THE JOHN CURTIN SCHOOL OF MEDICAL RESEARCH
Annual Review 2014
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The John Curtin School of Medical Research

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FROM THE DIRECTOR

It is our great pleasure to share the achievements and activities of The John Curtin School of Medical Research for 2014. A companion volume, Research Highlights, describing some of our current research projects, will be posted in December 2015.

I joined the School as Director in October 2014, and I would like to thank my predecessor, Professor Chris Parish, for stepping into the role of Director in April 2013, and for his leadership of the School. In 2014, Chris was honoured with the title ACT Citizen of the Year, and received The Chancellor’s Award for Distinguished Contribution to the University. He is to be congratulated for these stellar achievements, and thanked by all of us for his enduring dedication to JCSMR.

Many other JCSMR staff and students received honours and awards during 2014, recognizing the commitment they bring to their research and teaching practices. In particular I would like to congratulate Professor Carola Vinuesa, who was awarded the inaugural CSL Young Florey Medal for her research in the immune system and the production of disease fighting antibodies, and Professor Thomas Preiss on the award of the Julian Wells Medal at the Lorne Genome Conference.

JCSMR saw a number of new initiatives come to realization in 2014. In February we launched the National Centre for Indigenous Genomics, which aims to establish a national resource, under Indigenous governance, for appropriate and respectful genetic and genomic research that will benefit Indigenous Australians; and in April, in conjunction with World Day of Immunology, we launched the Centre for Personalized Immunology, which aims to help people with immune diseases by discovering individual genetic variations with the ultimate goal of targeting treatments more effectively.

The JCSMR Gender Equity Committee successfully brought about the establishment and award of the inaugural Judith Whitworth Fellowship in 2014. This Fellowship, named in honour of previous JCSMR Director Professor Judith Whitworth, and supported by JCSMR and The John Curtin Medical Research Foundation has been established to support the return to work of a young scientist who has experienced a break in their research career due to maternity or parental leave. We are very proud of this initiative, and trust that it will allow recipients to re-establish scientific projects, strengthen track record and regain national and international competitiveness when applying for independent external research funding.

I hope that you will enjoy reading about the recent successes of the School, and look forward to presenting the companion Research Highlights.

Professor Simon Foote FFSc (RCPA), FAHMS, FTSE
Director, The John Curtin School of Medical Research
The Australian National University
Executive Committee
Professor John Bekkers
Mr Matthew Cousins
Dr Anna Cowan (until October)
Professor Angela Dulhunty (until October)
Professor Simon Foote (from October)
Professor Chris Goodnow (until October)
Dr Claudio Mastronardi (from October)
Dr Madeleine Nicol (until October)
Professor Chris Parish (until October)
Professor Greg Stuart
Professor David Tremethick
Professor Carola Vinuesa

External Relations Committee (until October)
Professor John Bekkers (Chair) (from March)
Mr Matthew Cousins (from February)
Dr Anna Cowan
Dr Anselm Enders
Dr Riccardo Natoli
Dr Madeleine Nicol
Professor Chris Parish (Chair) (until February)
Professor Thomas Preiss

Group Leaders Forum (until October)
Professor Carola Vinuesa (Chair)
All Group Leaders and Laboratory Leaders belong to the Group Leaders Forum, which meets monthly to discuss matters of importance relating to JCSMR

Education Committee
Associate Professor Ehsan Arabzadeh
Professor John Bekkers
Dr Anneke Blackburn
Dr Anna Cowan (Chair)
Professor Simon Eastal
Miss Preethi Eldi
Professor Chris Parish
Mr Roy Ramiscal

Operations Committee (until October)
Dr Frank Brink (from May)
Mr Denis Coombes
Mr Matthew Cousins
Dr Vincent Daria (from February)
Professor Angela Dulhunty (Chair)
Dr Suzanne Fowler
Ms Cathy Gillespie
Dr Mark Hayes
Dr Yalin Liao (from March)
Ms Stephanie Palmer
Dr Charani Ranasinghe
Ms Michelle Townsend
Mr Dennis Vukoja
Mrs Esme Weil

Safety Committee
Professor Philip Board (Chair) (until August)
Ms Megan Clydesdale
Mr Mick Devoy
Dr Renae Domaschenz
Dr Julia Ellyard
Dr Sonya Glasson (until June)
Dr Mark Hayes (from July)
Dr Peter Milburn
Ms Suzy Pace
Dr Krisztina Valter (Chair) (from September)

Animal Users Committee
Associate Professor Ruth Arkell (RSB)
Dr Anneke Blackburn
Mr Anthony Barker (ex officio) (from October)
Professor Philip Board
Ms Katrina Bowditch (ex officio)
Mr Ken Chau (ex officio)
Dr Lucy Coupland
Professor Angela Dulhunty
Dr Suzanne Fowler (ex officio)
Professor Caryl Hill
Associate Professor Guna Karupiah
Professor Klaus Matthaei
Dr Riccardo Natoli
Dr Ian Parish
Dr Charani Ranasinghe
Dr Charmaine Simeonovic
Associate Professor Christian Stricker (Chair)
Dr Narci Teoh (Canberra Hospital)

Workshop Committee (until October)
Mr Denis Coombes
Professor Angela Dulhunty (Chair)
Professor Caryl Hill
Ms Michelle Townsend

Gender Equity Committee
Associate Professor Ehsan Arabzadeh
Dr Anne Bruestle (from November)
Associate Professor Ian Cockburn
Dr Lucy Coupland
Dr Julia Ellyard (Chair)
Ms Mary-Anne Jack (until October)
Dr Rebecca Haddock
Associate Professor Brett Lidbury
Dr Lisa Miosge
Dr Madeleine Nicol
Dr Ian Parish
Dr Charani Ranasinghe (until October)
Ms Monika Srivastava
Dr Rebecca Sweet
Professor Carola Vinuesa
Community

Launch of the National Centre for Indigenous Genomics
The Judith Whitworth Fellowship
The 2nd Annual Dinner of The John Curtin Medical Research Foundation
Launch of the Centre for Personalised Immunology
Welcome to the Centenary Chair in Cancer Research
The Sarah Grace Sarcoma Foundation
The John James Foundation Tony Ayers Prize
Open Day
The JCSMR Director’s Christmas Morning Tea
Our Community
A new national centre for research into Indigenous health will help close the gap on Indigenous health and life expectancy, with the launch of the National Centre for Indigenous Genomics in February 2014 at JCSMR.

The National Centre for Indigenous Genomics (NCIG) aims to establish a national resource, under Indigenous governance, for appropriate and respectful genetic and genomic research that will benefit Indigenous Australians.

The inaugural NGIC Governance Board is chaired by Aboriginal and Torres Strait Islander Social Justice Commissioner Mr Mick Gooda.

1. Inaugural Governance Board of the National Centre for Indigenous Genomics (front) ANU DVC (Research) Professor Margaret Harding, Board Chair Mr Mick Gooda, Dr Misty Jenkins (back) Professor Mick Dodson, Dr Emma Kowal, Professor Simon Eastal, Professor Don Chalmers with Dr Cressida Fforde (2nd from the right). Absent: Professor Ian Anderson
2. Mr Mick Gooda
3. Professor Mick Dodson, Dr Misty Jenkins, Ms Anne Evers, Ms Pip Deveson and Mr Mick Gooda
4. NCIG Director Professor Simon Eastal
The Judith Whitworth Fellowship for Gender Equity in Science was launched at JCSMR in April. The inaugural Fellowship was awarded to Dr Julia Ellyard in November.

The Fellowship has been established to support a young scientist who has experienced a break in their research career due to maternity or parental leave and will provide up to two years of salary and research support. It is envisaged that this will allow the recipient to re-establish scientific projects, strengthen track record and regain national and international competitiveness when applying for independent external research funding.

The Fellowship, named in honour of Emerita Professor Judith Whitworth, past director of the JCSMR, and supported by JCSMR and The John Curtin Medical Research Foundation is believed to be the of its kind to be established at an Australian University.
Nobel Laureate Professor J Robin Warren provided fascinating insights into his work when interviewed by Mr Ken Begg at the 2nd Annual Dinner of the John Curtin Medical Research Foundation in August.

Held at University House, the Dinner was a huge success, and included raffles, silent auctions and entertainment. Thanks to generous supporters the John James Foundation and Mr Ron and Mrs Janice Parker, funds were donated at the dinner to finalise the purchase of an intravital microscope to be used in research projects on cancer, malaria prevention and the study of autoimmune diseases at ANU.

For more information about the John Curtin Medical Research Foundation please visit: jcmrf.anu.edu.au
Assistant Minister for Health, Senator Fiona Nash, launched The Centre for Personalised Immunology at JCSMR by on Monday 28 April, 2014.

The principal objective of the Centre for Personalised Immunology is to understand pathophysiological pathways in patients presenting with immunological disease, in order to make diagnoses more accurate, and treatment more effective.

The Centre aims to help people with immune diseases by discovering causative genetic variation, with the goal of delivering treatment strategies targeted to the individual.

1. Directors of the Centre for Personalised Immunology, Professor Carola Vinuesa and Professor Matthew Cook
2. At the launch of the Centre for Personalised Immunology: (front row) ANU Vice-Chancellor Professor Ian Young, CPI Director Professor Carola Vinuesa, Senator Fiona Nash, CPI Director Professor Matthew Cook, JCSMR Director Professor Chris Parish, ANU Deputy Vice Chancellor (Research) Professor Margaret Harding. (Back row) Dr Dan Andrews, Mr Matthew Field and Professor Stephen Alexander
3. Senator Fiona Nash, Professor Chris Parish, Professor Carola Vinuesa, Professor Matthew Cook and Professor Ian Young
4. Senator Fiona Nash officially launches the Centre for Personalised Immunology at JCSMR in April 2014
The Australian National University and the ACT Government announced the appointment of distinguished medical researcher Professor Ross Hannan as the inaugural Centenary Chair in Cancer Research in November 2014.

The Centenary Chair is a new position, focused on researching new treatments for cancer patients and fostering collaboration between Canberra medical specialists and scientists at The John Curtin School of Medical Research and across ANU.

The Centenary Chair is a joint project of ANU and the ACT Government, established to celebrate the Centenary of Canberra, which took place in 2013. The ACT Government provided $1.5 million to help fund the position.
In the fight to ‘Kick Sarcoma’, The Sarah Grace Sarcoma Foundation has been tirelessly fundraising in Australia and Singapore to support sarcoma research at JCSMR, and currently funds a named PhD Scholarship at the School.

Mr JinSoo Yoon is the first recipient of that scholarship, studying in the Department of Immunology under the supervision of Professor Chris Parish and Dr Lucy Coupland.

1. Board members of the Sarah Grace Sarcoma Foundation, Australian Paralympian Ms Ellie Cole and Mr Hugh Archer, present a cheque to ANU DVC (Research) Professor Margaret Harding in February.
2. Dr Grace Moshi and Scholarship recipient Mr JinSoo Yoon
3. Jazzy (left) and Nadia (right) travelled to JCSMR from Singapore to present a further cheque for $53,000 to Professor Chris Parish, JCSMR Director Professor Simon Foote, Mr JinSoo Yoon and Dr Lucy Coupland from Sarah Grace Sarcoma Foundation in November.
4. Mr JinSoo Yoon expressed his thanks for the efforts of the Sarah Grace Sarcoma Foundation, and said it made him even more determined to work towards an understanding of sarcoma metastasis.
The John James Foundation has established a Prize for Excellence in Research in Translational Medicine at the ANU College of Medicine, Biology and Environment in honour of long term Board member Mr Tony Ayers AC. The Prize is awarded to an Early – Mid Career Research Scientist within CMBE who has made a most significant contribution to Translational Research, over the course of their research career.

The inaugural Tony Ayers Prize was awarded in October 2014 to Dr Anneke Blackburn, Department of Molecular Bioscience, JCSMR, who presented the Tony Ayers Lecture: Targeting cancer cell metabolism with dichloroacetate.
Open Day at JCSMR takes place in August every year. Everyone in our local community is warmly invited to visit us on Open Day to see inside our laboratories, take a Discovery Tour of our building, talk with a scientist about their work, and hear about our important research in areas including cancer, diabetes, vision, autoimmune disease, malaria prevention and more.

For information about our next Open Day, please visit jcsmr.anu.edu.au
Every year the Director hosts a Christmas morning tea to celebrate the successes of the past year, and to thank friends of JCSMR for their continued interest in our work, and support for our research.

In December 2014, Committee members of the Canberra Medical Society attended the morning tea to present a cheque in support of the newly established National Centre for Indigenous Genomics at JCSMR.

1. Professor Carola Vinuesa with John Curtin Medical Research Foundation Board members Ms Marilyn Fenner
2. Mr Michael Dobbie, Ms Janet Henry, JCSMR Director Professor Simon Foote, Ms Marilyn Fenner and Mrs Joanna Webber
3. Dr Peter Gibson, Treasurer of the Canberra Medical Society presents a cheque to Professor Simon Eastell, Director of the National Centre for Indigenous Genomics
4. JCSMR Director Professor Simon Foote, Mr Garry Humphries, Professor Carola Vinuesa and Chair of the John Curtin Medical Research Foundation Dr Cameron Webber at the Director’s Christmas Morning Tea
OUR JCSMR COMMUNITY

1. The 2014 ACT Final of the Australasian Brain Bee Challenge was won by Shruthisri Sridharan, of Burgmann Anglican School, picture here with Professor Greg Stuart, Head of the JCSMR Eccles Institute of Neuroscience.

2. Dr. Jason Potas, Mr. Michael Bootes and Dr. Charani Ranasinghe at a morning tea to meet the Board of the Gordon and Gretel Bootes Foundation.

3. Ms. Emilie Rohan, Ms. Dianne Garner, and Dr. Corinne Carle at the Bootes Foundation morning tea at JCSMR.

4. Members of The Canberra Ioniars Group, who visited the Cancer Metabolism and Genetics Laboratory headed by Dr. Anneke Blackburn (far right) in August.

5. To celebrate International Women’s Day in March, Ms. Joy Burch, ACT Minister for Women and ACT Minister for Youth hosted a ‘Girls in Science’ morning tea at JCSMR.

6. Ms. Joy Burch addresses young women from Canberra High Schools and Colleges as part of the Girls in Science event held in conjunction with International Women’s Day in March.
2. In October, JCSMR hosted a special scientific symposium to pay tribute to Philip Board’s remarkable contribution to Australian and international science: The 15th Frank and Bobbie Fenner Conference: Professor Philip Board Symposium.
3-6. Executive members of the Tokyo Medical and Dental University, led by Professor Yoshi Eishi, visited JCSMR.
4. Mr Ray and Mrs Alice Pelham-Thorman with ANU Alumnus Professor Yoshinobu Eishi, now Dean of Medicine at Tokyo Medical and Dental University, renewing a friendship which began while Professor Eishi was a student at JCSMR.
5. Australian Federal Minister for Health The Hon. Mr Peter Dutton’s visit to the JCSMR Department of Immunology.
6. In December, staff and students gathered to celebrate the retirement of four of our longstanding colleagues – Professor Klaus Matthaei, Professor Caryl Hill, Professor Philip Board and Professor Bruce Walmsley. 119 years, 99 students and over 700 publications. What an achievement!
Staff and Student Achievements

Graduates
Prizes, Honours and Awards
GRADUATES

PhD

Rizalyn Sarda Albarracin
The Therapeutic Potential of 670nm Light in Retinal Degeneration

Hans Christoph Tobias Bock
The Impact of Calcium-Activated Potassium Channels on Dendritic Excitability in Cortical Layer 5 Pyramidal Neurons

Soek-Yeng Chan
Role of DOCK8 and hnRNPLL in CD8 T Cell Survival

Daniel John Chaston
The Role of Endothelial Connexin40 in the Regulation of Arterial Function and Blood Pressure

Fui Jiun Choong
Roles for Islet Heparan Sulfate and Heparanase in Islet Transplantation

Bevan Gang
Targeting Cancer Metabolism

Mary Ann Go
Precise Optical Manipulation Techniques for Exploring Neuronal Function

ShuYi (Sophie) Han
Histone Variant H2A.Z: A Master Regulator of Epithelial-to-Mesenchymal Transition

Amy Dianne Hanna
Mechanisms of Anthracycline-induced Dysfunction of Ca2+ Handling Proteins in the Heart

Carly Jane Hynes
Investigating the Complexities of MicroRNA-Target Interactions in Cardiac Biology

Jing Ji
Effects of Heat Labile Enterotoxin B Subunit on Murine Dendritic Cells
Scott Lewis Jones
On the Function of Somatic and Dendritic SK Channels in Cortical Pyramidal Neurons

HieRin Lee
The Development of Seahorse Vision: Morphological and Behavioural Aspects

Suhyun Lee
Long-Term Metabolic Effects of Stress and Antidepressants: A Novel Paradigm of Antidepressant-Induced Weight Gain in the Post-Stress Acclimation Period

Jasmine Li
Nuclear Protein Kinase C-theta and Permissive Chromatin States Co-ordinate Transcriptional Memory Responses in Human T Cells

Linwei Li
In Vitro Exploration of Interactions Between Junctin and the Ryanodine Receptor from Skeletal and Cardiac Muscle

Sally Jane Mapp
Genetic Mutations Promoting Autonomous B cell Proliferation

Ameet Kumar Mishra
Leptin: Linking Obesity to Breast Cancer Progression

Susan Kaye Morton
The Role of Endothelial Connexin40 in the Regulation of Activity-Dependent Blood Pressure Elevation

Robyn Tricia Rebbeck
Interactions between the Dihydropyridine Receptor Beta1A Subunit and the Ryanodine Receptor from Skeletal Muscle

Zahra Sabouri-Thompson
Positive and Negative Selection of Antibodies in Germinal Centres

Monika Srivastava
Regulation of miRNA Homeostasis by Roquin

Andrea Stojakovic
Long-Term Effects of LPS and High-Fat Diet on Dopaminergic Neurodegeneration

Dijana Townsend
Role of Eosinophils in Respiratory Syncytial Virus Infection

Danushka Kumara Wijesundara
HIV-1 Vaccine Development: Evaluating Mechanisms of CD8+ T Cell Avidity

Hermia Willemse
Towards Understanding EC Coupling Protein Expression with Age

Elize Wium
Identifying the in vitro Interactions between the Skeletal Muscle Ryanodine Receptor, Triadin and Calsequestrin

Mehmet Yabas
B Cell Deficiency and Anaemia caused by Mutations in the Murine Atp11c Gene

MPhil
Jayashree Ravichandran
Role of IL-17 in HIV Specific CD8+ T Cell Immunity

MNeuroscience (Research)
Farhia Haque
Indumathi Ravi
Conor Owens Walton
PRIZES AND AWARDS

Dr Rizalyn Sarda Albaraccin
ANU Alumni Award – 2014 Postgraduate Student of the Year

Mr Hannes Bergann
Australasian Society of Immunology Travel Award

Dr Anneke Blackburn
The 2014 John James Foundation Tony Ayers Prize for Excellence in Translational Medicine, ANU College of Medicine, Biology and Environment

Ms Fui Jiun Choong
Canberra Hospital Private Practice Fund Award for Best Student Oral presentation: Molecular insights into the loss of heparan sulfate (HS) during islet isolation and HS recovery after islet transplantation, The Canberra Health Annual Research Meeting, Canberra, ACT

Dr Stephen Daley
The Gordon Ada Early Career Researcher Award. Presented to an Early Career Researcher at JCSMR who has made major contributions to biomedical research

Ms Sarita Dhounchak
ANU CMBE Prize for Best Poster Presentation: Beta cell heparan sulfate and heparan sulfate proteoglycan loss in Type 2 Diabetes, The Australian Society for Medical Research (ASMR) ACT Branch New Investigator Forum, Canberra, ACT

Dr Julia Ellyard
The inaugural Judith Whitworth Fellowship for Gender Equity in Science

Ms Nilisha Fernando
EMBL Australia Travel Grant to attend the 16th EMBL International PhD Symposium, Heidelberg, Germany
Professor Simon Foote
Elected as Fellow, The Australian Academy of Health and Medical Sciences
Appointed Director, The John Curtin School of Medical Research, ANU

Dr Simon Jiang
Australian Government Postgraduate Scholarship to investigate the development of systemic lupus erythematosus

Dr Yalin Liao
Travel award to attend the Global Young Scientist Summit, One North, Singapore
ANU Early Career Researcher’s (ECR) Travel Award: to attend the EMBL Conference: Complex life of RNA, EMBL Heidelberg, Germany
SIEF John Stocker Postdoctoral Fellowship

Ms Susan Morton
International Society of Cardiovascular Pharmacotherapy Student Travel Grant to attend Experimental Biology 2014, San Diego, CA, USA

Dr Jason Potas
ANU Excellence in Teaching Awards, Best Faculty Teacher Phase 1, ANU Medical School
Finalist: Your Science in 60 Seconds. Science Meets Parliament

1. Professor Carola Vinuesa was awardee the inaugural CSL Young Florey Medal
2. Nobel Laureate Emeritus Professor Rolf Zinkernagel was awarded the Curtin Medal for 2014
3. Dr Stephen Daley received The Gordon Ada Early Career Researcher Award for 2014
4. Professor Greg Stuart was invited to present the 4th Annual John Curtin Lecture by JCSMR Director Professor Chris Parish
5. Chair of the John James Memorial Foundation presents the inaugural Tony Ayers Prize for Excellence in Translational Medicine to Dr Anneke Blackburn
6. ANU Alumni Awards – Postgraduate Student of the year – Rizsa Albarracin
7. Professor Thomas Preiss
8. Dr Julia Ellyard, JCSMR Director Professor Simon Foote and Emerita Professor Judith Whitworth following the award of the inaugural Judith Whitworth Fellowship for Gender Equity in Science
Professor Chris Parish
The Chancellor’s Award for Distinguished Contribution to the University for 2014
ACT Citizen of the Year 2014

Mr Alvin Pratama
ASI travel bursary to attend the 44th Annual Scientific Meeting of the Australasian Society for Immunology, Wollongong, NSW
Scholarship to attend the Croucher Summer Course 2014: Advances in Immunology in Health and Disease, Department of Medicine, the University of Hong Kong, Hong Kong
ANU Vice-Chancellor’s Postgraduate Travel Grant
ASI Postgraduate International Travel Award

Professor Thomas Preiss
The Julian Wells Medal and Lecture, The Lorne Genome conference, Lorne, VIC

Dr Jennifer Robertson
Poster Prize, Runner up – The Australian Society for Medical Research (ASMR) ACT Branch New Investigator Forum, Canberra, ACT

Mr Manu Singh
Viewer’s Choice Prize for Best Poster, The Australian Society for Medical Research (ASMR) ACT Branch New Investigator Forum, Canberra, ACT

Ms Rina Soetanto
Viewer’s Choice prize for Best Oral Presentation, and Prize for Best Poster – The Australian Society for Medical Research (ASMR) ACT Branch New Investigator Forum, Canberra, ACT
Prize for Best Oral Presentation: The dynamics of miRNA-mRNA targeting during cardiac health and disease. EMBL Australia PhD Symposium, Sydney, NSW
Runner-up, ANU 3-Minute Thesis Competition: Mending a broken heart- a big role for small RNAs. ANU Colleges of Science, ANU, Canberra, ACT

Dr Zan-Min Song
ANU Excellence in Teaching Awards, Best Faculty Teacher Phase 1, ANU Medical School

Professor Greg Stuart
The 4th Annual John Curtin Lecture in Medical Research “Brain Mechanics: The nuts and bolts of how your brain works”

Mr Malinda Tantirigama
Early Career Researcher Award for Excellence: UWS Sensory Neuroscience Symposium, University of Western Sydney, Sydney, NSW

Dr Krisztina Valter- Kocsi
Promoted to Associate Professor
Elected as a Senior Fellow of Higher Education Academy UK
Inaugural member of the Education Fellowship Scheme committee, ANU

Professor Carola Vinuesa
The inaugural CSL Young Florey Medal for her research into how the immune system produces antibodies to fight disease
Visitors and Collaborations

Research Collaborations and Visitors to the School

Visitors to JCSMR present their research findings through Group, Department or School Seminars and workshops, and collaborate with our staff and students in our world-class research facilities.

Staff and students at JCSMR continue to enjoy close collaborative ties with other researchers at The Australian National University. In addition, they enjoy scientific associations with colleagues locally, regionally, national and internationally.
VISITORS

Professor David J Adams  
Health Innovations Research Institute, RMIT University, Melbourne, VIC

Professor Juan-Manuel Anaya  
Center for Autoimmune Diseases Research (CREA), Rosario University, Bogotá, Colombia

Dr Anthony Ashton  
University of Sydney, Sydney, NSW

Dr Ulus Atasoy  
Molecular Microbiology and Immunology, University of Missouri School of Medicine and Harry S Truman Veterans Hospital, Columbia, MO, USA

Associate Professor Tony Badrick  
Faculty of Health Sciences and Medicine, Bond University, Gold Coast, QLD

Dr Rohan Baker  
Clinical Genomics, Sydney, NSW

Professor Jacques Banchereau  
The Jackson Laboratory for Genomic Medicine, Farmington, CT, USA

Dr Vladimir Benes  
Genomics Core Facility, European Molecular Biology Laboratory, Heidelberg, Germany

Professor John Carver  
Research School of Chemistry, ANU College of Physical & Mathematical Sciences, The Australian National University, Canberra, ACT

Professor Archie Clements  
The National Centre for Epidemiology and Population Health, ANU College of Medicine, Biology and Environment, The Australian National University, Canberra, ACT

Professor Colin Clifford  
School of Psychology, The University of New South Wales, Sydney, NSW

Professor Stephen Dalton  
Department of Biochemistry and Molecular Biology, The University of Georgia, Athens, GA, USA

Professor Mathew Diamond  
International School for Advanced Studies (SISSA), Trieste, Italy

Dr Christian Engwerda  
Immunology and Infection Laboratory, QIMR Berghofer Medical Research Institute, Brisbane, QLD

Associate Professor Lindy Fitzgerald  
School of Animal Biology, The University of Western Australia, Crawley, WA

Professor Simon Foote  
The Australian School of Advanced Medicine, Macquarie University, Sydney, NSW

Professor Paul Foster  
School of Biomedical Sciences and Pharmacy, The University of Newcastle, Newcastle, NSW

Professor Simon Gandevia  
Neuromuscular and Regenerative Medicine Unit, School of Medical Sciences, University of New South Wales, Sydney, NSW

Professor Ross D Hannan  
The Peter MacCallum Cancer Centre, Melbourne, VIC

Professor Edna Hardeman  
Neuromuscular and Regenerative Medicine Unit, School of Medical Sciences, University of New South Wales, Sydney, NSW

Assistant Professor Christian Henneberger  
Institute of Cellular Neurosciences, University of Bonn Medical School, Bonn, Germany

Professor Ian Hickie  
Brain and Mind Research Institute, University of Sydney, Sydney, NSW

Professor Philip Hugenholtz  
Australian Centre for Ecogenomics, School of Chemistry and Molecular Biosciences, University of Queensland, Brisbane, QLD

Associate Professor Katherine Kedzierska  
Department of Microbiology and Immunology, School of Biomedical Sciences, The University of Melbourne, Melbourne, VIC

Professor Trevor Kilpatrick  
Division of Multiple Sclerosis, The Florey Institute for Neuroscience and The Melbourne Neuroscience Institute, The University of Melbourne, Melbourne, VIC

Professor Bostjan Kobe  
School of Chemistry & Molecular Biosciences, University of Queensland, Brisbane, QLD

Professor Eddy FY Liew  
Division of Immunology, Infection and Inflammation, University of Glasgow, Glasgow, Scotland

Dr Charles H Lineweaver  
ANU Planetary Science Institute – Mount Stromlo Observatory, Research School of Astronomy and Astrophysics, ANU College of Physical and Mathematical Sciences, The Australian National University, Canberra, ACT
Professor Kate Loveland
Department of Biochemistry & Molecular Biology and Department of Anatomy and Developmental Biology, Monash University, Melbourne, VIC

Dr Yuerui Lu
Research School of Engineering, ANU College of Engineering and Computer Science, The Australian National University, Canberra, ACT

Associate Professor Michele Madigan
School of Optometry & Vision Science, University of New South Wales, Sydney, NSW and Save Sight Institute and Discipline of Ophthalmology, University of Sydney, Sydney, NSW

Dr Germán Manríquez
Faculty of Medicine and Faculty of Social Sciences, University of Chile, Santiago, Chile

Professor Justin Marshall
Sensory Neurobiology, Queensland Brain Institute, The University of Queensland, Brisbane, QLD

Dr Jose DeLeon
Department of Psychiatry, University of Kentucky, Lexington, KY, USA

Professor Sonya Marshall-Gradisnik
School of Medical Science, Griffith University, Gold Coast, QLD

Professor John Mattick
Garvan Institute of Medical Research, Sydney, NSW

Professor Jason B Mattingley
Cognitive Neuroscience, Queensland Brain Institute and The School of Psychology, The University of Queensland, Brisbane, QLD

Professor Michael S Moore
Program in Law and Philosophy, College of Law, The University of Illinois, Champaign, IL, USA

Professor Eric Morand
School of Clinical Sciences, Monash Health and Faculty of Medicine, Nursing & Health Sciences, Monash University, Melbourne, VIC

Dr Maximilian Muenke
Medical Genetics Branch, National Human Genome Research Institute, National Institutes of Health, Bethesda, MD, USA

Dr Gabe Murphy
Janelia Research Campus, Howard Hughes Medical Research Institute, Ashburn, VA, USA

Assistant Professor Ki Taek Nam
Department of Materials Science and Engineering, Seoul National University, Seoul, Korea

Professor Christopher Nolan
Diabetes Research Laboratory, Endocrinology Unit, Canberra Hospital, Canberra, ACT

Professor Virginia Pascual
Center for Inflammation and Autoimmune Diseases and Center for Personalized Medicine, Baylor Research Institute, Dallas, TX, USA

Dr Nicholas Price
Department of Physiology, Monash University, Melbourne, VIC

Professor Markus Schlach
Hypertension and Kidney Disease, Baker IDI Heart and Diabetes Institute, Melbourne, VIC

Professor Gordon Smyth
Division of Bioinformatics, The Walter and Eliza Hall Institute of Medical Research, Melbourne, VIC

Professor Mandyam Srinivasan
Visual and Sensory Neuroscience, Queensland Brain Institute, The University of Queensland, Brisbane, QLD

Professor Seong-Seng Tan
Brain Development, The Florey Institute of Neuroscience and Mental Health, Melbourne, VIC

Dr Illa Tea
University of Nantes, Nantes, France

Professor Joseph Trapani
Cancer Cell Death Laboratory, The Peter MacCallum Cancer Centre, Melbourne, VIC

Dr Richard Ulevitch
Department of Immunology and Microbial Science, The Scripps Research Institute, La Jolla, CA, USA

Professor Mark von Itzstein
Institute for Glycomics, Griffith University, Southport, QLD

Dr Linda Wakim
Department of Microbiology and Immunology, The University of Melbourne, Melbourne, VIC

Professor Wolfgang Weninger
Centenary Institute of Cancer Medicine and Cell Biology, The University of Sydney, Sydney, NSW

Laureate Professor Rolf Zinkernagel
The University of Zurich, Zurich, Switzerland
COLLABORATIONS

Ms Nur Diana Anuar, Dr Tatiana A Soboleva and Professor David Tremethick
An investigation on the role of histone variant H2A.Lap1

Professor P Koopman, J Bowles and T-L Davidson Institute for Molecular Bioscience, The University of Queensland, Brisbane, QLD Dr PD Gregory and Dr L Zhang Sangamo BioSciences Inc., Richmond, CA, USA Dr R Arkell Research School of Biology, The Australian National University, Canberra, ACT Professor JE Dahlstrom Department of Pathology, Canberra Hospital, Canberra, ACT Dr D Andrews and Mr M Field Department of Immunology, The John Curtin School of Medical Research, ANU, Canberra, ACT

Associate Professor Ehsan Arabzadeh
Whisker sensory system, from receptor to behaviour

Professor M Diamond International School for Advanced Studies, Trieste, Italy Contribution of layers 2/3 on sensory processing in mouse barrel cortex

Professor L Richards Queensland Brain Institute, Brisbane, QLD Neuronal and behavioural correlates of choice

Professor F Westbrook Department of Psychology, University of New South Wales, Sydney, NSW The role of context in sensory processing Dr N Price Department of Physiology, Monash University, Clayton, VIC

Associate Professor Mauricio Arcos-Burgos
Genetics of ADHD and disruptive behaviours

Dr M Muenke National Human Genome Research Institute, National Institutes of Health, Bethesda, MD, USA
Dr M Casas, Dr J-A Ramos-Quiroga and Dr M Ribases Vall d’Hebron Institut de Recerca (VHIR) through the Víctor Viladomiu Research School of Biomedicine, Barcelona, Spain

Dr MT Acosta Children’s National Hospital, Children’s Research Institute (CRI), Washington, DC, USA
Genetics of autoimmune disorders

Dr J-M Anaya Centre for Autoimmune Diseases Research, University of Rosario, Bogota, Colombia
Genetics of ADHD

Dr M Bellgrove School of Psychological Sciences, Monash University, Melbourne, VIC
Genetics of Major Depressive Disorder and genetics of Morbid Obesity

Professor J Licinio and Professor M-L Wong Translational Medicine, Flinders University, Adelaide, SA and South Australian Health and Medical Research Institute, Adelaide, SA
Genetics of substance use disorders

Dr J DeLeon Department of Psychiatry, University of Kentucky, Lexington, KY, USA
Genetics of ADHD

Dr F Levy School of Psychiatry, University of New South Wales, Randwick, NSW, Australia
Genetics of Alzheimer’s Disease and mild cognitive impairment, and genetics of disphoria

Dr F Lopera Neurosciences Group, University of Antioquia, Medellin, Antioquia, Colombia

Dr Vicki Athanasopoulos
Identifying protein-protein interactions with an unnatural photocrosslinking amino acid.

Professor G Otting Research School of Chemistry, The Australian National University, Canberra, ACT

Professor John M Bekkers
Excitability and hyperexcitability of neural circuits in the rodent piriform cortex

Professor S Nelson Brandeis University, Waltham, MA, USA Professor G Augustine National University of Singapore, Singapore; Korea Institute of Science and Technology, Seoul, South Korea; Lee Kong Chian School of Medicine, Singapore
Neural circuits for odour-processing in the rodent piriform cortex ‘in vivo’

Professor M Larkum Charité-Humboldt University, Neuroscience Research Center, Berlin, Germany
Persistent firing in cortical interneurons: Mechanisms and potential anticonvulsant role

Dr M McDonnell Institute of Telecommunications Research, University of South Australia, Adelaide, SA
Epilepsy in the piriform cortex

Dr C Reid Florey Institute, Melbourne, VIC

Dr Andrew Bell
Studies of otoacoustic emissions from the human cochlea

Dr W Jedrzejeczak Institute of Physiology and Pathology of Hearing, Warsaw, Poland
Computer modelling of cochlear mechanics

Professor HP Wit University of Groningen, the Netherlands

Dr Edward M Bertram and Professor Chris C Goodnow
China-Australia Centre for Phenomics Research

Professor H Tang Centre for Infection and Immunity, Chinese Academy of Sciences, Institute of Biophysics, China

Dr Anneke C Blackburn
Mouse mammary tumour susceptibility loci

Professor DJ Jerry Veterinary and Animal Sciences, University of Massachusetts, Amherst, MA, USA
Targeting breast cancer with dichloroacetate and the mitochondrial toxin PENAO

Professor PJ Hogg and Dr PJ Dilda Lowy Cancer Research Centre, University of New South Wales, Sydney, NSW
Targeting of Two Aspects of Metabolism (TOTAM) for Cancer Therapy

Professor JE Dahlstrom Anatomical Pathology, ACT Pathology, Canberra Hospital and ANU Medical School, The Australian National University, Canberra, ACT Associate Professor D Yip Medical Oncology, Canberra Hospital, Canberra, ACT and ANU Medical School,
The Australian National University, Canberra, ACT
Isotopic signature of $^{13}$C and $^{15}$N natural abundance in breast cancer

Dr I Tea University of Nantes, Nantes, France
A Centre for Oncology Education and Research Translation (CONCERT)

Professor P deSouza Liverpool Hospital, Sydney, NSW

Dr Anne Breustle
Antigen receptor mediated depletion of FOXP3 in induced regulatory T lymphocytes via PTPN2 and FOXO1

Dr E Bothur and Professor M Lohoff Institute of Medicine, Microbiology and Hygiene, Philipps-University, Marburg, Germany
The role of MALT1 in autoimmunity and tolerance

Dr D Brenner Department of Infection and Immunity, Luxembourg Professor TW Mak Campbell Family Institute for Breast Cancer Research, Ontario Cancer Institute, Princess Margaret Hospital, Toronto, ON, Canada

Mr Aaron Chuah Alpine Frog and Bettong Genotyping by Sequencing

Dr S Banks Fenner School of Environment and Society, The Australian National University, Canberra, ACT

Dr A Bjorksten Department of Pain and Anesthesia, Royal Melbourne Hospital, Melbourne, VIC

Dr S Afzal Professor TW Mak and Dr I Harris Department of Infection and Immunity, Luxembourg Institute of Health, Luxembourg

Professor M Parker Professor TW Mak Department of Infection and Immunity, Luxembourg Institute of Health, Luxembourg

Dr D Brenner Department of Infection and Immunity, Luxembourg Professor MW Anders Department of Pharmacology and Physiology, University of Rochester Medical Centre, Rochester, NY, US

UVRAG in Autoimmunity

Dr D Brenner Department of Infection and Immunity, Luxembourg Professor MW Anders Department of Pharmacology and Physiology, University of Rochester Medical Centre, Rochester, NY, US

The role of MALT1 in autoimmunity and cancer

Structure of $\gamma$-glutamyl cyclotransferase

Dr S Afzal and Professor TW Mak Campbell Family Institute for Breast Cancer Research, Ontario Cancer Institute, Princess Margaret Hospital, Toronto, ON, Canada

Antioxidant glutathione in autoimmunity and cancer

Professor Philip G Board
Determination of glutathione transferase structures

Professor M Parker St Vincent's Medical Research Institute, Melbourne, VIC

Function of Zeta and Omega class GSTs

Professor MW Anders Department of Pharmacology and Physiology, University of Rochester Medical Centre, Rochester, NY, US

The expression of $\gamma$-glutamyl cyclotransferase in human cancer

Professor Y Eishi and Dr K Takemura Department of Human Pathology, Tokyo Medical and Dental University, Tokyo, Japan

The role of Omega class GSTs in TLR4 signalling

Professor L O'Neill and Dr R Coll School of Biochemistry and Immunology, Trinity Biomedical Sciences Institute, Trinity College, Dublin, Ireland

PhD Crispin Haematology, Canberra Hospital, Canberra, ACT

Dr Marco G Casarotto
Molecular recognition of the ryanodine receptor

Dr M Samso Department of Physiology and Biophysics, VCU School of Medicine, Richmond, VA, US

Design and development of M2 influenza A inhibitors

Professor Wenhui Hu Guangzhou Institute of Biomedicine and Health, Chinese Academy of Sciences, Science Park, Guangzhou, China

Interactions between the alpha and beta subunits of the dihydropyridine receptor

Assistant Professor C Perez Brigham and Women's Hospital, Harvard University, Boston, MA, USA

Associate Professor A Oakley Department of Chemistry, University of Wollongong, Wollongong, NSW

Dr A Schmidt-Lebuhn CSIRO Plant Industry Canberra, ACT

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Arabidopsis Variant Calling in Amplicons

Dr J Barrero, CSIRO Plant Industry, Canberra, ACT

Myrtle rust RNAseq transcriptome assembly and differential expression analysis

Dr C Kulheim, Research School of Biology, The Australian National University, Canberra, ACT

Murine RNAseq differential expression analysis

Dr H Tay, School of Biomedical Sciences and Pharmacy, Newcastle University, Newcastle, NSW

Mr Aaron Chuah, Emeritus Professor Trevor Lamb and Dr Hardip Patel

RNAseq retinal gene comparative transcriptomics and TriPyGDU browser

Emeritus Professor D Hunt, Lions Eye Institute & University of Western Australia Oceans Institute, The University of Western Australia, Perth, WA

Associate Professor Ian Cockburn

Imaging the CD8+ T cell response to malaria parasites in the liver

Dr R Amino and Dr R Menard, Institut Pasteur, Paris, France Assistant Professor V Ganusov Theoretical Immunology Laboratory, University of Tennessee, Knoxville, TN, USA

Understanding B cell responses to malaria vaccine antigens at the single cell level

Dr R Seder, Vaccine Research Centre, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, USA Dr F Ndungu, Kenya Medical Research Institute, KEMRI-Wellcome Trust Research Programme, Kilifi, Kenya Professor K Marsh, Nuffield Department of Medicine, University of Oxford, Oxford, UK

Professor Matthew C Cook

Australian and New Zealand Antibody Deficiency Allele (ANZADA) study

Dr S Adelstein and Dr R Garsia, Department of Immunology, Royal Prince Alfred Hospital, Camperdown, NSW Dr T DeMalmancbe, HAPS Immunology, Newcastle, NSW Dr P Hissaria, Royal Adelaide Hospital, Adelaide, SA Dr M French, School of Pathology and Laboratory Medicine, The University of Western Australia, Perth, WA Dr S Choo, Royal Melbourne Children's Hospital, Melbourne, VIC Professor D Campbell and Dr S Mehr, The Children's Hospital at Westmead, Westmead, NSW Dr S Rimington, Department of Immunology, Concord Repatriation General Hospital, Concord, NSW Dr D Fulcher, Department of Immunopathology, The Children's Hospital at Westmead, Westmead, NSW

Genomic medicine for human immune deficiency

Dr D Tscharke, Research School of Biology, The Australian National University, Canberra, ACT Dr D Fulcher, Department of Immunopathology, The Children's Hospital at Westmead, Westmead, NSW

A randomised trial to assess antibody and cellular responses to hepatitis B vaccine in patients with chronic kidney disease (VaccineCKD)

Dr K Karp, Canberra Hospital, Canberra, ACT

CCR5 expression on B cells in immune deficiency

Professor H Korner, University of Tasmania, Hobart, TAS

STAT3 and hyper IgE syndrome

Dr S Tangye, Garvan Institute of Medical Research, Sydney, NSW

Professor Matthew C Cook and Dr Stephen Daley

Immune response after adult thymectomy

Professor G Chong, Canberra Hospital, Canberra, ACT

Professor Matthew C Cook and Professor Chris C Goodnow

Cell of origin of B cell Non-Hodgkin's lymphoma

Dr D Talaulikar, Canberra Hospital, Canberra, ACT

Professor Matthew C Cook, Professor Chris C Goodnow and Professor Carola G Vinuesa

Australian point mutation in systemic lupus erythematosus (APOSLE) study

Professor P Gatenby, Canberra Hospital, Canberra, ACT Dr S Adelstein and Dr R Garsia, Department of Immunology, Royal Prince Alfred Hospital, Camperdown, NSW Dr S Alexander, The Children's Hospital at Westmead, Westmead, NSW Dr S Rimington, Department of Immunology, Concord Repatriation General Hospital, Concord, NSW Dr D Fulcher, Department of Immunopathology, The Children's Hospital at Westmead, Westmead, NSW

Dr Lucy Coupland

Mechanisms and novel treatment avenues for auto-immune cytopenias

Dr J D Rozario and Dr P Crispin, Haematology Department, Canberra Hospital, Canberra, ACT

Characterisation of erythrocyte abnormalities in hemoxygenase-1 deficient mice

Professor R Stocker, Dr R Winter and Dr S Fraser, Sydney Medical School, The University of Sydney, Sydney, NSW

Dr Lucy Coupland and Dr Anneke Blackburn

Dichloroacetate in Multiple Myeloma

Dr J D Rozario, Dr S Bennett and Dr P Crispin, Haematology Department, Canberra Hospital, Canberra, ACT

Professor L Arnolda, The Canberra Hospital, Canberra, ACT and ANU Medical School, The Australian National University, Canberra, ACT

Dr Stephen Daley

Pulmonary hypertension caused by a novel ENU-induced variant of Tomm40

Professor L Arnolda, The Canberra Hospital, Canberra, ACT and ANU Medical School, The Australian National University, Canberra, ACT
Dr Vincent Daria
Brain-on-a-chip
Professor HA Bacher and Professor C Jagadish Research School of Physics and Engineering, The Australian National University, Canberra, ACT
Adaptive wavefront correction of efficient delivery of light through brain tissues
Dr S Lee Research School of Engineering, The Australian National University, Canberra, ACT
Synthesising photo-switchable nanoparticle agents for cell imaging and analysis
Dr A Tricoli Research School of Engineering, The Australian National University, Canberra, ACT
Analysing Soft-matter interactions using multiple beam optical tweezers
Professor E Sevick Research School of Chemistry, The Australian National University, Canberra, ACT

Professor Angela Dulhunty
Ryanodine receptor regulation in health and disease
Dr NA Beard Centre for Research in Therapeutic Solutions, University of Canberra, ACT
Various aspects of ryanodine receptor physiology
Dr D Laver Hunter Medical Research Institute, University of Newcastle, Newcastle, NSW
Contribution of splicing defects and mutations on ryanodine receptors function
Professor RT Dirksen and Dr L Wei Department of Pharmacology and Physiology, University of Rochester Medical Centre, Rochester, NY, USA
Actions of triadin and calsequestrin on excitation-contraction coupling
Professor RT Dirksen and Dr L Wei Department of Pharmacology and Physiology, University of Rochester Medical Centre, Rochester, NY, USA
CPVT mutations in the cardiac RyR and CCD mutations in the skeletal RyR
Professor T Wagenknecht and Dr Z Liu Wadsworth Center, New York State Department of Health, Albany, NY, US
The 3D location of the binding domains in RyR1
Assistant Professor M Samso Department of Physiology and Biophysics, Virginia Commonwealth University, Richmond, VA, USA
Abnormalities in ryanodine receptor activity in human heart failure
Professor C dos Remedios Department of Anatomy, The University of Sydney, Sydney, NSW
Single channel activity of RyRs from normal human and DM1 muscle
Professor K North and Dr N Clarke Discipline of Paediatrics and Child Health, The Children’s Hospital at Westmead, The University of Sydney, Sydney, NSW
New cardiac ryanodine receptor inhibitors for the treatment of heart failure
Professor L Arnolda Canberra Hospital, Canberra, ACT and ANU Medical School, The Australian National University, Canberra, ACT
Mutations in CLIC-2 proteins leading to ryanodine receptor channelopathy heart failure and intellectual deficit
Professor C Schwartz and Dr E Axelov JG Self Research Institute of Human Genetics, Greenwood Genetic Center, Greenwood, SC, USA and Department of Physics, Computational Biophysics and Bioinformatics, Clemson University, Clemson, SC, USA
Actions of φ-LITX-Lw1a on ryanodine receptors

Dr Julia Ellyard and Professor Carola Vinuesa
Loss-of-fucntional variants in AIRE
Professor P Peterson and Dr M Saare Institute of Molecular and Cell Biology, University of Tartu, Estonia
IFN-alpha secretion in SLE
Professor P Hertzog Centre for Innate Immunity and Infectious Diseases, Monash Institute of Medical Research, Melbourne, VIC

Dr Anselm Enders
Analysis of the putative phospholipid transporter ATP11C
Professor S Broer Research School of Biology, The Australian National University, Canberra, ACT
Analysis of liver tumor development in ATP11C deficient mice
Professor N Teoh Canberra Hospital, Canberra, ACT
Analysis of MAIT cell development and function in PLZF mutant mice
Professor D Godfrey Department of Microbiology and Immunology, University of Melbourne, Melbourne, VIC
Analysis of MHC invariant chain processing and development of dendritic cells in SPP1L2A deficient mice
Professor J Villadangos Department of Microbiology and Immunology, University of Melbourne, Melbourne, VIC
Genetic analysis of humans with immunodeficiency of unknown aetiology
Professor H Eibel and Professor S Ehl Centre for Chronic Immunodeficiency, Freiburg, Germany and Professor K Schwarz University of Ulm, Ulm, Germany
Effects of the beta subunit of the DHPR on excitation-contraction coupling
Professor M Schneider Biochemistry and Molecular Biology, University of Maryland School of Medicine, Baltimore, MD, USA
Professor Chris C Goodnow
Human antibody repertoires
Dr D Dunn-Walters King’s College, London, UK Professor D Kipling Cardiff University, Cardiff, UK

Professor Chris C Goodnow and Dr Edward M Bertram
Mutagenetix – A database of mutations and phenotypes induced by ENU
Professor B Beutler University of Texas Southwestern Medical Center, Dallas, Texas, USA
International Mouse Phenotyping Consortium
Professor S Brown MRC Harwell, Oxford, UK

Professor Chris C Goodnow, Dr Edward M Bertram, Associate Professor Guna Karupiah, Dr Anselm Enders and Dr Katrina Randall
Systems approach to Inflammation and Immunity
Professor R Ulevitch The Scripps Research Institute, La Jolla, CA, US
Professor B Beutler University of Texas Southwestern Medical Center, Dallas, Texas, USA Dr A Aderem and Institute for Systems Biology, Seattle, WA, US Dr G Nolan Department of Microbiology and Immunology, Stanford University, Palo Alto, CA, US

Professor Chris C Goodnow and Dr Michael Dobbie
Australian Phenomics Network Project: ES cell to Mouse Service
Associate Professor I Smyth Department of Biochemistry and Molecular Biology Faculty of Medicine, Nursing and Health Sciences, Monash University, Clayton, VIC
Australian Phenomics Network Project: ENU Variant Collection
Professor B Kile Chemical Biology Division, Walter and Eliza Hall Institute of Medical Research, Melbourne, VIC
Professor S Foote Australian School of Advanced Medicine, Faculty of Human Sciences, Macquarie University, Sydney, NSW

Australian Phenomics Network Project: Mouse Pathology
Professor John Furness Autonomic and Sensory Neuroscience Laboratory, University of Melbourne, Melbourne, VIC
Professor N Dear Research and Biomedical Services, South Australian Health and Medical Research Institute, Adelaide, SA
Australian Phenomics Network Project: Australian Phenome Bank Cryopreservation
Dr P Sharp Animal Resources Centre, Murdoch University, Canningvale, WA
Australian Phenomics Network Project: Rvai technologies
Professor K Simpson Gene Regulation Laboratory, Peter MacCallum Cancer Centre, Melbourne, VIC
Associate Professor L Winteringham Leukaemia Research Group, The Harry Perkins Institute of Medical Research, Nedlands, WA
Dr R Dickins Molecular Medicine Division, Walter and Eliza Hall Institute of Medical Research, Melbourne, VIC

Professor Chris C Goodnow, Mr Yogesh Jeealal, Professor Matthew C Cook, Dr T Dan Andrews and Mr Matthew Field
Developing novel deep sequencing methods for tracking human lymphoma mutations
Dr D Talaulikar Canberra Hospital, Canberra, ACT

Professor Chris C Goodnow and Dr Ian Parish
Imaging proximal T cell signalling
Professor K Gaus Centre for Vascular Research, University of New South Wales, Sydney, NSW
Characterisation of an ENU mutant mouse line with a defect in gut peristalsis
Professor H Young and Professor J Furness Department of Anatomy and Neuroscience, University of Melbourne, Melbourne, VIC

Professor Chris C Goodnow and Professor Carola G Vinuesa
Immunity and Infection Genomics Consortium
Dr R Cornall Nuffield Department of Clinical Medicine, Oxford University, Oxford, UK Professor J Bell The Weatherall Institute of Molecular Medicine, Oxford University, Oxford, UK Professor W Britton and Dr B Saunders Centenary Institute of Cancer Medicine and Cell Biology, The University of Sydney, Sydney, NSW Professor M Lathrop National Centre for Genotyping, Evry, France

Professor Chris C Goodnow, Professor Carola G Vinuesa and Professor Matthew C Cook
Molecular and cellular studies of the adaptive immune response in health and disease
Professor C Mackay and Professor F Mackay-Fisson, Monash University, Clayton, VIC Professor J Sprent, Emeritus Professor A Basten, Dr S Tangye, Dr R Brink and Dr Daniel Christ, Garvan Institute of Medical Research, Sydney, NSW

Professor Chris C Goodnow, Dr Steve WInslate and Dr T Dan Andrews
Framework Data Sets
Mr A Gilbert Bioplatforms Australia, Sydney, NSW

Professor Jill E Gready
Characterization of natural variation of photosynthetic genes of potato for breeding improved cultivars with increase productivity and nutritional benefits
Dr D Ellis International Potato Center, Lima, Peru
Development of ANU technology for the design of variant Rubisco proteins with improved catalytic activity
Professor JE Evans Research School of Biology, The Australian National University, Canberra, ACT Dr J van Rie and Dr A Gallé Bayer CropScience, Ghent, Belgium
Dr Rebecca Haddock
Role of NOX-2 in obesity-related hypertension
Associate Professor GG Drummond
Department of Pharmacology, Monash University, Melbourne, VIC
Role of immune cell derived NGF in hypertension
Dr A Vinh Department of Pharmacology, Monash University, Melbourne, VIC

Associate Professor Gavin Huttley
Reconstruction of coral phylogeny
Dr S Forêt Research School of Biological Sciences, The Australian National University, Canberra, ACT
Mathematical models of sequence divergence
Dr C Burden Mathematical Sciences Institute, The Australian National University, Canberra, ACT
Annotation of novel genomes; and, identifying genes undergoing natural selection
Dr A Papanicolaou CSIRO Ecosystem Sciences, Canberra, ACT
Development of a software library for genomic biology; numerous other projects related to the evolutionary dynamics of sequence divergence
Professor R Knight Department of Chemistry and Biochemistry, University of Colorado, Boulder, CO, USA
Development of Markov-process models to measure the influence of sequence-neighbourhoods on mutation dynamics
Associate Professor VB Yap Department of Statistics and Applied Probability, National University of Singapore, Singapore

Associate Professor Gavin Huttley and Dr Ása Pérez-Bercoff
Understanding the genetic causes of virulence in fungal pathogens
Professor W Meyer Molecular Mycology Research Laboratory, Centre for Infectious Disease and Microbiology, Westmead Millennium Institute, Westmead Hospital, Sydney Medical School Westmead, The University of Sydney, Westmead, NSW
Professor H Nevalainen and Professor I Paulsen Department of Chemistry and Biomolecular Sciences, Macquarie University, Sydney, NSW

Dr Andrew James
Multimodal multifocal neuroimaging of human visual cortex
Dr S Vanni Clinical Neurosciences, Neurology; University of Helsinki and Helsinki University Hospital, Helsinki, Finland
Retinotopy constrained EEG source reconstruction without fMRI
Dr SA Inverso Wyss Institute, Harvard University, Boston, USA

Mr Yogesh Jeelall
Omenn-like syndrome associated with a functional reversion due to a somatic second-site mutation in CARD11 deficiency
Professor S Ehl and Dr S Fuchs Center for Chronic Immunodeficiency (CCI), University Medical Center and University of Freiburg, Freiburg, Germany

Dr Ben Kaehler
Genetic distance for a general non-stationary Markov Substitution Process
Associate Professor VB Yap Department of Statistics and Applied Probability, National University of Singapore, Singapore
Lessons from Nature
Dr H Trueman CSIRO Ecosystem Sciences, Canberra, ACT

Associate Professor Guna Karupiah and Dr Geeta Chaudhri
Modulation of the immune response by virus-encoded cytokine homologs
Professor M Buller St Louis University, St Louis, MO, US
Professor A Alcamí Centro de Biología Molecular Severo Ochoa, Madrid, Spain
Induction of long-lived antiviral humoral immunity
Dr T Newsome School of Molecular Bioscience, University of Sydney, Sydney, NSW
Actin-based motility as a virulence mechanism and potential as an antiviral target
Professor A Alcamí Centro de Biología Molecular Severo Ochoa, Madrid, Spain

Professor Trevor D Lamb
Evolution of vertebrate photoreceptors
Professor D Hunt, Associate Professor N Hart, Dr WIL Davies and Professor SP Collin School of Animal Biology, University of Western Australia, Perth, WA
Responses of human cone photoreceptors measured from the electroretinogram
Dr O Mahroo Retinal Service, Moorfields Eye Hospital, London, UK
Associate Professor Brett Lidbury
Systematic review and meta-analyses as a complementary technique to enhance predictions from pattern recognition involved in a novel animal replacement system
Professor M Ritkes-Hoitinga and Dr K Wever SYRCLE, Radboud University Nijmegen, The Netherlands
Pattern recognition in pathology data and in vitro validation of diagnostic data networks
Associate Professor T Badrick Faculty of Health Sciences and Medicine, Bond University, Gold Coast, QLD
Viral diseases and genetics of the host response
Associate Professor M Heise Department of Genetics, University of North Carolina, Chapel Hill, NC, USA
Metabolomic profiles and clinical microbiology of ME-CFS
Dr Neil McGregor, Associate Professor P Gooley and C Armstrong Bio21 Institute and University of Melbourne, Melbourne, VIC
Immunology of ME-CFS
Professor S Marshall Griffith Health Institute, Griffith University, Gold Coast, QLD
Biomedical and clinical study of ME-CFS patients
Dr D Lewis CFS Discovery, Donvale Specialist Medical Centre, Donvale, VIC

Professor Ted Maddess
Multifocal visual evoked potentials
Dr S N Abdullah Raja Isteri Pengiran Anak Saleha (RIPAS) Hospital, Bandar Seri Begawan, Brunei
Structure and interactions of the squid retinal molecule
Professor Y Nagai and Dr M Kito Kokusikan University, Tokyo, Japan
Causes of glaucoma
Professor WE Sponsel and Dr M Reilly Department of Biomedical Engineering, University of Texas, San Antonio, TX, USA
Texture discrimination
Professor JD Victor Brain and Mind Research Institute and Department of Neurology, Cornell Weill Medical College, New York, NY, USA
Diabetic retinopathy and macular degeneration
Professor C Nolan and Dr RW Essex ANU Medical School, The Australian National University, Canberra, ACT
Migraine, epilepsy and stroke
Professor C Lueck ANU Medical School, The Australian National University, Canberra, ACT

Dr Claudio A Mastronardi
Mediators of inflammation
Dr J Fernandez-Solari Faculty of Dentistry, University of Buenos Aires, Buenos Aires City, Argentina and National Council for Scientific and Technical Research (CONICET), Argentina
P Barrionuevo Medical Research Institute (National Academy of Medical Research – CONICET), Buenos Aires City, Argentina

Dr Claudio A Mastronardi, Associate Professor Mauricio Arcos-Burgos and Dr Gilberto Paz-Filho
Neuroinflammation in Caspase-1−deficient mice
Dr M Zanoni University of Verona, Verona, Italy Professor J Licinio and Professor M-L Wong South Australian Health and Medical Research Institute and Flinders University of South Australia, Adelaide, SA

Dr Claudio A Mastronardi, Dr Gilberto Paz-Filho, Ms Belinda Whittle and Mr Robert Tuningley
Dried blood spot sampling for the measurement of HbA1c
Ms T Neeman Statistical Consulting Unit, The Australian National University, Canberra, ACT

Dr Maxim Nekrasov
CINDy – Chromosome Interaction Network Dynamics in adipose stem cells
Professor P Collas Department of Biochemistry, Institute of Basic Medical Sciences, University of Oslo, Oslo, Norway
The role of Histone variants in formation of fear memory
Dr T Bredy Queensland Brain Institute, The University of Queensland, Brisbane, QLD

Professor Christopher Parish
Role of platelets in tumour metastasis
Professor B Chong School of Pathology, The University of New South Wales, Sydney, NSW
Studies of immune thrombocytopenia
Professor B Chong School of Pathology, The University of New South Wales, Sydney, NSW Professor L Khachigian Centre for Vascular Research, The University of New South Wales, Sydney, NSW
Nuclear localisation of heparanase and other proteins
Professor R Stocker Department of Pathology, The University of Sydney, Sydney, NSW Professor L Khachigian Centre for Vascular Research, The University of New South Wales, Sydney, NSW Associate Professor S Rao Faculty of Applied Science University of Canberra, Canberra, ACT
Novel angiogenesis inhibitors
Dr P Karuso Department of Chemistry and Biomolecular Sciences, Macquarie University, Sydney, NSW Dr M Kelso School of Chemistry, University of Wollongong, Wollongong, NSW
Islet heparan sulfate and type I diabetes
Professor R Rodgers Department of Obstetrics and Gynaecology, University of Adelaide, Adelaide, SA Professor T Kay St Vincent’s Institute, Melbourne, VIC
Targeted mistletoe tumour therapy
Associate Professor L Simson Faculty of Applied Science University of Canberra, Canberra, ACT
Dr Hardip Patel
Effect of placental gene expression on cord blood during asthma
Associate Professor V Clifton
Robinson Research Institute, University of Adelaide, Adelaide, SA
Physical mapping and assembly of the Pogona vitticeps genome
Professor A Georges and Associate Professor J Deakin
Institute for Applied Ecology, University of Canberra, Bruce, ACT
Dosage compensation of sex chromosomes in snakes
Dr P Waters
Research School of Biology, The Australian National University, Canberra, ACT
Dr D O’Meally
Institute for Applied Ecology, University of Canberra, Canberra, ACT
Immune genes in the developing tammar wallaby (Macropus eugenii)
Associate Professor J Deakin
Institute for Applied Ecology, University of Canberra, Canberra, ACT

Dr Hardip Patel, Dr Gilberto Paz-Filho, Claudio Mastronardi, Mr Angad Johar, Mr Aaron Chuah and Professor Mauricio Arcos-Burgos
Whole exome sequencing of endocrine disorders: Translational studies in obesity and thyroid disorders.
Professor M Boguszewski and Professor C Boguszewski
Universidade Federal do Paraná, Department of Pediatrics, Brazil
Professor M-L Wong and Professor J Licinio
South Australian Health and Medical Research Institute, Adelaide, SA

Dr Gilberto Paz-Filho
Studies on leptin deficiency, antidepressant-induced obesity, and mood disorders
Professor M-L Wong and Professor J Licinio
South Australian Health and Medical Research Institute, Adelaide, SA
Congenital leptin deficiency
Professor T Delibasi
Department of Endocrinology, Hacettepe University, Turkey
Adipose tissue biology
Professor S Bornstein and Dr M Ehrhart-Bornstein
University of Dresden, Dresden, Germany
Pathology testing through dried blood spot
MyHealthTest Pty Ltd, Canberra, ACT
Leptin in Alzheimer’s disease
Dr W (Scoot) Kim, University of New South Wales, Sydney, NSW

Mr Alvin Pratama
MicroRNA-146a represses T follicular helper cell accumulation
Dr R Casellas
Genomics and Immunity Section, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health, Bethesda, MD, USA
Dr A Hutloff
Chronic Immune Reactions Group, German Rheumatism Research Centre Berlin, Berlin, Germany

Professor Thomas Preiss
The human Piwi protein Hiwi2 associates with tRNA-derived piRNAs in somatic cells
Associate Professor G Hutvagner
University of Technology, Sydney, NSW
Associate Professor C Suter
The Victor Chang Cardiac Research Institute, Sydney, NSW
Dr T Beilharz
Children’s Hospital Oakland Research Institute, Oakland, CA, USA
The prevalence and roles of 5-methylcytosine in eukaryotic transcriptomes
Associate Professor C Suter
The Victor Chang Cardiac Research Institute, Sydney, NSW
Exploring the role of microRNA and target processing variability in cardiac hypertrophy
Professor R Graham
The Victor Chang Cardiac Research Institute, Sydney, NSW
Dynamics of ribosome scanning and recycling revealed by steady-state translation profiling
Dr T Beilharz
Monash University, Melbourne, VIC
Translational control of the EBV-encoded nuclear antigen, EBNA1
Dr J Tellam
Queensland Institute of Medical Research, Brisbane, QLD
Developmental defects of the gastrointestinal tract caused by dysfunction of a RNA binding protein

**Professor P Tam** Children’s Medical Research Institute, Sydney, NSW

Exploring the interface between RNA, enzymes and metabolites in cardiomyocytes

**Professor M Hentze** European Molecular Biology Laboratory (EMBL), Heidelberg, Germany

The role of miRNAs in the generation of IPS cells

**Professor A Nagy and Dr I Rogers** Lunenfeld-Tanenbaum Research Institute, Toronto, ON, Canada

**Professor J-S Seo** Genomic Medicine Institute (GMI), Medical Research Center, Seoul National University, Seoul, Korea

**Professor J Rasko** Gene and Stem Cell Therapy Program, Centenary Institute, Camperdown, NSW

**Professor A Heck** Biomolecular Mass Spectrometry and Proteomics Group, Bl Stress Center for Biomolecular Research and Utrecht Institute for Pharmaceutical Sciences, Utrecht University, Utrecht, The Netherlands

**Professor S Grimmond** Institute for Molecular Bioscience, The University of Queensland, Brisbane, QLD

Post-transcriptional control of gene expression in inflammation

**Professor A Ostareck-Lederer** and **PD Dr D Ostareck** University Hospital Aachen, RWTH Aachen University, Aachen, Germany

Dr Charani Ranasinghe

**HIV envelop antibody studies**

**Dr R Center** Department of Microbiology and Immunology, The University of Melbourne, Melbourne, VIC

**HIV-1 Pox-viral vaccine vectors**

**Dr D Boyle** CSIRO Livestock Industries, Australian Animal Health Laboratory, Geelong, VIC

**HIV-1 mucosal vaccines and murine influenza-HIV-1 studies**

**Dr J Stambas** Deakin University and CSIRO Animal Health Laboratories, Geelong, VIC

**TNF family members and immune responses to infection**

**Dr L Sedger** School of Medical and Molecular Biosciences, The University of Sydney, Sydney, NSW

**Mucosal HIV, TB vaccines and CD8 T-cell avidity**

**Professor A Ramsay** Gene Therapy Program, Louisiana Vaccine Centre, Louisiana State University Health Sciences Centre, New Orleans, LA, USA

**Human HIV-specific T cell immunity & T cell avidity studies**

**Professor A Kelleher** Immunovirology and Pathogenesis Program NCHECR, The University of New South Wales, Sydney NSW and St Vincent’s Centre for Applied Medical Research, Sydney, NSW

**HIV/SIV macaque vaccine studies**

**Professor S Kend** and **Dr R De Rose** Department of Microbiology and Immunology, The University of Melbourne, Melbourne, VIC

**Mucosal vaccine strategies against Chlamydia**

**Professor K Beagley** Institute of Health and Biomedical Innovation, Queensland University of Technology, Brisbane, QLD

**Evaluation of a murine HIV challenge model**

**Professor A Suhrbier** QIMR Berghofer Medical Research Institute, Brisbane, QLD

Dr Katrina Randall

**DOCK8 in T cells**

**Dr J Oliaro** Peter MacCallum Cancer Centre, Melbourne, VIC

Dr Danny Rangasamy

Towards repurposing antiviral drugs in the treatment of psoriasis

**Professor J-P Molès**, Institut national de la santé et de la recherche médicale, Montpellier, France

Exploring the role of L1 retrotransponson and Rad21 in CRC Cancer

**Dr X Huling** Peter MacCallum Cancer Centre, Melbourne, VIC

**Prognostic value of LINE-1 retrotransponson expression in breast cancer**

**Professor JE Dahstrom** Anatomical Pathology, ACT Pathology, Canberra Hospital and ANU Medical School, The Australian National University, Canberra, ACT

Analysis of epigenetic factors in mouse embryonic neural stem cells exposed to hyperglycemia

**Professor ST Dheen** Department of Anatomy, National University of Singapore, Singapore

**Insertional mutagenesis system to identify epigenetic factors that control embryonic stem cells differentiation**

**Dr N Lenka** National Centre for Cell Science, Pune University Campus, Ganeshkhind, Pune, India

Dr Daniel Ryan

**Structural and functional analysis of a cancer-linked co-regulator complex**

**Professor J Mackay** School of Molecular Biosciences, University of Sydney, Sydney, NSW

Acetylation of histone H3 at lysine 64 regulates nucleosome dynamics and facilitates transcription

**Dr R Schneider** Department of Functional Genomics, Institut de Génétique et de Biologie Moléculaire et Cellulaire (IGBMC), CNRS UMR, Strasbourg, France
Dr Charmaine J Simeonovic  
**Heparan sulfate expression in human pancreas, isolated human islets and islet transplants**  
**Professor S Bornstein** and **Dr B Ludwig**  
University Clinic Carl-Gustav-Carus, Technical University, Dresden, Germany  
Heparan sulfate and heparanase expression in human pancreas  
**Clinical Associate Professor JD Wilson**  
Department of Endocrinology, Canberra Hospital, Canberra, ACT

Dr Charmaine J Simeonovic, **Ms S Dhounchak** and **Professor Christopher R Parish**  
**Loss of islet heparan sulfate in T2D in db/db mice**  
**Professor T Biden** and **Dr R Laybutt**  
Garvan Institute of Medical Research, Sydney, NSW

Dr Charmaine J Simeonovic and **Professor Christopher R Parish**  
**Protection of human islet beta cells by heparin and HS-mimetics**  
**Professor T Kay, Dr H Thomas** and **Dr T Loudovaris**  
Immunology and Diabetes Unit, St Vincent’s Institute, Melbourne, VIC  
**Professor A Pugliese**  
Diabetes Research Institute, Department of Medicine, Division of Diabetes, Endocrinology and Metabolism, and Department of Microbiology and Immunology, University of Miami Miller School of Medicine, Miami, FL, USA

Dr Zan-Min Song  
**Non-enteric phenotype of Hirschsprung's disease**  
**Associate Professor D Croaker**  
Canberra Hospital, Canberra, ACT  
Surgical intervention to rescue Hirschsprung’s disease in a rat model  
**Professor H Young** and **Professor J Furness**  
Department of Anatomy and Neuroscience, University of Melbourne, Melbourne, VIC

Associate Professor  
**Christian Stricker**  
**Short-term dynamics in small networks**  
**Dr M McDonnell**  
Institute of Telecommunications Research, University of South Australia, Adelaide, SA

**Professor Greg J Stuart**  
**Action potential initiation and interaction with inhibitory synaptic events**  
**Professor M Häusser**  
The Wolfson Institute for Biomedical Research, University College, London, UK  
Dendritic activity and neuronal output during sensory perception  
**Dr L Palmer**  
The Florey Institute of Neuroscience and Mental Health, University of Melbourne, Melbourne, VIC

**Professor David Tremethick**  
The role of histone variants in modulating chromatin fibre dynamics  
**Dr K Luger**  
Department of Biochemistry and Molecular Biology, Colorado State University, Fort Collins, CO, USA  
The role of histone variants during spermatogenesis  
**Dr J Bowles**  
Institute for Molecular Bioscience, University of Queensland, Brisbane, QLD  
Chromatin function in differentiation and cancer  
**Professor SA Grigoryev**  
Department of Biochemistry and Molecular Biology, Milton S Hershey Medical Centre, Penn State University College of Medicine, Hershey, PA, USA  
Regulation of promoter architecture: global changes in H2A.Z nucleosomes during differentiation and cancer  
**Dr JH Dennis**  
Department of Biological Science, The Florida State University, Tallahassee, FL, USA  
Post translational modifications of histone variants and their role in transcription and pre mRNA splicing  
**Professor Dr U-M Bauer**  
Institute for Molecular Biology and Tumor Research, Philipps-University Marburg, Germany

Dr Krisztina Valter  
**Slow-release treatment options in drug delivery to the retina**  
**Professor S Bisti**  
University of L’Aquila, L’Aquila, Italy  
The effects of VCP treatment in the degenerative retina  
**Professor GJ Kotwal**  
Kotwal Bioconsulting and St Kitts Medical School, WI, USA  
**Professor GJ Arason**  
University of Iceland, Reykjavik, Iceland  
Muller cell reactive gliosis and its control, using in vivo and in vitro models  
**Dr M Madigan**  
Save Sight Institute, University of Sydney, Sydney, NSW and Department of Optometry, University of NSW, Sydney, NSW  
670 nm red light treatment in retinal degenerations  
**Professor JT Eells**  
University of Wisconsin, Milwaukee, WI, USA  
The effects on 670 nm light in retinal damage  
**Dr R Essex**  
ANU Medical School, The Australian National University, Canberra, ACT  
Oxygen-induced retinopathy and 670 nm light  
**Professor JE Dahlstrom**  
Anatomical Pathology, ACT Pathology, Canberra Hospital and ANU Medical School, The Australian National University, Canberra, ACT  
**Dr A Kent, Dr R Essex** and **Dr A-L Mohamed**  
ANU Medical School, The Australian National University, Canberra, ACT, and ACT Health, The Canberra Hospital, Canberra, ACT
**Professor Carola G Vinuesa**
Ontogenic relationship between Tregs and follicular regulatory T cells

**Professor A Liston**, University of Leuven, Leuven, Belgium
B cell signatures in SLE

**Professor V Pascual** Center for Inflammation and Autoimmune Diseases and Center for Personalized Medicine, Baylor Institute, Dallas, TX, USA
Role of Dopamine in antibody responses

**Dr C Doglioni**, Department of Pathology, San Raffaele Hospital, Milan, Italy
Single cell investigation of B cell differentiation and switching

**Dr J Polo** Department of Anatomy and Developmental Biology, Monash University, Melbourne, VIC
**Dr K-M Toellner** Institute of Immunology and Immunotherapy, College of Medical and Dental Sciences, University of Birmingham, Birmingham, UK
MicroRna transcription and CRISPR/Cas9 DNA editing

**Dr R Casellas** Genomics and Immunity Section, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health, Bethesda, MD, USA
Insights from Roquin crystal structure into miRNA/mRNA regulation

**Dr J Babon** The Walter and Eliza Hall Institute for Medical Research, Melbourne, VIC

**Professor Carola G Vinuesa, Professor Matthew Cook, Dr Dan Andrews, Mr Matthew Field and Dr Anselm Enders**
Identification of novel and rare mutations in autoimmunity

**Dr S Alexander** The Children’s Hospital at Westmead, Westmead, NSW
**Associate Professor D Fulcher** Department of Immunopathology, The Children’s Hospital at Westmead, Westmead, NSW
**Professor R Kitching** Faculty of Medicine, Nursing & Health Sciences, Monash University, Melbourne, VIC
**Professor N Shen** Jiao Tong University, Shanghai, China
**Professor E Morand** School of Clinical Sciences, Monash Health and Faculty of Medicine, Nursing & Health Sciences, Monash University, Melbourne, VIC

**Professor Ian G Young**
Role of IL-3 receptor in myeloid leukaemia

**Professor YZ Chen** and **Dr Y Wu** Fujian Medical University, Fuzhou, China
Cytokine receptors

**Dr J Murphy** Molecular Medicine Division, Walter and Eliza Hall Institute of Medical Research, Melbourne, VIC
Role of cytokines in allergic inflammation

**Professor PS Foster** School of Biomedical Sciences and Pharmacy, University of Newcastle, Newcastle, NSW
**Systems Approach to Immunity and Inflammation**

A project in its second 5 year funding cycle with the overall goal to identify and characterise novel regulators of the immune response to NIAID Priority Pathogens

**Professor B Beutler** University of Texas Southwestern Medical Center, Dallas, TX, USA

**Professor R Ulevitch** The Scripps Research Institute, La Jolla, CA, USA

**Professor A Aderem** Department of Immunology, University of Washington, Seattle, WA, USA

**Professor G Nolan** Stanford University Palo Alto, CA, USA

**International Mouse Phenotyping Consortium**

The goal of the International Mouse Phenotyping Consortium (IMPC) is to discover functional insight for every gene by generating and systematically phenotyping 20,000 knockout mouse strains. The APN missense mutation library is linked by gene to the IMPC and MGI JAX databases so that researchers from around the world can easily access the APN resource.

**Professor S Brown** (Chair), Harwell MRC, Harwell Science and Innovation Campus Oxfordshire, UK

**Asian Mouse Mutagenesis and Resource Association-Asian Mouse Phenotyping Consortium**

The Asian Mouse Mutagenesis and Resource Association (AMMRA) is a collaborative group for the development, archiving/distribution, coordination of phenotyping and informatics of mutant mice in Asia.

**Professor X Gao** (President) National Resource Center of Mutant Mice (NRCMM), Nanjing University, China

**Korean Mouse Phenotyping Consortium**

**Professor JK Seong** Seoul National University, Seoul, Korea

**Dr KT Nam** Yonsei University, Seoul, Korea

**Hunter Genetics/ Rare Voices**

Hunter Genetics have used the exome discovery pipeline to identify rare variants.

**Dr T Dudding, Dr B Kamien, Dr H Goel** and **Dr A Ronan** Hunter Genetics, Waratah, NSW

**Dementia Collaborative Research Centre**

**Associate Professor N Cherbuin** Research School of Population Health, The Australian National University, Canberra, ACT, ANU

**Mutagenetix**

A database of mutations and phenotypes induced by ENU

**Professor B Beutler** University of Texas Southwestern Medical Center, Dallas, TX, USA

**Framework Data Sets**

**Mr A Gilbert** Bioplatforms Australia, Sydney, NSW
Staff and Student Lists

Department of Genome Biology
Department of Immunology
Eccles Institute of Neuroscience
Department of Molecular Bioscience
Department of Pathogens and Immunity
Australian Phenomics Facility
School Administration
School Services
The ACRF Biomolecular Resource Facility
Genome Discovery Unit
Imaging and Cytometry Facility
Students
Professor and Head of Department
Tremethick DJ, BSc(Hons), (USyd), PhD (MQ)

Departmental Administrator
Stenhouse J, BA

Chromatin and Transcriptional Regulation Group

Professor and Leader
Tremethick DJ, BSc(Hons), (USyd), PhD (MQ)

Research Fellow
Soboleva T, MSc (MSU), PhD (MSU)

Postdoctoral Fellows
Dornaschenz RM, BSc(Hons) (Adel), PhD (Cambridge) (from February) (casual)
Nekrasov M, PhD (Heidelberg)
Ryan DP, BSc(Hons) (USyd), PhD

Visiting Fellows
Cook AJL, BMedSci(Hons) (USyd), PhD (USyd)
Dornaschenz RM, BSc(Hons) (Adel), PhD (Cambridge) (from February)
Hapel A (until September)
Parker B, BSc (UQ), MBBS (UQ), PhD (USyd) (from April)
Shannon MF, BSc(Hons), PhD (National University of Ireland)
Westman B, BSc(Hons) (USyd), PhD

Computational and Conceptual Biology Group

Professor and Leader
Gready JE, BSc(Hons), PhD (USyd), FRACI

Senior Research Officers
Cummins PL, BSc(Hons), PhD (USyd)
Karnappan B, BSc (Madaras), MSc, PhD (Pune)
Matthews PR, BSc(Hons), PhD (ANU)

Research Officers
Kane H, PhD (part-time)

Postdoctoral Fellows
Poire R (from April)
Vassilieva T, MSc (Novosibirsk)
Wallace MJ, BSc (Wollongong) (until January)

Research Assistants
Delbridge M (part-time)
Howles P, BA (USyd), BSc (Adel), BSc(Hons), PhD (part-time)
Mani-George A, BSc, (Mahatma Gandhi, India), MSc (Bharathiar, India)
Miraghasadeh B (from April)

Visiting Fellows
Armarego W, PhD, DSc (ULond), FRSC, FRACI

Genome Diversity and Health Group

Professor and Leader
Easteal S, BSc(Hons) (St Andrews), MBA, PhD (Griffith)

Postdoctoral Fellow
Das D, BSc(Hons) (Presidency College, Kolkata), MSc (Madurai Kamalai), PhD (JNCASR, Bangalore)

Senior Technical Officer
Tan X, BSc (Shandong), MSc (China Pharmaceutical)

Associate Professor and Leader
Huttley GA, BSc(Hons) (MQ), PhD (UC Riverside)

Postdoctoral Fellows
Kaehler B, BSc (UNSW), BEng(Hons)
UNSW, MQuantitative Finance (UTS), PhD
Pérez-Bercoff Â, PhD (Dublin)

Visiting Scholar
Zhu Y
National Center for Indigenous Genomics (from February)

**Professor and Director**
Eastal S, BSc(Hons) (St Andrews), MBA, PhD (Griffith)

**Manager**
Dobbie M, PhD (from September)

**Research Officer**
Brown K, PhD (from September)

**Research Assistants**
Pryce K, BAppSci (UHAn, Nijmegen), BTech (Gilde College, Venlo)

**Visiting Fellow**
Kowal E, MBBS (UMelb), BA (UMelb), PhD (UMelb) (from June)

RNA Biology Group

**Professor and Leader**
Preiss T, Dipl Chem (Philipps University Marburg Germany), PhD (Newcastle upon Tyne), Habil (Heidelberg)

**Research Fellows**
Clancy JL, BSc(Hons) (UNSW), PhD (UNSW)

**Postdoctoral Fellows**
Beveridge N, (UNewcastle) (until June)
Duan G, PhD (from March)
Kurscheid S, PhD (from December)
Liao Y, PhD (UC Davis)
Patel H, BPharm, MBiotech, PhD

**Senior Technical Officer**
Pagler E, BSc (Santo Tomas)

**Visiting Fellows**
Archer SK, BSc(Hons), PhD (from September)
Serra M, BA (Tarkio), PhD (Ohio U) (February – May)
Shankar R (until July)

Translational Genomics Group

**Associate Professor and Leader**
Arcos-Burgos M, MD, PhD (University of Cauca, Colombia)

**Research Fellows**
Lidbury BA, BSc(Hons) (Newcastle), PhD (from February)
Mastronardi CA, PhD (University of Buenos Aires, Argentina) (from February)
Paz-Filho G, MD (Universidade Federal do Paraná, Brazil) (from February)

**Research Assistant**
Cai Y, BMed (Beijing Medical University, China)

**Visiting Fellows**
Badrick T, BAppSci (QIT), BSc (UQ), BA (UQ), MLit (UQ), MBA (UQ), PhD (QUT), PhD (UQ)
Cummins T, BSc(Hons) (Adel), PhD (UQ) (from August)
Richardson AM, BAI(Hons) (Well), MStats, PhD

**Visiting Scholar**
Shang GF, Master of Medical Immunology (Tongji Medical University, China)
Silva Lara M-F, BSc, MSc (from September)

**School Visitor (Statistical Consulting Unit, ANU)**
Neeman T, BA (Harvard), MA, PhD (Virginia)

Departmental Visiting Fellows

Barlin G, PhD, DSc (USyd), FRACI
Cox G, BSc, PhD (UMelb), FAA
Denborough M, MD, ChB (Cape Town), MD (UMelb), DPhil (Oxon), DSc (UMelb), FRCP
Morrison JE, BSc (USyd), MSc (UQ), DPhil (Oxon), DSc
IMMUNOLOGY

Professor and Head of Department
Goodnow CC, BSc(Vet) (USyd), BVSc(Hons) (USyd), PhD (USyd), FAA, FRS, NAS

Departmental Administrator
Well ETF

Cancer and Vascular Biology Group

Professor and Leader
Parish CR, BAgrSc (UMelb), PhD (UMelb)

Research Fellow
Quah B, BSc, PhD

Postdoctoral Fellow
Coupland L, BSc(Hons), PhD, RN

Visiting Fellows
Chong G, MBBS (Hons), BMedSc (Monash) FRACS, FRCS (C) FRCS (E), Diplomate, American Board of Surgery (USA)
Cooper PD, BSc (Hons) (ULond), PhD (ULond), DSc (ULond)
Freeman C, BSc(Hons) (Adel), PhD (Adel)
Hindmarsh EJ, BSc(Hons) (USyd), PhD
Li RW, MD (China Medical University), PhD (Southern Cross)
Price J, BSc(Hons) (UMelb), PhD (UMelb)
Rao S, BSc(Hons) (Keele), PhD (Kings College Lond)
Staykova M, PhD (USofia)
Warren HS, BSc(Hons), PhD (UQ)
Wu Z, MSc (UNSW), BM (Zhongshan Medical), PhD (from May)
Xin MY, BMed (Shandong University) (until June)
Zhang DH, BMed (2nd Military Medical University, PR China)

Senior Technical Officer
Bezos A, BSc (USyd), MSc (USyd)

Technical Officer
Browne A, BA (ANU), Dip Ed (UNE) (part-time)

School Visitor
Wang J, MSc (UNSW)

Editorial/Administrative Assistant
Parish B, BSc (Madras), BSc, MSc, GradDipCompStudies (UC) (part-time)

Diabetes/Transplantation Immunobiology Laboratory

Fellow and Laboratory Leader
Simeonovic CJ, BSc(Hons), PhD

Postdoctoral Fellow
Choong FJ, BBioTech(Hons), PhD

Visiting Fellows
McCullagh P, MBBS (UMelb), DPhil (Oxon), MRCP (Lond), MD (UMelb)
Wilson JD, BSc(Hons), MBBChe, BAO(Hons), MD (Queens, Belfast), MRCP (UK), FRACP

Technical Officers
Brown D, AssDipAppPath (CIT) (casual)
Hamilton P, Certificate II (Animal Tech) (CIT) (part-time)
Popp SK, BSc, AssDipAppSci (Biol) (CIT) (part-time)

Visiting Scholar
Hayashi K (until February)

Immunogenomics Group

Professor and Laboratory Head
Goodnow CC, BVSc(Hons) (USyd), BScVet(Hons) (USyd), PhD (USyd), FAA, FRS, NAS

Laboratory Manager
Townsend M, PathTech Cert (TAFE), AssDipAppPath (Bruce TAFE)

Bioinformatics Laboratory

Bioinformatics Fellow
Andrews TD, BSc(Hons), PhD

Bioinformaticians
Cho V, BSc (Auck), PhD
Field M, BSc (Biol)/BSc (Computer Sci) (UBC)
Immune Tolerance and Signalling Laboratory

Professor and Laboratory Leader
Goodnow CC, BSc (USyd), BScVet(Hons) (USyd), PhD (USyd), FAA, FRS, NAS

Research Fellow
Bertram E, BSc(Hons) (Adel), PhD (Adel)

CJ Martin Fellows
Parish IA, BSc(Hons), PhD (WEHI)
Reed JH, BSc(Hons) (Flinders), PhD (Flinders) (until November)

Research Fellows
Daley S, BVSc (UQ), DPhil (Oxon)
Horikawa K, MD (Chiba), PhD (Tokyo)
Srivastava M, MSc (Rewa), PhD (from January)

Research Technicians
Balakishnan B, BSc(Hons)
Howard D, BSc
Kaya MS, BSc (from February)
Law H, BSc
Miosge L, BSc(Hons), PhD
Sontani Y, BSc(Hons) (Murdoch), PhD

Laboratory Assistant
Kanazawa Y (casual)

Visiting Fellows
Randall K, MB (UNSW), BS (UNSW), BSc (UNSW), FRACP, FRCPA, PhD
Reed JH, BSc (Hons) (Flinders), PhD (Flinders) (from November)
Wilson A, BSc(Hons) (UC), RN

Ramaciotti Immunization Genomics Group

Senior Research Fellow and Leader
Enders A, MD, PhD (Freiburg)

Research Technician
Barthel N, DipBiol (Freie Univ, Berlin)

Infection and Immunity Group

Associate Professor and Leader
Karupiah G, BSc(Hons), MSc (Malaya), PhD

Senior Technical Officer
Elldi P, MBBS (India), MSc (UQ) (part-time)

Visiting Fellows
Chaudhri G, BSc(Hons), PhD
Newsome TP, BSc(Hons) (UMelb), PhD (Inst Molecular Pathology, Vienna) (until July)

Molecular Mucosal Vaccine Immunology Group

Fellow and Leader
Ranasinghe C, BSc (Uni Rouen, France), MPhil (Uni Colombo), PhD (UWA)

Research Fellow
Jackson R, BSc (Hons) (Monash), PhD (Edin)

Adjunct Fellow
Sedger L, BAppSci(Hons) (UTS), PhD

Visiting Fellows
Mullbacher A, BSc, MSc (Auck), PhD
Stambas J, BSc(Hons) (UMelb), PhD (UMelb)
Wijesundara D, BSc (Hons), PhD (from March)

Visiting Technical Officers
Buchanan A, BHealthSci (UC)
Ravichandran J, BSc (India), BSc(Hons) (UMelb) (part-time)
Worley M, BSc

Visiting Scholar
El Eryani G, BSc

Translational Research Unit (joint with The Canberra Hospital)

Professor and Leader
Cook M, MB, BS (USyd), FRACP, FRCPA, PhD (USyd), FFSc(RCPA)

Postdoctoral Fellow
Sweet R, BSc (UCLA), MSc (Yale), MPhil (Yale), PhD (Yale) (from September)

Research Assistants
Chand R, BSc(Hons) (UMelb)
Lam W, BSc (Adel)
Wilson A, BSc(Hons) (UC), RN (part-time)
ECCLES INSTITUTE OF NEUROSCIENCE

Professor and Head
Stuart GJ, BSc(Hons) (Monash), PhD (ANU), FAA

Departmental Administrator
Ursino D

Senior Technical Officer
Rodda GR, PTC

Blood Vessel Group
Professor and Leader
Hill CE, BSc(Hons), PhD, DSc (UMelb)

Postdoctoral Fellow
Howitt L, BSc (USyd), PhD (UNSW) (until April)

Neuroimmunology & Cardiovascular Dysfunction Laboratory
Leader
Haddock RE, BSc (Wollongong), BSc(Hons), PhD (ANU)

Postdoctoral Fellow
Morton S, BSc(Hons) (Massey), PhD (ANU) (July - December)

Cerebral Cortex Group
Professor and Leader
Bekkers JM, BSc(Hons) (Griffith), MSc (Manchester), PhD (Cambridge)

Postdoctoral Fellows
Choy J, BSc (UMS), PhD (until July)
Suzuki N, BSc (Tsukuba), MMedSci (Tsukuba), PhD (Tokyo)
Tantirigama M, BSc(Hons) (Otago), PhD (Otago) (from February)

Research Assistant
Tang S-M (until February)

Development of Visual Diagnostics of Eye Disease Group

Professor and Leader
Maddess T, BSc(Hons) (UBC), PhD (ANU)

Research Fellows
Barbosa M, BSc, MSc, PhD (São Paulo)
Carle C, BSc(Hons), PhD
Sabeti F, BOptometry(Hons), GradCertOcuThera, PhD (until August)

Centre Managers
Rohanna B, BSc (ANU) (until August)

Technical Assistants
Chia RH (until February) (casual)
Perera T (until February) (casual)
Seah R (from November) (casual)

Visiting Fellows
Bell A (from July)
Farshid E
Hughes A
Mallikarjunan R
Stronks C (from December)
Vidovic M
Xiang F (until July)

Adjunct Positions
Ibbotson M, BSc, PhD
Penfold P
Sarac Ö (from February)

University Fellow and Emeritus Professor
Levick W

Human Neuroimaging Group

Associate Professor and Leader
James AC, BSc(Hons)(Adelaide), PhD (ANU)

Neural Coding Group

Associate Professor and Leader
Arabzadeh E, MD, PhD

Postdoctoral Fellow
Adibi M, BSc (Isfahan University of Technology, Iran), MSc (Iran University of Science and Technology, Tehran), PhD (UNSW)
Kheradpezhouh E, MD (Shiraz, Iran), PhD (Adelaide) (from February)

Research Assistant
Szymeova A

Neuronal Network Group

Associate Professor and Leader
Stricker C, MD (Zurich), PhD (Bern)

Research Fellow
Cowan Al, BSc(Hons), PhD (ANU)

Neuronal Signalling Group

Professor and Leader
Stuart GJ, BSc (Hons) (Monash), PhD (ANU), FAA
Neurophotonics Laboratory

**Leader**
Daria V, PhD (Osaka University)

**Postdoctoral Fellow**
Choy J, BSc (UMS), PhD (ANU) (from August)

**Research Assistants**
Sane S (until August)
Go M (until September)
Gautiam V (from September)

Brain Development Laboratory

**Leader**
Song Z-M, MMSc (Jiamusi), PhD (Flinders)

Neuronal Signalling Laboratory

**Professor and Leader**
Stuart GJ, BSc(Hons) (Monash), PhD (ANU), FAA

**Postdoctoral Fellows**
Bock T, PhD (ANU) (March - June)
Ikeda K, BA (UC Boulder), PhD (ANU)
Jones S, PhD (ANU) (from April)
Keshavarzi S (until February)

Synaptic Mechanisms Laboratory

**Professor and Leader**
Billups B, BSc(Hons) (UCL), MSc (Birmingham), MA (Cambridge), PhD (UCL) (from September)

Retinal Cell Damage and Repair Group

**Professor and Leader**
Valter K, MD, PhD, GradCert HE

Research and Body Donation Co-ordinator
Natoli R, BSc(Hons) (USyd), PhD (ANU)

Retinal Development and Aging Group

**Professor and Leader**
Provis J, BSc(Hons) (UNSW), PhD (UNSW)

**Postdoctoral Fellows**
Bhat P, MBBS, FRACP, PhD (from February)
Howitt L, BSc (USyd), PhD (UNSW) (May - November)
Rutar M, BMedSci(Hons), PhD (ANU)

Research and Body Donation Co-ordinator
Natoli R, BSc(Hons) (USyd), PhD (ANU)

Visiting Fellow
Madigan M

Neural Control Systems Group

**Leader**
Potas JR, BMedSci(Hons) (USyd), PhD (USyd)

Visual Neuroscience Group

**Professor and Leader**
Lamb TD, BE (UMelb), ScD (Cambridge), FRS, FAA

University Fellow and Emeritus Professor
Curtis DR, AC, MBBS (UMelb), PhD, FRACP, FAA, FRS
MOLECULAR BIOSCIENCE

Professor and Head of Department
Dulhunty AF, BSc (USyd), PhD, DSc (UNSW)

Department Administrator
Ursino D

Biomolecular Interactions Group

Senior Research Fellow and Leader
Casarotto MG, BSc(Hons) (UMelb), PhD (UMelb)

Postdoctoral Fellow
Joseph S, BSc(Hons) (USyd), PhD (USyd) (from August)

Technical Officer
Aditya S, BBiotech(Hons) (ANU)

Visiting Fellows
Fan J, BSc (Fudan), MSc (Fudan), PhD (Auck)
Lim PS, BMedSci, PhD
Zafar A, PhD

Visitor
Rosenberg M, PhD

Cancer Metabolism and Genetics Group

Fellow and Leader
Blackburn A, BSc(Hons) (UNSW), PhD

Laboratory Technician
Rooke M, BMSc (Pharm Sci) (CSU)

Cytokine Molecular Biology and Signalling Group

Professor and Leader
Young IG, MSc (UMelb), PhD

Postdoctoral Fellow
Abdus F, BSc(Hons) (Bangladesh), MSc (UWSyd), PhD

Visiting Fellows
Chen J, BSc, (China), MMed (China), PhD (Flinders)
Murphy J, BSc, PhD

Visiting Scholar
Yong W, MMed (China), MD (China)

Technical Officers
Dai J, BSc, MBiotech
Ewens C
Wen B, MB (China), MSc (China), PhD
Epigenetics and Genome Stability Group

**Fellow and Leader**
Rangasamy D, MSc, MTech (India), PhD (UK)

Molecular Genetics Group

**Professor and Leader**
Board PG, BSc(Hons), PhD (UNE)

**Postdoctoral Fellow**
Theodoratos A, BSc(Hons) (USyd) PhD

**Visiting Fellows**
Baker R, BSc(Hons)(UNSW), PhD
Coggan M
Dahlstrom J, MBBS(Hons), FPAC, PhD, FRCPA, FFOP, FFSc, GradCertEdSt (HigherEd), SFHEA
Hayes MT, BSc (USyd), MSc (USyd), DipEd (Tert) (UNE), PhD (QUT) (until October)
Lee E, BSc(Hons), PhD
Liu D, PhD (USyd) (from March)
Ramshaw IA, MSc (Brunel), PhD
Shield A, BBiotech(Hons) (Flinders), PhD (Flinders)

**Visiting Scholar**
Takemura K, PhD

**Laboratory Technicians**
Cappello J, BSc (UC), AD AppSciAnSci (CIT)
Tummala P, BSc (Nagarjuna U) MSc (MSU), PhD (OU)

Muscle Research Group

**Professor and Leader**
Dulhunty AF, BSc (USyd), PhD, DSc (UNSW)

**Senior Research Advisor**
Gallant E, PhD (Minnesota)

**Postdoctoral Fellows**
Karunasekara YA, MD (USSR), PhD (until April)

**Visiting Fellow**
Karunasekara YA, MD (USSR), PhD (from April)
Salavage S, PhD (Oxford)
Tierney L, BSc, MSc (Otago), PhD

**Senior Technical Officer**
Pace S, BSc (UTS)

**Laboratory Technicians**
Stivala J
Thekkedam C, BScBioTech(Hons) (Wollongong)

Stem Cells and Gene Targeting Group

**Professor and Leader**
Matthaei KI, BSc(Hons) (UNSW), PhD

**Visiting Fellows**
Barharvand H
Frese M, BSc (Osnabrück), PhD (Freiberg)
Mr and Head of Department
Vinuesa CG, LMS(MBBS) (Madrid), DRCOG (Lond), MSc, PhD (Birmingham)

Departmental Administrator
Morales D

Humoral Immunity and Autoimmunity Group
Elizabeth Blackburn NHMRC Research Fellow
Vinuesa CG, LMS(MBBS) (Madrid), DRCOG (Lond), MSc, PhD (Birmingham)

CJ Martin Fellow
Ellyard J, BAs, BSc(Hons), PhD

Post-doctoral Fellows
Athanasopoulos V, BSc (Hons), PhD (UMelb)
Duan T, MBBS (Nanjing), PhD (until March)
Sweet R, BSc (UCLA), MSc (Yale), MPhil (Yale), PhD (Yale) (until August)

Visiting Fellows
Good M, AO, BSc, MBBS, PhD, MD, DSc
Walter G, BA (Cantab), MBChB (Edinburgh), MRCP (UK), MD

Laboratory Technical Staff
Capello J (from February)
Williams N

Research Assistant
Lee SK, MBioTech (Flinders) (April - October)

Inflammatory T Cell Responses Group (from July)
Research Fellow and Leader
Breustle A, PhD (from July)

Malaria and Infectious Disease Group (from October)
Professor and Leader
Foote S, MBBS, DSc, FFSc (RCPA), FAHMS, FTSE
Research Fellow
McMorran B, BSc(Hons), PhD (Otago) (from December)

Malaria Immunology Group
Group Leader
Cockburn I, MBiochem (Oxon), PhD (Edin)
Postdoctoral Fellow
Dups J, BVSc (UQ), PhD (UMelb) (from October)
Laboratory Technician
Cai Y, BMed (Beijing Med) (from September)
AUSTRALIAN PHENOMICS FACILITY AND ANIMAL SERVICES

Director
Winslade SL, BA(Hons) (UNE), PhD (UNE)

Head of Animal Services
Fowler S, BSc, BVMS (Murdoch)

Head of International Programs
Bertram E, BSc(Hons) (Adel), PhD (Adel)

Scientific Business Manager
Dobie MS, BAppSc (UTS), MSc (USyd), PhD (Lond)

Liaison Officer
Hewitt L, BMedsci (UC)

Departmental Administrator
O’Keefe R

Scientific Programs
Scientific Programs Manager
Balakishnan B, BSc(Hons)

Scientific Project Coordinators
Koffler J, DipAnTech (CIT), BSc
Morris L, BSc(Hons) (Lond), MSc(Res) (Edin), PhD (Edin)
Osborne A, BAnimalSci (JCU) (from July)
Tunningley R, BMedSci

Scientific Project Technicians
Kan W, BBioMedSci (Hons) (Monash)
Lorenzo A, BSc Biol (RP)
Mei Y (from April)
Nasreen M (from March)

Australian Phenome Bank
Phenome Bank Curator
Read SH, BSc(Hons) (Adel), PhD (Adel)

Cryopreservation and IVF Coordinator
du Boulay C, Cert IV Vet Nursing (CIT), Dip AppSci (CIT)

IVF and Cryopreservation Technician
Thomsen N, BSc(Hons) (UQ)

Quarantine Coordinator
Ross N, RLAT, Dip AppSci Animal Tech (CIT)

Quarantine Technician
Hunt B

Information Technology
IT Manager
Wu P, BSc(Hons), BCompSci (Canada)

IT Officers
Hongyu M, BCompSci (China), MSwe (Singapore)
Jiang M, BCompSci (China), MComp (ANU), MSc (ANU), MBA Candidate BIS (ANU)
Tan J, BCompSci (UA), MComp (UA)
Quinn G
Shaw F

Genomics
Head of Genomics Research
Whittle B, BSc(Hons)

Genomics Coordinators
Mann D, BSc(Hons) (until October)
Stefanovic T, BMedSci(Hons) (from October)
Zhang Y, BSc, MSc (China)

Genomics Technical Officers
Armstrong M
Fitzgerald L, AssocDip Animal Sci, Cert IV Vet Nursing (CIT)
Gao J, BSc (China), MBiotech(Hons)
Liang R, BSc, MSc (China)
Liu M, BSc, MSc (China)
Palkova A, BBus (QUT), BSc(Hons) (UQ)
Patel V
Sakthivel G, BMedSci(Hons)
Sayeed S, BSc, MSc (Bangladesh), PhD (UK)
Schoning J, BBiotech(Hons)
Shang G (from March)

Animal Services
Animal Services Managers
Bowditch K
Clydesdale M

Animal Services Coordinators
Barker A
Bolton S-M
Burke H, BBehaveStudies (Swinburne)
Gooding D, Cert IV Training and Assessment, Dip Animal Technology (CIT)

Technicians
Allsop I, Cert III Animal Tech (CIT)
Aquino W, BAniSci (UWS)
Arthur M
Barker A
Boljun M
Burke J
Burt K (from June)
Bush T
Caston K (from June)
Chau K, Dip Animal Tech (CIT) (until December)
Cook A
Corby R (from June)
Cover G
Facchin D (from June)
Fowlie C
Haas P
Hamilton R
Hartley S
Jarvis L
Kaya MS, BSc (UNewcastle)
Lin Q
Lind F (until December)
Lockley J
Lorentzi L
Mline R (from June)
McGowan A
McWilliam D
Pobjie A, DipAniTech (CIT)
Portway C
Prewett B
Sibley B
Sparrow M
Spencer C
Steen E
Talbot S, Dip AppSci (Animal Tech) (CIT)
Vithanage U
Watson D
Young S

Building Maintenance Supervisor
Hosking A

Storeperson/Maintenance Assistant
Smith D
SCHOOL ADMINISTRATION

Directorate

Director
Parish CR, BAgSc (UMelb), PhD (UMelb) (until October)
Foote SJ, MBBS, DSc, FFSc (RCPA), FAHMS, FTSE (from October)

Deputy Director
Bekkers JM, BSc(Hons) (Griffith), MSc (Manchester), PhD (Cambridge)

Business Manager
Cousins M

Executive Officer to the Director
Flowers C (from October)

Executive Assistant to Director
Vitler L (until October)

Reception
Azzopardi N

Outreach and Communications Unit

Manager
Nicol MJ, BSc (Wollongong), BSc(Hons), PhD (ANU)

Senior Multimedia Officer
Edwards K, PhotCert

Education

Associate Director Education and Medical Sciences Graduate Convener
Cowan A, BSc(Hons), PhD, GradCertHE

Purchasing

Dowling E (January-February)
Townsend K (from March)
Wozniak P, Cert IV GPC

Safety & Training

Work Place Health and Safety Officer
Hayes MT, BSc (USyd), MSc (USyd), DipEd (Tert) (UNE), PhD (QUT) (until November)
Mann D, BSc(Hons) ANU (from November)

Work Place Health and Safety Assistant
Gilmartin L, Cert III Lab Skills (CIT) (part-time)

SCHOOL SERVICES

Facilities

Manager
Coombes D

Facilities Officer
Kynoch M

Operations Assistant
Ciuffetelli L

Administrative Assistant
Dowling E

Senior Storeperson
Talbot A

Media & Washup

Manager
Coombes D

Supervisor and Technical Officer
Gilmartin L, Cert III Lab Skills (CIT)
THE ACRF BIOMOLECULAR RESOURCE FACILITY, GENOME DISCOVERY UNIT AND IMAGING AND CYTOMETRY FACILITY

ACRF Biomolecular Resource Facility

**Manager**
Palmers, BSc(Hons) (ANU), MBA (Tech Management) (Chifley Business School)

**Technical Specialist**
Milburn P, BSc(Hons), PhD (Sheffield)

**Genomics Team**
Cripps T, BSc(Hons)
Higgins A, CBLT (USQ)
Ohms S, MBChB, ME, PhD (Auck)
Peng K, PhD (Wuhan)
Zhang K, MSc (Fudan), PhD

Genome Discovery Unit

**Manager**
Kaehler B, PhD

**Computational Specialists**
Buckley B, BA(Hons) (UQ)
Chuah A, BEng(Hons) (NUS)
Patel H, BPharm, MBiotech, PhD

**Research Fellow**
Parker B, BSc (UQ), MBBS (UQ), PhD (USyd) (until April)

**Bioinformatician**
Jack C, BSc (Wellington)

**Honorary Visitor**
Gock A, BAppSci (CSU) (until February)

**Research Fellow**
Parker B, BSc (UQ), MBBS (UQ), PhD (USyd) (until May)

Imaging and Cytometry Facility (ICF)

**Manager**
Gillespie CM, GradCertMic (USyd)

**Histologist**
Prins AS, BAppSci (RMIT)

**Flow Cytometry Specialist**
Vohra H, MSci(Hons) (Punjab), PhD (PGIMER)

**Flow Cytometry and Microscopy Operator**
Devoy M, BSc(Hons)
STUDENTS

PhD Students

Achuthan S
Agahari F, BSc(Hons) (Japan)
Alfal A (from May)
Ali E
Al Rumaih Z, MSc(Biotech)
Alshekaili J, MD
Andrews S
Anvar ND, BSc(Hons), MSc (Malaysia)
Akal B (from February)
Bell S, BSc(Hons)
Bergmann H, D.Vet.Med. (Hanover, Germany)
Boek T, BSc(Hons) (until March)
Chaston D, BSc(Hons)
Dalefield M
Da Silva E, MBBS, BA, FRACP, FRCPA
Dave P
Dhounchak S, BBioTech, MBioTech (Research) (from March)
Eldi P, MBBS (India) MSc (UQ)
Feakes D
Fernando N
Flower C, BSc (UTAS)
Galgamuwe R, MBBS, MSc (Sri Lanka)
Gang B, BBiomedSci (Otago)
Go M-A, BSc, MSc (U Philippines)
Gonzalez P
Han S-Y BSc(Hons)
Hauser S
Hu Daniel, BMedSci(Hons) (USyd)
Hu Di
Huang H, BBiomedSci(Hons) (Otago)
Hussain M, BSc(Hons)
Hyens C, BSc(Hons)
Jeelall Y, BBiomedSci(Hons) (UMelb)
Jiang S, MBBS FRACP
Jiao H
Johnson-Saliba M, PhD
Jones S, BMedSci(Hons) (UNSW) (until March)
Khanna M, BBiomedSci(Hons) (Victoria, Wellington)
Kingston Z
Kolic M
Lee C
Lee E, BSc, MSc (UC)
Lee S, BBiomedSci, MSc (Auck)
Lehman S
Li J, BMedSci(Hons) (until November)
Li L, BSc (Biotech)
Lu Y-Z
Mao Y, BSc(Hons) (Ottawa)
Menon D, BBioTech, MBioTech
Mishra A, BSc, MSc (Nepal)
Mohan A, BTech (India)
Morse A
Morton S, BSc(Hons)
Newman S, BSc(Hons)
Nunez L (from April)
Papa I, MPhil (Milan)
Pratama A, PhB(Hons)
Pracic T (from February)
Ramiscal R, BSc (UNSW), BSc(Hons)
Ratnadikawara M
Rebbeck R, BMedSci(Hons)
Richardson S, BSc(Hons)
Robertson J, BSc(Adv)(Hons)
Roco J
Rudinski S, BSc(Hons)
Sabouri Z, MD (until November)
Samarasinghe K
Saxena K, BBiotech
Sammons J
Shafik A
Shen Q, MBiochem
Sibrit T, BSc(Hons)
Simon Davis DA, BSc(Hons) (Adel)
Singh M, BSc(Hons) (Otago)
Sinha D, BSc, MSc (India)
Soetanto R
Srivastava M, MSc (Rewa)
Tan X, BSc, MSc
Tran L
Trivedi S, BBioTech, MBioTech (Research)
Velez J
Wagle M, BSc(Hons) (from February)
Wang J, BBiomedSci(Hons) (UMelb), BSc(Hons) (UMelb)
Welham Z, BAppSci(Hons) (from May)
Wijesundara D, BBiotech(Hons) (until March)
Willemse H, BSc(Hons), MSc
Wium E, BMedSci(Hons)
Yabas M, MPhil (until August)
Yang H
Yao J, MBioTech(Hons)
Yoon J, BSc, MSc (Pukyong Nat Univ, Korea)
Zhu Y (from May)
MPhil Students
Johar A
Li Z, BSc (Beijing Inst Technology)

Honours Students
Abd Hamid M, BSc (from February)
Ash O (until June)
Chen T
Chia RX
Chu-Tan J
D’Arcy N
Ferguson L, BSc (from February)
Fernandez P
Hall S
Kwong KXM, BSc (from July)
Lambe S, BSc (from February)
Li F-J, BSc (from February)
Loutit A
Nailer L
Ng A, BSc (from July)
Nguyen N (from July)
Roper E
Perotti S, BSc (from February)
Sarraf S
Silva Cayetano A
Sparbier C
Tam KL, BSc (until July)
Tay Y (from July)
Townsend D, BSc (from July)
Wilson A
Wu Y (from July)
Young G

MNeuroscience Students
Balodis R
Dean H
Dong P
Espinoza-Oyarce D
Gotsis S
Haddad R
Haque F
Kaide J
Owens-Walton C
Ravi I
Sctrine A
Senga S
Teasdale H
Zhang T

MTtranslational Medicine Students
Alexander P
Barry P
Dunn C
Forster R
Rodriguez A

Research Placement
Kherlopian A
Lo L

Visiting Scholars
Bai B
Hayashi K, (until February)
Gharaei S
Fazlali Z (from April)
See M
60 the John Curtin School of Medical Research
Publications, Presentations and Community Outreach 2014

Publications: A Full list of publications from JCSMR staff and students in 2014, including:

- peer reviewed journal articles • reviews
- short communications • book chapters

Presentations made by JCSMR staff and students at local, national and international research institutions, conferences and workshops throughout the year:

- Staff presentations • Student presentations

Staff and students of the School continue to sit on numerous editorial boards, to assist with national and international granting bodies as expert assessors, and to belong to many scientific societies. They are also involved with community activities outside the School, some of which are listed.


Cockburn, IA, Tse, SW and Zavala, F (2014) CD8(+ ) T Cells eliminate liver-stage Plasmodium berghei parasites without detectable bystander effect. Infection and Immunity 82(4):1460-1464


PLoS **10**(3):95


Hanna, AD, Lam, A, Tham, S, Dunlhy, AF and Beard, NA (2014) *Adverse effects of Doxorubicin and its metabolic product on Cardiac RvY2 and SERCa2A.* *Molecular Pharmacology* **86**(4):438-449


Kane, A, Deenick, EK, Ma, CS, Cook, MC, Uzel, G and Tangye, SG (2014) STAT3 is a central regulator of lymphocyte differentiation and function. *Current Opinion in Immunology* **28**:49-57


sequencing of extreme morbid obesity patients: Translational implications for obesity and related disorders. *Genes* 5(3):709-725


Suzuki, N, Tang, CSM and Bekkers, JM (2014) Persistent barrage firing in cortical interneurons can be induced in vivo and may be important for the suppression of epileptiform activity. *Frontiers in Cellular Neuroscience* 8:76


Ranasinghe, C, Trivedi, S, Wijesundara, D and Jackson, RJ (2014) IL-4 and IL-13 receptors: Roles in immunity and powerful vaccine adjuvants. *Cytokine and Growth Factor Reviews* 25(4):437-442


Suzuki, N, Tang, CSM and Bekkers, JM (2014) Persistent barrage firing in cortical interneurons can be induced in vivo and may be important for the suppression of epileptiform activity. *Frontiers in Cellular Neuroscience* 8:76

Svenningsen, P, Andersen, K, Thuesen, AD, Shin, HS, Vanhoute, PM, Skott, O, Jensen, BL, Hill, CE and Hansen, PBL (2014) T-type Ca2+ channels facilitate NO-formation, vasodilatation and NO-mediated modulation of blood pressure. *Pluegers Arch* - *European Journal of Physiology* 466(12):2205-2214

PRESENTATIONS

Associate Professor Ehsan Arabzadeh
Coding efficiency and sensory adaptation
Keynote Lecture, 4th Computational Neuroscience Workshop, IASBS, Zanjan, Iran
Models in sensory decision-making
ARC Centre of Excellence for Integrative Brain Function, Satellite session on Modeling, University of Queensland, Brisbane, QLD

Associate Professor Mauricio Arcos - Burgos
Presentation to Yangon University Short Curse on Social and Demographic Research Methods Training
Department of Anthropology School of Culture, History and Language, ANU College of Asia Pacific The Australian National University, Canberra, ACT
Genomics and Predictive Medicine: a Contribution without Pharmaceutical Cost
Invited Lecture, University of Rosario, Bogota, Colombia

Professor John Bekkers
Synapses and circuits for the cortical processing of odours
Plenary Speaker, 32nd Australasian Winter Conference on Brain Research, Queenenst, NZ

Dr Edward Bertram
Linking causal relationships between genes and phenotypes of the immune system through large scale ENU mutagenesis of the mammalian genome
International Symposium of the Korean Association for Laboratory Animal Science, Yeosu, Korea
The Missense Mutation Library: a resource of hundreds of thousands of new mouse models to study human disease
Towards Precision Medicine: Phenotyping human diseases in mice, The 16th Frank and Bobbie Fenner Conference, The John Curtin School of Medical Research, ANU, Canberra, ACT

International Mouse Phenotyping Consortium Annual Meeting, La Pedrera, Barcelona, Spain
The Centre for Personalised Immunology
Australian Research Management Society Conference, National Convention Centre, Canberra, ACT

Dr Anneke Blackburn
Targeting Cancer Cell Metabolism with Dichloroacetate
Public Lecture in conjunction with the John James Foundation Tony Ayers Award for Excellence in Translational Medicine, JCSMR Public Lecture Series, The John Curtin School of Medical Research, ANU, Canberra, ACT
Polymorphisms in Cyp2r1 and disruption of the vitamin D pathway may contribute to breast cancer susceptibility in mice
Annual Meeting of the Genetics Society of AustralAsia, Sydney, NSW
Targeting cancer metabolism and drug resistance with dichloroacetate
Invited Seminar: Pioneer Valley Life Sciences Institute, University of Massachusetts, Springfield, MA, USA
Dichloroacetate: More than just a substrate for Glutathione Transferase Zeta
The 15th Frank and Bobbie Fenner Conference: Professor Philip Board's Contributions to Molecular Medicine, The John Curtin School of Medical Research, ANU, Canberra, ACT

Dr Anneke Blackburn
Targeting Cancer Cell Metabolism with Dichloroacetate
Public Lecture in conjunction with the John James Foundation Tony Ayers Award for Excellence in Translational Medicine, JCSMR Public Lecture Series, The John Curtin School of Medical Research, ANU, Canberra, ACT
Polymorphisms in Cyp2r1 and disruption of the vitamin D pathway may contribute to breast cancer susceptibility in mice
Annual Meeting of the Genetics Society of AustralAsia, Sydney, NSW
Targeting cancer metabolism and drug resistance with dichloroacetate
Invited Seminar: Pioneer Valley Life Sciences Institute, University of Massachusetts, Springfield, MA, USA
Dichloroacetate: More than just a substrate for Glutathione Transferase Zeta
The 15th Frank and Bobbie Fenner Conference: Professor Philip Board's Contributions to Molecular Medicine, The John Curtin School of Medical Research, ANU, Canberra, ACT

Dr Anne Bruestle
MALT1 is an intrinsic regulator of T regulatory cells
DGFT T cell Responses Meeting, Marburg, Germany
My journey with T helper cell subsets in good times and in bad
10th Spring School on Immunology, Ettal, Germany
Inflammatory T cell responses - Picking the brain on Th17
JCSMR School Seminar Series, The John Curtin School Of Medical Research, The Australian National University, Canberra, ACT

Dr Corinne Carle
Multifocal stimuli presented in spatially-clustered volleys increase SNRs in pupil perimetry
21st International Visual Field and Imaging Symposium, New York, NY, USA
Objective perimetry using the pupil response: assessment of visual function without pushing anyone's buttons
2nd Annual EMBL Australia PhD Course, Canberra, ACT
How normal pupils behave: towards a predictive model of multifocal pupil responses for the identification of visual dysfunction
Eccles Institute of Neuroscience Seminar Series, The John Curtin School of Medical Research, Canberra, ACT

Associate Professor Ian Cockburn
Imaging the CD8+ T cell responses to Plasmodium in the lymph nodes and liver
Invited Speaker, Australian Society for Parasitology Annual Meeting, Canberra, ACT
Imaging the CD8+ T cell responses to Plasmodium in the lymph nodes and liver
Invited Speaker, University of Melbourne, Melbourne, VIC
Imaging the CD8+ T cell responses to Plasmodium in the lymph nodes and liver
Invited Speaker, Brisbane Immunology Group Annual Meeting, Gold Coast, QLD
How do CD8+ T cells find and eliminate parasites in the liver
Invited Speaker, University of Washington, Seattle, WA, USA
How do CD8+ T cells find and eliminate parasites in the liver
Invited Speaker, Queensland Institute for Medical Research, Brisbane, QLD

Dr Edward Bertram
Linking causal relationships between genes and phenotypes of the immune system through large scale ENU mutagenesis of the mammalian genome
International Symposium of the Korean Association for Laboratory Animal Science, Yeosu, Korea
The Missense Mutation Library: a resource of hundreds of thousands of new mouse models to study human disease
Towards Precision Medicine: Phenotyping human diseases in mice, The 16th Frank and Bobbie Fenner Conference, The John Curtin School of Medical Research, ANU, Canberra, ACT

The Missense Mutation Library: a resource of hundreds of thousands of new mouse models to study human disease

Dr Vincent Daria
Light-Neuron Interactions: Key to understanding the brain
Invited Speaker: Japanese Society of Applied Physics – Optical Society of America Joint Symposium, Hokkaido University, Hokkaido, Japan
School of Physics and Astronomy, University of Glasgow, Glasgow, Scotland
Dr Julia Ellyard
Cytokine dysregulation in autoimmune disease pathogenesis
Cytokines Down Under in 2014: From the Bench to Beyond, Melbourne, VIC
Understanding Genetic Causes of SLE in the age of Personalised Medicine
Towards Precision Medicine: Phenotyping human diseases in mice, The 16th Frank and Bobbie Fenner Conference, The John Curtin School of Medical Research, ANU, Canberra, ACT
Cytokine dysregulation in autoimmune disease
Cytokines Down Under: From Bench to Beyond, Melbourne, VIC
Whole exome sequencing in early-onset cerebral SLE identifies a pathogenic variant in TREX1
44th Australasian Society for Immunology Annual Scientific Meeting, Wollongong, NSW
Whole exome sequencing in early-onset cerebral SLE identifies a pathogenic variant in TREX1
6th Australasian Society for Immunology NSW and ACT Annual Branch Retreat, Bowral, NSW
What does Personalised Medicine in Immunology mean?
Sanofi Immunology Master Class, MSGM Executive Conference Centres, Macquarie Park, NSW

Dr Anselm Enders
Expression of IgD on mature B cells is dependent on zinc-finger protein ZFP318
44th Australasian Society for Immunology Annual Scientific Meeting, Wollongong, NSW
Investigating B cell immunodeficiency using ENU mutagenesis
Invited Seminar: The Walter and Eliza Hall Institute of Medical Research, Melbourne, VIC
Primary immunodeficiencies: From mice to men
Invited speaker: International Symposium of the Korean Association for Laboratory Animal Science, Yeosu, Korea
Using mice to understand the human immune system
5th Bootes Course on Translational Medicine, The John Curtin School of Medical Research, The Australian National University, Canberra, ACT
Primary immunodeficiencies: From mice to men
Ludwig-Maximilians University, Munich, Germany

Professor Simon Foote
Invited Speaker
Tokyo University, Tokyo, Japan
Invited Speaker
Towards Precision Medicine: Phenotyping human diseases in mice, The 16th Frank and Bobbie Fenner Conference, The John Curtin School of Medical Research, ANU, Canberra, ACT
Invited Observer (representing Australia as Observer to Council)
EMBL Meeting, Heidelberg, Germany

Professor CC Goodnow
Germline Center Selection for Lower Autoantigen Affinity and for V-Regions Blocked by N-Glycans: Redemption of Autoantibodies Carried by Anergic B Cells in the Pre-Immune Repertoire
Keystone Symposium: Biology of B Cell Responses, Keystone, CO, USA
Self-nonself discrimination by antibodies: clonal selection for somatic mutations in V-regions and in oncogenic signalling molecules
UCSF Department of Microbiology & Immunology, San Francisco, CA, USA
Self-nonself discrimination by antibodies: clonal selection for somatic mutations in V-regions and in oncogenic signalling molecules
Genetech Inc, San Francisco, CA, USA
Self-nonself discrimination by antibodies: clonal selection for somatic mutations in V-regions and in oncogenic signalling molecules
2014 Cold Spring Harbor Meeting, Gene Expression and Signaling in the Immune System, Cold Spring Harbor, NY, USA
Self-nonself discrimination by antibodies: clonal selection for somatic mutations in
V-regions and in oncogenic signalling molecules
Stanford University, San Francisco, CA, USA
Recurring mutations in human lymphoid cancer switch inhibitory signals from normal self into growth stimulatory signals
7th Garvan Signalling Symposium, Garvan Institute of Medical Research, Sydney, NSW
Mendel’s Long tail: the impact of missense mutations on immunity
Towards Precision Medicine: Phenotyping human diseases in mice, The 16th Frank and Bobbie Fenner Conference, The John Curtin School of Medical Research, ANU, Canberra, ACT

Professor Jill Gready
Research focused on Global Sustainable Food Provision
Invited speaker: The Future of the University and the University of the Future: A Global Perspective, Universidad Técnica de Ambato, Ecuador

Dr Rebecca Haddock
State of the Heart
Australian Vascular Biology Society / High Blood Pressure Society of Australia, Adelaide, SA
Obesity-related hypertension: Interaction of the immune and sympathetic nervous systems
Experimental Biology (American Physiological Society), San Diego, CA, USA
Perivascular inflammation drives sympathetic hyperinnervation and hypertension in obesity
Combined Research Forum, Canberra Hospital, Canberra, ACT
Cause of Hypertension in the Obese
5th Bootes Course on Translational Medicine, The John Curtin School of Medical Research, The Australian National University, Canberra, ACT
Obesity and the Nervous system
2nd Annual EMBL Australia PhD Course, Canberra, ACT

Associate Professor Guna Karupiah
Induction of long-lived antiviral antibody responses
QIMR Berghofer Medical Research Institute, Brisbane, QLD

Professor Trevor Lamb
Evolution of vertebrate photoreception and retinoid cycle: Clues from agnathans
EMB Seminar Series, University of California Santa Barbara, Santa Barbara, CA, USA
Evolution of vertebrate photoreception: Clues from hagfish and lamprey eye transcriptomes
Invited Seminar: Neuroecology Group, University of Western Australia, Perth, WA
Evolution of vertebrate photoreception: Clues from hagfish and lamprey eye transcriptomes
Invited conference presentation: Genes, Epigenetics and Evolution in Eye Development and Disease, Oropesa, Spain
Evolution of vertebrate photoreception and retinoid cycle: Clues from the eye transcriptome of basal vertebrates
Invited seminar, Departament de Genètica, Universitat de Barcelona, Barcelona, Spain
Extraction of photoreceptor and bipolar cell responses from the ERGs of normal human subjects
Invited seminar, Institute of Ophthalmology, University College, London, UK
Evolution of vertebrate photoreception and retinoid cycle: Clues from the eye transcriptome of basal vertebrates
Invited seminar, Kenneth Craik Club, University of Cambridge, Cambridge, UK

Dr Yalin Liao
RBP atlas: an exploration of interactions between mRNA and proteins and their impact on cardiomyocyte biology
Joint Japanese and Australia RNA meeting, Sydney, NSW

RBP atlas: an exploration of interactions between mRNA and proteins and their impact on cardiomyocyte biology
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

Associate Professor Brett Lidbury
Absolute replacement concepts for biomedical research and the scientific challenge of human diversity
RSPCA Innovative Methods and Alternatives to Animals Symposium, The Australian National University, Canberra, ACT
Fluorescent Target Array reduces mouse numbers while assessing multiple post-vaccination T-cell responses
9th World congress on Alternatives and Animal Use in the Life Sciences, Prague, Czech Republic
Proton magnetic resonance spectroscopy and recursive partitioning analysis of brain metabolism data from an Alzheimer’s disease cohort offers a replacement alternative for animal studies on disease prediction
9th World congress on Alternatives and Animal Use in the Life Sciences, Prague, Czech Republic

Professor Ted Maddess
Structure and Function in Multifocal Pupillographic Objective Perimetry (mfPOP)
Imaging and Perimetry Society, New York, NY, USA
Structure and Function in Multifocal Pupillographic Objective Perimetry (mfPOP)
World Ophthalmology Congress, Tokyo, Japan

Dr Claudio Mastronardi
Temporal gene expression in the hippocampus and peripheral organs in mice resilient to systemic inflammatory response
9th Congress of the International Society for NeuroImmunoModulation, Liege, Belgium

Dr Maxim Nekrasov
Different Strategies of chromatin remodelling at the transcription start site
ComBio 2014, Canberra, ACT

Professor Christopher R Parish
Pathways to the development of novel drugs against cancer, diabetes and sepsis
2nd Annual EMBL Australia PhD Course, Canberra, ACT
Type 1 diabetes and sepsis at JCSMR: Heparan sulphate mimetics as therapeutics
Paediatric Grand Rounds, The Canberra Hospital, Canberra, ACT
The pathway from lab finding to clinical trial
5th Bootes Course on Translational Medicine, The John Curtin School of Medical Research, The Australian National University, Canberra, ACT

Dr Hardip Patel
RNAnexus: A framework for RNA data mining and visualization
Annual Meeting of the Genetics Society of AustralAsia, Sydney, NSW

Dr Gilberto Paz-Filho
Leptin therapy: facts and expectations
The Australian Institute of Sport, Canberra, ACT
Overview of Translational Medicine
5th Bootes Course on Translational Medicine, The John Curtin School of Medical Research, The Australian National University, Canberra, ACT
Endocrine Research in Brazil and Turkey
5th Bootes Course on Translational Medicine, The John Curtin School of Medical Research, The Australian National University, Canberra, ACT
Pathways for a career overseas
31st Brazilian Congress of Endocrinology and Metabolism, Curitiba, Brazil
ENDO Tribute: Twenty years of the revolutionary leptin

Plenary lecture: 31st Brazilian Congress of Endocrinology and Metabolism, Curitiba, Brazil
Twenty Years of Leptin
São Paulo State University (UNESP) School of Medicine, São Paulo, Brazil
Whole-exome sequencing for the diagnosis of monogenic obesity
São Paulo State University (UNESP) School of Medicine, São Paulo, Brazil
Translational Medicine
Translational and Clinical Sciences Workshop, 2nd Annual EMBL Australia PhD Course, Canberra, ACT

Professor Thomas Preiss
Mechanisms and patterns of eukaryotic post-transcriptional gene control
Speaker & Session Chair: CSH Asia RNA Biology Conference, Suzhou China
Mechanisms and patterns of eukaryotic post-transcriptional gene control
IUPAB International Biophysics Congress, Brisbane QLD
Role of the 5-methylcytosine as a widespread modification of RNA
FASEB SRC: Machines on Genes: Nucleic Acids, Snowmass, CO, USA
Importance of RNA-mediated gene regulation
Co-convenor, session chair & speaker, 2nd Annual EMBL Australia PhD Course, Canberra, ACT
RNA-mediated gene regulation in cardiac biology
5th Bootes Course on Translational Medicine, The John Curtin School of Medical Research, The Australian National University, Canberra, ACT
Mechanisms and patterns of eukaryotic post-transcriptional gene control
Julian Wells Medal Lecture, Australian Genome Conference, Lorne, VIC

Dr Charani Ranasinghe
HIV vaccines eliciting broad protective responses
AIDS2014 ACH2 satellite meeting, International Master class and workshop on HIV prevention, control and cure, Doherty Institute, Melbourne, VIC
A novel triple action mucosal/systemic HIV-1 vaccine strategy
AIDS2014 Symposia Session
Determinants of Transmission: Interactions with Biomedical Prevention Strategies, Melbourne, VIC

Dr Stuart Read
Missense Mutation Library; Hundreds of thousands of mouse models for understanding human disease
International Mouse Phenotyping Consortium Annual Meeting, Barcelona, Spain

Associate Professor Charmaine Simeonovic
Depletion of intracellular heparan sulfate in islet beta cells: a critical link between Type 1 diabetes and Type 2 diabetes
Department of Internal Medicine III, Medical Faculty Carl Gustav Carus, Dresden University of Technology, Dresden, Germany
Depletion of intracellular heparan sulfate in islet beta cells: a critical link between Type 1 diabetes and Type 2 diabetes
School of Medicine, University of Tampere, Tampere, Finland
Depletion of intracellular heparan sulfate in islet beta cells: a critical link between Type 1 diabetes and Type 2 diabetes
Department of Biological and Environmental Science, University of Jyväskylä, Jyväskylä, Finland
Depletion of intracellular heparan sulfate in islet beta cells: a critical link between Type 1 diabetes and Type 2 diabetes
Institute of Biomedical and Clinical Science, University of Exeter Medical School, Exeter, UK
Depletion of beta cell heparan sulfate (HS) in T2D-prone db/db mice results from diminished heparan sulfate proteoglycan (HSPG) core protein levels
Annual Scientific Meeting of the Australian Diabetes Society and the Australian Diabetes Educator Association, Melbourne, VIC
Depletion of intracellular heparan sulfate in islet beta cells: a critical link between Type 1 diabetes and Type 2 diabetes
Department of Immunology Seminar Series, The John Curtin School of Medical Research, ANU, Canberra, ACT
Associate Professor Christian Stricker
A trip into ion channels involved in thymocyte selection
Eccles Institute of Neuroscience Seminar Series, The John Curtin School of Medical Research, The Australian National University, Canberra, ACT
Single-cell techniques in Neuroscience unravelling brain function
2nd Annual EMBL Australia PhD Course, Canberra, ACT

Professor Greg Stuart
Brain mechanics: The nuts and bolts of how your brain works
4th Annual John Curtin Lecture in Medical Research, Canberra, ACT
Dendritic integration
Okinawa Computational Neuroscience Course, Okinawa, Japan
Axons & excitability
Okinawa Computational Neuroscience Course, Okinawa, Japan
Binocular integration
Allen Brain Institute, Seattle, WA, USA
Single neuron computation
Monash Neuroscience Seminar Series, Monash University, Melbourne, VIC

Dr Rebecca Sweet
Human T follicular regulatory cells are the source of IL-10 to drive plasma cell differentiation from germinal center B cells
6th Australasian Society for Immunology NSW and ACT Annual Branch Retreat, Bowral, NSW
Human T follicular regulatory cells signal directly to germinal centre B cells using IL-10
Australian Society for Medical Research ACT New Investigators Forum, Canberra, ACT
Human T follicular regulatory cells signal directly to germinal centre B cells using IL-10
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

Dr Malinda Tantirigama
Laminar representation of odour in the mouse piriform cortex in vivo
32nd Australasian Winter Conference on Brain Research, Queenstown, NZ
Laminar representation of odour in the mouse piriform cortex in vivo
UWS Sensory Neuroscience Symposium, Sydney, NSW

Professor David Tremethick
Uncovering new functions of chromatin: the role of histone variants in pre mRNA splicing
EMBO workshop on histone variants, Strasbourg, France
Inheritance of H2A.Z from cell generation to the next
Asian Transcription meeting, Melbourne, VIC
A new role for histone variants in splicing regulation
Gordon conference: Chromatin Structure and Function, Boston, MA, USA
Uncovering new functions of chromatin: functional specialisation by histone variants
School of Molecular and Biomedical Sciences, The University of Adelaide, Adelaide, SA

Dr Krisztina Valter
Photobiomodulation with 670nm in models of retinal degeneration
Invited keynote presentation: Australian Medical Laser Association, Sydney, NSW
670nm – a stop sign for retinal degeneration?
Invited keynote presentation: World Association for Laser Therapy/ North American Association for Photobiomodulation Therapy Joint conference, Washington, DC, USA
Discussions on the mechanism of 670nm light treatment on the retina
Invited symposium presentation: World Association for Laser Therapy - North American Association for Photobiomodulation Therapy Joint conference, Washington, DC, USA

Professor Carola G Vinuesa
T cell subsets that control B cell responses: More than meet the eye
Cell Symposium: The Multifaceted Roles of Type 2 Immunity, Bruges, Belgium
miRNA-mediated repression of T follicular helper cells and germinal centers
3rd International Conference on Immune Tolerance, Amsterdam, Netherlands
Tfh Cell Regulation to Prevent Systemic Autoimmunity
FOCIS 2014, Annual Meeting of the Federation of Clinical Immunology Societies, Chicago, IL, USA
miRNA-mediated control of Tfh cells and germinal center responses
Immunology 2014 Symposium: Genetic Control of Immunity, Pittsburgh, PA, USA
Regulation of Tfh cell numbers and function
27th Annual Meeting of the Canadian Society of Immunology: Germinal Center Reaction in Health and Disease, Quebec, Canada
Novel Mechanisms Controlling Mouse and Human Follicular T Cell Homeostasis
Keystone Symposium: Biology of B cell Responses, Keystone, CO, USA
Multiple mechanisms operate to regulate T cell help for B cells
3rd NIF Winter School on Advanced Immunology, Awaji Island, Japan
Why do we still know so little about autoimmune disease aetiology?
The Jonathan Sprent Oration, Brisbane Immunology Group 15th Annual Retreat, QIMR-Berghofer Medical Research Institute, Gold Coast, QLD

Dr Stephen Winslade
Translational Commercialisation of Research
Asian Mouse Phenotyping Consortium Student Workshop, Canberra, ACT
STUDENT PRESENTATIONS

S Achuthan and AC Blackburn
Targeting glucose metabolism - a strategy for overcoming drug resistance in breast cancer
ComBio 2014, Canberra, ACT
Targeting glucose metabolism — a strategy for overcoming drug resistance in breast cancer
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

FA Agahari and C Stricker
Serotonergic modulation of neurotransmitter release in layer II/III pyramidal neurons in rat somatosensory cortex
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA
Opposite modulation of spontaneous and evoked transmitter release in layer II/III pyramidal cell in rat somatosensory cortex through 5-HT2 Gq-protein-coupled receptor (GqPCR)
Meeting of the Society of Neuroscience, Washington, USA

EN Ali, T Maddess, CF Carle and CJ Lueck
Effects of stimulating melanopsin-containing retinal ganglion cells in migraine patients using multifocal objective pupillometry
EFNS-ENS Joint Congress of European Neurology, Istanbul Turkey

EN Ali, T Maddess, K Martin, A Borbell and CJ Lueck
Testing the safety of multifocal pupillographic objective perimetry (mfPOP) in patients with photosensitive epilepsy
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

Z Al Rumaih
The role of viral TNFR (crmD) in the host response to poxvirus infection
44th Australasian Society for Immunology Annual Scientific Meeting, Wollongong, NSW

H Bergmann
Removal of p8-CD74 peptides by intramembrane endoprotease SPPL2A is crucial for B cell survival
Departmental of Immunology Seminar, Whitehead Institute, Boston, MA, USA
Complete degradation of CD74-invariant chain by the endopeptidase SPPL2A is necessary for B cell responsiveness and survival
44th Australasian Society for Immunology Annual Scientific Meeting, Wollongong, NSW
Removal of p8-CD74 peptides by intramembrane endoprotease SPPL2A is crucial for B cell survival
Keystone Symposia: Biology of B cell Responses, Keystone, CO, USA

T Bock
Impact of SK Channels on cortical excitability in vivo
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA

RH Chia, R Mallikarjunan, CF Carle et al.
Objective perimetry in diagnosing early retinopathy in type II diabetes
Australian Diabetes Society & Diabetes Education Association

S Dhournchak, S Popp, H Vohra, T Biden, R Laybutt, C Parish and C Simeonovic
Diminished heparan sulfate proteoglycan (HS PG) core protein levels correlate with the depletion of heparan sulfate (HS) in the islets of T2D-prone db/db mice
Australian Islet Study Group Meeting (AISG), Brisbane, QLD
Beta cell heparan sulfate and heparan sulfate proteoglycan loss in Type 2 Diabetes
Australian Society for Medical Research (ASMAR) ACT New Investigator Forum, Canberra, ACT

P Eldi
Induction of long-term humoral immunity using replicating and non-replicating poxviral models
44th Australasian Society for Immunology Annual Scientific Meeting, Wollongong, NSW

N Fernando
The therapeutic potential of the complement inhibitor VCP in a model of retinal degeneration
16th European Molecular Biology Laboratory (EMBL) International PhD Symposium, Heidelberg, Germany
The use of the complement inhibitor VCP in the retina
1st European Molecular Biology Laboratory (EMBL) Australia PhD Symposium, The University of New South Wales, Sydney, NSW

R Galgamuwa Arachchige, PG Board, JE Dahlstrom, AC Blackburn, P Tummala, L Tian and A Theodoratos
Dichloroacetate (DCA) prevents cisplatin-induced acute kidney injury (AKI) by regenerating renal tubular cells while anticancer activity of cisplatin is unaltered.
Australian and New Zealand Society of Nephrology (ANZSN) Annual Scientific Meeting, Canberra, ACT

R Galgamuwa Arachchige, PG Board, JE Dahlstrom, AC Blackburn, P Tummala and A Theodoratos
Dichloroacetate (DCA) prevents cisplatin-induced acute kidney injury (AKI) by regenerating renal tubular cells
20th International Conference on Advances in Critical Care Nephrology, San Diego, CA, USA
S Gharaei, E Arabzadeh and S Solomon
Distribution of visual and somatosensory signals in superior colliculus of rat
Kioloa Neuroscience Colloquium, Kioloa Coastal Campus

D Hu, S Zhu and JR Potas
Red light (670 nm) treatment improves functional and cellular outcomes following spinal cord injury
UWS Sensory Neuroscience Symposium, University of Western Sydney, Sydney, NSW

H Huang
Principal neurons respond differently to odour presentation in vivo
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA

M-A Go
Femtosecond laser dendrotomy
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA

F Haque, D Nisbet, F Maclean and JR Potas
In vivo macrophage polarisation induced by interleukin 10 (IL10) functionalised electrospun nanofibre scaffolds in the peripheral nervous system
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA

C Lee and E Arabzadeh
A novel investigation of sensory prioritization in rats
Kioloa Neuroscience Colloquium, Kioloa Coastal Campus

Y Jeelall
CARD11 as the switch between self-antigen induced B cell death or proliferation and autoantibody production (Oral and Poster presentation)
Keystone Symposia: Biology of B cell responses, Keystone, CO, USA
A novel deep sequencing method for tracking of driver mutations in non-Hodgkin lymphoma
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT
Investigating genetic lesions associated with DLBCL cases
Agilent Next Generation Sequencing Seminar, Canberra, ACT
Novel sequencing methods for tracking driver mutations in non-Hodgkin lymphoma
Department of Immunology Seminar Series, The John Curtin School of Medical Research, ANU, Canberra, ACT
Characterisation of an ENU-induced gain-of-function Card11 mouse strain as a model for human B cell diseases
44th Australasian Society for Immunology Annual Scientific Meeting, Wollongong, NSW

S Jones
Action potential induced suppression of EPSPs by SK channels in dendrites
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA

D Menon
Redox modification of proteins: Glutathione transferase Omega 1 (GSTO1-1) as a deglutathionylase (Oral and Poster presentation)
Gordon Research Conference: Thiol based redox regulation and signalling, Girona, Spain
Redox modification of proteins: Glutathione transferase Omega 1 (GSTO1-1) as a deglutathionylase
15th IUBMB-24th FAOBMB Conference Taipei, Taiwan
Glutathione transferase Omega 1 is a novel redox regulator of TLR4-dependent inflammatory signalling in macrophages
15th IUBMB-24th FAOBMB Conference: Young Scientist Program- (Oral and Poster presentation), Taichung, Taiwan
Glutathione Transferase Omega 1 is a novel redox signalling protein in TLR4 activated macrophages
The 15th Frank and Bobbie Fenner Conference: Professor Philip Board’s contributions to Molecular Medicine, The John Curtin School of Medical Research, ANU, Canberra, ACT
Glutathione transferase Omega 1 is a novel redox regulator of TLR4-dependent inflammatory signalling
Australian Society for Medical Research New Investigator Forum, Canberra, ACT

A Micallef
A postsynaptic contribution to short-term plasticity in the piriform cortex
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA

M Khanna, C Ranasinghe, RJ Jackson and CR Parish
Role of heparan sulfate in pox virus infections
Keystone symposia, Denver, CO, USA

F Haque, D Nisbet, F Maclean and JR Potas
In vivo macrophage polarisation induced by interleukin 10 (IL10) functionalised electrospun nanofibre scaffolds in the peripheral nervous system
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA

A Micallef
A postsynaptic contribution to short-term plasticity in the piriform cortex
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA
Electrical stimulation alters patterns of epileptiform activity in the piriform cortex in vivo
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA
Using hyper-excitability to probe piriform cortex networks
UWS Sensory Neuroscience Symposium, Sydney, Australia
Changing electrical activity in the primary olfactory cortex: what a shock!
Australian Society for Medical Research New Investigator Forum, Canberra, ACT
Changing epileptic activity in the primary olfactory cortex
Canberra Health Annual Research Meeting, Canberra Hospital, | Canberra, ACT

Metreleptin improves metabolic and hepatic endpoints in the treatment of non-HAART associated lipodystrophy syndromes: a meta-analysis into the effects of leptin replacement therapy
Annual Scientific Meeting of the Endocrine Society of Australia, Melbourne, VIC
A Meta-Analysis into the Effects of Leptin Replacement Therapy on Metabolic and Hepatic Endpoints of Patients with Lipodystrophy Syndromes Not Associated with the Use of HIV Protease Inhibitors
Annual Scientific Meeting of The Endocrine Society, Chicago, IL, USA

The therapeutic potential of Glutathione transferase Mu-derived peptides to treat heart failure through cardiac ryanodine receptor Ca2+ channel inhibition
Australian Society for Medical Research New Investigator Forum, Canberra, ACT
The therapeutic potential of Glutathione transferase M2-derived peptides to treat heart failure through cardiac ryanodine receptor Ca2+ channel inhibition
43rd European Muscle Conference Faculty of Natural Sciences, University of Salzburg, Salzburg, Austria

Diffuse effects of an endothelin b receptor (ednrb) mutation: more on the non-enteric phenotype of Hirschsprung’s disease
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

Enzymology and molecular function of 5-methylcytosine (m5C) as a modification of human RNA
35th Annual Lorne Genome Conference, Lorne, VIC, Australia

Enzymology and molecular function of 5-methylcytosine (m5C) as a modification of human RNA
Australian Society for Medical Research New Investigator Forum, Canberra, ACT

Repression of LINE-1 Transcription by H2A.Z
The 2nd Max Planck Freiburg Epigenetic Meeting, Freiburg, Germany

Exploring the role of RNA cytosine methylation in post-transcriptional gene regulation and cancer
ComBio 2014, Canberra, ACT
Investigating the enzymology and molecular function of 5-methylcytosine in RNA
Joint Australia and Japan RNA Meeting, Sydney, NSW
The mysteries of RNA methylation: exploring the enzymology and molecular function of 5-methylcytosine in RNA
Gordon Research Conference: Post-transcriptional Gene Regulation, Newport, RI, USA

Investigating the association of RNA cytosine methylation with post-transcriptional regulation and cancer
Australian Society for Medical Research New Investigator Forum, Canberra, ACT
Investigating the association of RNA cytosine methylation with post-transcriptional regulation and cancer
35th Annual Lorne Genome Conference, Lorne, VIC

Oral Presentations
44th Australasian Society for Immunology Annual Scientific Meeting, Wollongong, NSW
Oral presentation
Croucher Summer Course: Advances in Immunology in Health and Disease, Hong Kong
R Soetanto, CJ Hynes, HR Patel, D Duan, DT Humphreys, NJ Smith, BJ Parker, SK Archer, TH Beilharz, RM Graham, JL Clancy and T Preiss

The dynamics of miRNA-mRNA targeting during cardiac health and disease
1st European Molecular Biology Laboratory (EMBL) Australia PhD Symposium, The University of New South Wales, Sydney, NSW

mRNA 3’UTR expression during cardiac disease: consequences for miRNA regulation
ComBio 2014, Canberra, ACT

Alternative RNA 3’ end cleavage and polyadenylation during cardiac hypertrophy, Rina Soetanto, Joint Australia and Japan RNA Meeting, Sydney, NSW

Expression of mRNA 3’UTR isoforms in the heart
Australian Society for Medical Research New Investigator Forum, Canberra, ACT

Shifting targets: microRNA variants and alternative polyadenylation in the heart
35th Annual Lorne Genome Conference, Lorne, VIC

Shifting targets: microRNA variants and alternative polyadenylation in the heart
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

Mending a broken heart- a big role for small RNAs
3-Minute Thesis Competition, The Australian National University, Canberra, ACT

Mending a broken heart- a big role for small RNAs
The Science Show, ABC Radio National

I Tea, E Martineau, J Lalande, S Barille, AC Blackburn and G Tcherkez

Isotopic signature of 13C and 15N natural abundance in breast cancer
ComBio 2014, Canberra, ACT

B Tonson-Older, T Maddess, J Bell and CJ Lueck

Automated perimetry in neurological visual field loss
Neuro-Ophthalmology Society of Australia, Canberra, ACT

Automated perimetry in neurological visual field loss
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

LTV Tran and C Stricker

Spontaneous Ca2+ transients in nerve terminals of neocortical excitatory neurons
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA

Spontaneous Ca2+ transients in nerve terminals of neocortical excitatory neurons
Meeting of the Society of Neuroscience, Washington, USA

DK Wijesundara, RJ Jackson, DC Tscharke and C Ranasinghe

HIV-1 vaccine development: evaluating mechanisms by which interleukin (IL)-4 and IL-13 down-regulate the quality of anti-viral HIV-specific CD8+ T cell responses following pox viral vaccination
International AIDS2014 Conference, Melbourne, VIC

DK Wijesundara, C Ranasinghe, RJ Jackson, CR Parish and B Quah B

Assessing the quality of CD8+ T cell responses in vivo following HIV-1 recombinant pox virus vaccination using a novel fluorescent target array assay
ACh2, Katoomba, NSW

Y-H Wu, JE Dahlstrom, DJ Tremethick and T Soboleva

A new function for testis-specific histone variants in cancer
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

D Xie, GDH Croaker, K Stefanoska and Z-M Song

Developing a model for studying late effects of ednrb malfunction on brain development
Canberra Health Annual Research Meeting, Canberra Hospital, Canberra, ACT

M Yabas

B cell deficiency and anemia caused by mutations in the murine Atp11c gene
Erciyes University, Kayseri, Turkey

Y Zhang, L Boisseau, P Scott, G Paz–Filho and C Nolan

Is the Strategy for Care of “Low Risk” Women with Gestational Diabetes Mellitus Really Safe?
74th Scientific Sessions of the American Diabetes Association, San Francisco, CA, USA

S Zhu, D Hu and JR Potas

Brainstem changes affected by 670 nm photobiomodulation treatment following T10 hemi-contusion spinal cord injury
34th Annual Meeting of the Australasian Neuroscience Society, Adelaide, SA
COMMUNITY

Dr Mehdi Adibi
Participant: CSIRO Scientists and Mathematicians in Schools, Campbell High School, Canberra, ACT

Ms Ana Alfaro
Presenter and Participant: JCSMR Open Day
Presenter and Participant: First Canberra Ecuadorian Festival, Acton, ACT

Ms Nurdiana Anuar
Vice President: Malaysian Postgraduate Student Association-ACT chapter
Volunteer: Combio 2014, National Convention Centre, Canberra ACT

Associate Professor Ehsan Arabzadeh
Academic Editor: Public Library of Science, PLoS One
Presenter: JCSMR Director’s ‘Health through Discovery’ Public Lecture, Deciphering the language of brain cells
Panellist, public event “Who is in charge, you or your brain?” ARC Centre of Excellence for Integrative Brain Function, Victorian State Library, Melbourne
Spokesperson, Decision theme, ARC Centre of Excellence for Integrative Brain Function
Academic Council Member: Institute for Research in Fundamental Sciences, Tehran, Iran
Faculty: Australian Course in Advanced Neuroscience (ACAN), North Stradbroke Island, QLD
Co-organiser, Kioloa Neuroscience Colloquium, Kioloa Coastal Campus
Member: Neuroscience Honours Committee, JCSMR, ANU, Canberra, ACT
Member: JCSMR Gender Equity Committee
Member: Australasian Neuroscience Society
Member: Society for Neuroscience (USA)

Professor Mauricio Arcos-Burgos
Editorial Board Member: Molecular Genetics and Genomics Medicine
Editorial Reviewer: Nature Genetics; Molecular Psychiatry; Human Genetics, Nephron; Bioinformatics; Translational Psychiatry, Annals of Human Genetics, The ANU Undergraduate Research Journal

Professor John M Bekkers
Director: Australian Course in Advanced Neuroscience (ACAN), Moreton Bay Research Station, North Stradbroke Island, QLD
Reviewing Editor: Frontiers in Neuroscience, BMC Neuroscience
Chair: JCSMR Scholarships Committee
Convenor: JCSMR School Seminar program
Member: JCSMR Executive Committee
Member: JCSMR Education Committee
Member: ANU Neuroscience Management Committee
Member: JCSMR Grant Feedback Committee (Neuroscience)
Council Member: Australasian Neuroscience Society
Ex officio Member: ACAN Management Committee of the Australasian Neuroscience Society
Member: Australian Physiological Society
Member: Society for Neuroscience (USA)
Member: International Brain Research Organization (IBRO)
Presenter and Participant: National Youth Science Forum, JCSMR, ANU, Canberra, ACT
Presenter and Host: JCSMR Outreach Program, Canberra, ACT

Dr Edward M Bertram
Steering Committee Member: International Mouse Phenotyping Consortium
Member: Finance Sub-Committee, International Mouse Phenotyping Consortium
Australian Member: Board of Directors, Asian Mouse Phenotyping Consortium
Conference Organiser: Towards Precision Medicine: Phenotyping human diseases in mice, Canberra, ACT
Workshop Organiser and Session Chair: Asian Mouse Phenotyping Consortium Student Workshop, Canberra, ACT
Meeting Organiser: Asian Mouse Mutagenesis and Resource Association-Asian Mouse Phenotyping Consortium Annual Meeting, Canberra, ACT

Dr Anneke Blackburn
Convenor: JCSMR Cancer Research Consumer Representative Panel, The John Curtin School of Medical Research and Research School of Biology, The Australian National University, Canberra, ACT
Presenter: Cancer Council ACT: Biggest Morning Tea Launch
Presenter: Breast Cancer Treatment Group (Cancer support network)
Member: ASBMB Australian Society for Biochemistry and Molecular Biology
Presenter and Host: JCSMR Outreach Program, Canberra, ACT
Member: American Association for Cancer Research
Member: Kathleen Cunningham Consortium for Research into Familial Breast Cancer (kConFaB)

Dr Andrew Bell
Consulting Editor: Journal of Hearing Science
Member: Australian Acoustical Society
Member: Acoustical Society of America
Professor Philip G Board
Member: ACT Gene Technology Advisory Council
Member: International Society for the Study of Xenobiotics Awards Committee
Editorial Board Member: The Open Drug Metabolism Journal, Drug Metabolism Reviews, The Sirraj Medical Journal

Mr Bob Buckley
Convenor: Autism Aspergers Advocacy Australia (A4)
Chair: Speaking Out for Autism Spectrum Disorder (SOI ASD)
Finalist: 2014 ACT Senior Australian of the Year
Panel Member: NDIA’s Autism Early Intervention Review
Presenter: NDIS pre-planning workshops for autism

Ms Holly Burke
Member: Australian and New Zealand Laboratory Animal Association
Conference Organiser: Australian and New Zealand Laboratory Animal Association Annual Conference

Dr Corinne Carle
Member: Australasian Neuroscience Society
Member: Association for Research in Vision and Ophthalmology (ARVO)
Convenor: JCSMR Eccles Institute of Neuroscience Seminar Series
Supervisor: ACT WEx (Work Experience) Program
Supervisor: ANUMS MChD Student Research Program

Associate Professor Marco G Casarotto
Presenter and Host: JCSMR Outreach Program, Canberra, ACT
Member and Accounts Signatory: Australian Society for Biochemistry and Molecular Biology (ASBMB)
Member: Australian Society for Medical Research (ASMR)
Member: Australian Biophysics Society (ABS)

Professor: USA Biophysical Society
NHMRC Grant Review Panel Member: Biochemistry and Cell Biology

Dr G Chaudhri
Member: Federation of Clinical Immunological Societies
Member: Australasian Society for Immunology
Member: Australian Society for Medical Research

Dr Julian Choy
Presenter and Participant: JCSMR Open Day
Presenter and Participant: National Youth Science Forum, JCSMR, ANU, Canberra, ACT
Presenter and Participant: Australian Brain Bee Challenge, ACT Regional Finals, JCSMR, ANU, Canberra, ACT
Member: Australasian Neuroscience Society
Member: Society for Neuroscience (USA)

Mr Aaron Chuah
Presenter: GPU Cluster for users. Techniques in Computational Genomics Series, The John Curtin School of Medical Research, ANU, Canberra, ACT

Professor Matthew Cook
Member: Royal Australasian College of Physicians Research Committee
Member: NHMRC Grant review panel - Translation Faculty Committee
Examiner: Royal College of Pathologists of Australasia (Immunopathology)
Editorial Board Member: Clinical and Translational Immunology

Dr Lucy Coupland
Category B Member: Animal Experimentation Ethics Committee, ANU

Ms Tiffany Cripps
Presenter and Participant: JCSMR Outreach Program - ANU BIOL3190 Science in the Workplace

Dr Peter Cummins
Presenter and Participant: JCSMR Open Day

Dr Stephen Daley
ACT Branch Treasurer: Australasian Society for Immunology

Dr Vincent Daria
Member: Australasian Neuroscience Society
Member: Society for Neuroscience (USA)
Member: Australian Optical Society
Member: Optical Society of America
Member: International Society for Optics and Photonics

Dr Michael Dobbie
Member: Australia & New Zealand Society for Cell & Developmental Biology (ANZSCDB)
Scientific Co-convenor: EMBL Australia PhD Course, The Australian National University, Canberra, ACT

Dr Guowen Duan
Editorial Board Member: AIMS-Molecular Science, SM Vaccines and Vaccination Journal
Invited Editor: Special issue - The role of non-coding RNAs in autoimmunity diseases, AIMS-Molecular Science
Reviewer: International Journal of Molecular Sciences
Reviewer: Journal of Vascular Research
Reviewer: International Journal of Biological Sciences
Professor Angela F Dulhunty
Member: National Committee for Biomedical Sciences
Member: ARC College
Organiser: Curtin Conference on Muscle, Canberra, ACT
Member: Australian Physiological Society
Member: Biophysical Society USA
Editorial Board Member: Calcium Binding Proteins, Ion Channels, The Biochemical Journal
Grant Assessor: ARC AusReader, NHMRC, European, USA and NZ
Granting agencies

Dr Julia Ellyard
Presenter and Participant: JCSMR Open Day
Presenter and Host: National Youth Science Forum, JSCMR, ANU, Canberra, ACT
Member: Australasian Society for Immunology
Judge: Australian Society for Medical Research New Investigator Forum, Canberra, ACT
Member: Australasian Society for Immunology.
Organizing Committee Member: 45th Annual Meeting of the Australasian Society for Immunology, 2015 Canberra, ACT

Dr Anselm Enders
ACT Councilor: Australasian Society of Immunology
Organizing Committee Chair: 45th Annual Meeting of the Australasian Society for Immunology, 2015, Canberra, ACT
Co-Chair: Organizing committee for joint Workshop - Australasian Society for Immunology and the German Society for Immunology, 2015, Canberra, ACT

Professor Simon Foote
Member: NHMRC Research Committee
Scientific Advisory Board Member: Ramaciotti Foundation
Chair: NHMRC Project Grant Review Panel
Board Member: Royal Hobart Hospital Foundation
Board Member: EMBL Australia Council

Professor Christopher C Goodnow
Member: Australian Academy of Science Special Elections Committee
Member: Wellcome Trust Peer Review College, The Wellcome Trust, UK
Editorial Board Member: Immunity, The Journal of Experimental Medicine, Mammalian Genome, Journal of Autoimmunity, BMC Biology
Council Member: EMBL Australia
Vice-President: Australasian Society for Immunology
Member: American Association for the Advancement of Science
Member: American Association of Immunologists

Dr Suzanne Fowler
Member: Australian and New Zealand Laboratory Animal Association
Member: Veterinary Surgeons Board Conference Organiser: Australian and New Zealand Laboratory Animal Association Annual Conference

Ms Cathy Gillespie
Workshop Host: Bio-Medical Imaging students, Research School of Engineering, ANU, Molecular and cell biology students, UC, Bio3190 students, ANU

Ms Dianne Gooding
President: Australian and New Zealand Laboratory Animal Association
Conference Organiser: Australian and New Zealand Laboratory Animal Association Annual Conference

Professor Jill Gready
Presenter and Participant: JCSMR Open Day
Editorial Board Member: Bioinformatics and Biology Insights
Member: ANU Supercomputing Time Allocation Committee
Fellow: Royal Australian Chemical Institute
Member: Australian Society for Biochemistry and Molecular Biology
Member: Australian Society for Biophysics
Presenter and Participant: First Canberra Ecuadorian Festival, Acton, ACT
Media Interview: Good Food, The Canberra Times: Lost crops of the Incas

Dr Rebecca Haddock
Member: JCSMR Gender Equity Committee
Member: NHMRC Early Career Fellowships Panel
Member: Postgraduate Scholarship and Awards Committee, JCSMR and ANU Medical School
Vice-President: Australia & New Zealand Microcirculation Society
Member: Australasian Society of Clinical & Experimental Pharmacologists and Toxicologists
Member: High Blood Pressure Research Council of Australia
Member: National Association of Research Fellows
Member: American Heart Association
Ms Angela Higgins
Presenter and Participant: JCSMR
Open Day

Dr Kesisuke Horikawa
Member: Australasian Society for Immunology

Ms Helena Huang
Presenter and Participant: JCSMR Open Day, The John Curtin School of Medical Research, ANU, Canberra, ACT
Presenter and Participant: National Youth Science Forum, JCSMR, ANU, Canberra, ACT
Member: Australasian Neuroscience Society
Member: Society for Neuroscience (USA)

Associate Professor Gavin Huttley
Reviewer: Molecular Biology and Evolution; Systematic Biology
Editorial Board Membership: Frontiers in Evolutionary and Population Genetics, Biology Direct, PLoS ONE
Reviewer: ARC, NHMRC
Member: Genetics Society of Australasia, International Society for Molecular Biology and Evolution

Mr Cameron Jack
Member: The Australasian Genomics Technologies Association (AGTA)
Presenter and Participant: JCSMR Outreach Program - ANU BIOL3190 Science in the Workplace ANU
Presenter and Participant: JCSMR Open Day

Mr Yogesh Jeelall
Coordinator: ASMR ACT School Quiz
Chair: ComBio2014 Signalling Colloquium
Co-organiser: Australasian Society for Immunology ACT-NSW Branch Meeting

Dr Babu Kannappan
Presenter and Participant: JCSMR Open Day

Dr Ben Kaehler
Member: Genetics Society of Australasia
Member: Statistics Society of Australia

Associate Professor Guna Karupiah
Vice-President: Federation of Immunological Societies of Asia-Oceania
Member: American Association of Immunologists
Member: American Society for Microbiology
Member: American Society Virology
Member: Australasian Society for Immunology

Dr Yalin Liao
ACT Branch Committee Member:
Volunteer: Scientist and Mathematicians in School
Volunteer: Amaroo School, Canberra, ACT: Healthy dietary habits - Rainbow eating

Professor Ted Maddess
Member: NHMRC Assigners Academy
Section Editor: Clinical and Experimental Ophthalmology
Member: Board of Administration: National Vision Research Institute, Melbourne, VIC
Member: Board of Directors: Australian Council of Optometry, Melbourne, VIC
Consultant: NIH Grants
Founder: nuCoria Pty Ltd
Presenter and Participant: JCSMR Clinical Suite Open Day
Presenter and Participant: JCSMR Open Day

Professor Christopher R Parish
Founding Member: World AllergoOncology Task Force (Vienna-based)
Canberra 2014 Citizen of the Year

Dr Ian Parish
Member: Australasian Society for Immunology
Organizing Committee Member: 45th Annual Meeting of the Australasian Society for Immunology, 2015, Canberra, ACT
News and Commentary Editor: *Immunology and Cell Biology*
Member: Scientific Review Committee for Canberra Health Annual Research Meeting (CHARM) 2014

Dr Peter Milburn
Member: The Association of Biomolecular Resource Facilities (ABRF) USA

Ms Lorena Nunez Villacis
Presenter and Participant: First Canberra Ecuadorian Festival, Acton, ACT
Presenter and Participant: JCSMR Open Day

Ms Stephanie Palmer
Presenter and Participant: JCSMR Outreach Program - ANU BIOL3190 Science in the Workplace and ANU BIOL8702 Masters of Biotechnology, Advanced Research Techniques
Presenter and Participant: JCSMR Open Day
Member: The Australasian Genomics Technologies Association (AGTA)

Professor Ted Maddess
Member: NHMRC Assigners Academy
Section Editor: Clinical and Experimental Ophthalmology
Member: Board of Administration: National Vision Research Institute, Melbourne, VIC
Member: Board of Directors: Australian Council of Optometry, Melbourne, VIC
Consultant: NIH Grants
Founder: nuCoria Pty Ltd
Presenter and Participant: JCSMR Clinical Suite Open Day
Presenter and Participant: JCSMR Open Day

Dr Claudio Mastronardi
Member: International Society for Neuro-Immuno-Modulation (ISNIM)
Member: Society for Neuroscience USA
Member: The Endocrine Society
Dr Hardip Patel
Member: The Australasian Genomics Technologies Association (AMATA)
Member: Genetics Society of Australasia
Facilitator: Weekly drop-in sessions
Workshop Presentation: Genome Sequencing and Annotation: Data Management, at CBA Workshop, Canberra, ACT
Workshop Presentation: GVL-Galaxy workshop, Genetics Society of AustralAsia Annual Meeting, Sydney, NSW

Dr Jason Potas
ANS Representative: Science Technology Australia
ACT Council Representative: Australasian Neuroscience Society
ANU Representative: Australian Medical Schools Assessment Collaboration (AMSAC)
Finalist: Your science in 60 seconds, Science Meets Parliament
PhD Thesis Examiner: University of Sydney
Member: Brazil Regional Reference Group (ANU)
Participant: Scientists in Schools participant
Australasian Neuroscience Society delegate: Science meets Parliament
Australasian Neuroscience Society delegate: Science Technology Australia
ANU Representative: Australian Medical Schools Assessment Collaboration (AMSAC)
Interviewer: ANU Medical School Admissions
Exam Committee member: Year 1 and Year 2, ANU Medical School
Committee member: JCSMR Group Leaders Forum
Committee Member: Medical Science Theme, ANU Medical School
Year 1 exam committee member: ANU Medical School

Professor Thomas Preiss
Member: Australian Society for Biochemistry and Molecular Biology
Chair: RNA network Australasia, an ASBMB SIG
Member: Australasian Microarray & Associated Technologies Association
Member: German Society for Biochemistry and Molecular Biology
Member: ANU Major Equipment Committee
Member ANU Regional Reference Group Europe
Member Early Career Academic Development Committee CMBE/ANU (since 2014)
Member: JCSMR External Relations Committee
Member: JCSMR Group Leaders’ Forum

Deputy Chair: Research Committee CMBE/ANU
NHMRc Panel Member: GRP2a
Grant-Assessor for ARC, National Heart Foundation, Olivia and Vera Ramaciotti Foundation, Sylvia and Charles Viertel Foundation, Marsden Fund (NZ), Swiss National Science Foundation, Austrian Science Fund (FWF), Cancer Research UK, NSF (USA), French National Research Agency (ANR), and European Research Council
CAP committee/ (PhD) thesis examiner: UNSW, University of Sydney, University of Newcastle, UQ, UWA
Editorial Board Member: PLoS ONE
Editorial Board Member: FEBS Open Bio
Co-convenor, Session Chair and Speaker: EMBL Australia PhD Course, Canberra, ACT
Organising committee member: 1st Joint Australia Japan RNA Meeting, Sydney, NSW
Programme Co-chair: ComBio 2014, Canberra, ACT

Dr Gilberto Paz-Filho
Editorial Board Member: Brazilian Archives of Endocrinology and Metabolism
Member: Latin American Thyroid Society
Member: Brazilian Society of Endocrinology and Metabolism
Member: The Endocrine Society
Committee Member: The Endocrine Society’s Minority Affairs Committee
Committee Member: The Endocrine Society’s Awards Review Committee
External Assessor: National Health and Medical Research Council Project Grants
Member: Editorial Board of Translational Gastrointestinal Cancer
Member: The Australian National University Human Research Ethics Committee
Guest Editor: Special issue of Translational Gastrointestinal Cancer: Interactions between the Endocrine System and the Gastrointestinal Tract

Dr Kaiman Peng
Presenter and Participant: JCSMR Outreach Program - ANU BIOL3190 Science in the Workplace

Ms Anne Prins
Presenter and Participant: National Youth Science Forum, JCSMR, ANU, Canberra, ACT
Presenter and Participant: JCSMR Open Day
Presenter and Organiser: Surgical Cut Up Workshops, CIT Bruce, ACT
Invited Speaker: Heparan sulfate staining in Type 1 Diabetes Research Victorian Histology Meeting, Hobart, TAS
Anatomical Pathology Demonstrator: University of Canberra, Bruce, ACT and Canberra Institute of Technology, Bruce, ACT
Professor Jan Provis  
Member: Scientific Advisory of the  
Ophthalmic Research Institute of  
Australia (ORIA)  
Member: Scientific Advisory, EyeCo  
Australia Pty Ltd  
Chair: Research Grants Advisory Group,  
Retina Australia  
Associate Dean: Teaching & Learning,  
ANU Medical School  
Sub-Dean: ANU Medical School,  
Acton Campus  
Member: Australasian Neuroscience  
Society (ANS)  
Member: Association for Research in  
Vision & Ophthalmology (ARVO)  
Member: Scientific Review of Progress –  
ClemCell Project, Bond University.  
Member: Bendigo Bank Scholarship  
Advisory Group, Braidwood-Bungendore  
District. These scholarships are for  
students entering tertiary education and  
are in need of and eligible for  
financial support.

Dr Charani Ranasinghe  
Volunteer worker: Belconnen Art Centre  
Member and Volunteer worker: AIDS  
Action Council ACT  
Member: Australasian Society for  
Immunology  
Member: Society for  
Mucosal Immunology  
ACT Representative: ASI Mucosal  
Immunology Special Interest Group  
President: ASI Mucosal Immunology  
Special Interest Group

Dr Danny Rangasamy  
Grant Assessor: NHMRC  
Editorial Board Member: Solid Tumor;  
Biotechnology Letters  
Member: Australian Society for  
Biochemistry and Molecular  
Biology (ASBMB)

Dr Stuart Read  
Member: International Society of  
Transgenic Technologies (ISTT)  
Member: Australian Society for Medical  
Research (ASMR)  
Member: Australian New Zealand  
Laboratory Animal Association (ANZLAA)  
Session Chair: Asian Mouse Phenotyping  
Consortium Student Workshop,  
Canberra, ACT

Dr Jennifer Robertson  
Presenter and Participant: JCSMR  
Open Day  
Member: Australasian  
Neuroscience Society  
Presenter and Participant: ACT  
Government Women’s Day Event, The  
John Curtin School of Medical Research,  
ANU, Canberra, ACT  
Presenter and Participant: UniSA  
Students Visit, The John Curtin School of  
Medical Research, ANU, Canberra, ACT

Dr Charmaine Simeonovic  
Member: Australasian Society for  
Immunology  
Member: Transplantation Society of  
Australia and New Zealand.  
Member: Transplantation Society  
(International).  
Member: International Pancreas and Islet  
Transplant Association.  
Member: Immunology of Diabetes  
Society (International)  
Member: International  
 Xenotransplantation Association  
Member: Cell Transplantation Society  
Member: Australian Diabetes Society  
Member: Islet Society

Dr Tatiana Soboleva  
Visiting Scientist: Telopea Primary School,  
Barton, ACT as part of the Scientists in  
Schools program, CSIRO, Canberra, ACT

Ms Rina Soetanto  
Presenter: ANU 3-Minute Thesis  
Competition: Mending a broken heart- a  
big role for small RNAs, ANU,  
Canberra, ACT  
Presenter: The Science Show, ABC Radio  
National: Mending a broken heart- a big  
role for small RNAs  
Treasurer: Australian Society for Medical  
Research (ASMR), ACT branch  
Organizing Committee Member: EMBL  
Australia PhD Symposium  
Organizing Committee Member: The John  
Curtin Association of Research  
Students (JARS)  
Reviewer: The ANU Undergraduate  
Research Journal  
Member: Australian Society for  
Biochemistry and Molecular  
Biology (ASBMB)  
Member: The RNA Society

Dr Zan-Ming Song  
Editorial Board Member: Scientific World  
Journal (Neuroscience Section; Open  
Journal of Applied Sciences  
Co-Chair: Block 5 of MChD medical  
curriculum, ANU Medical School, The  
Australian National University,  
Canberra, ACT

Professor Greg Stuart  
Instructor and presenter: Australian  
Course in Advanced Neuroscience, North  
Stradbroke Island, QLD  
Convenor: Australian Brain Bee  
Challenge, ACT Regional Finals, JCSMR,  
Canberra, ACT  
Associate Editor: Frontiers in  
Cellular Neuroscience  
Advisory Editorial Board: Trends  
in Neurosciences  
Council Member: Sydney Chapter of the  
American Society of Neuroscience  
Member: Australasian  
Neuroscience Society  
Member: Australian Academy of Science  
Member: Society for Neuroscience (USA)
Dr Norimitsu Suzuki
Demonstrator: Australian Course in Advanced Neuroscience, Moreton Bay Research Station, North Stradbroke Island, QLD
Presenter and Participant: National Youth Science Forum, JCSMR
Member: Australasian Neuroscience Society
Member: Society for Neuroscience (USA)

Dr Rebecca Sweet
Member: Australian Society for Medical Research
Member: Australasian Society for Immunology
Member: The American Association of Immunologists

Dr Malinda Tantirigama
Member: Australasian Neuroscience Society
Member: Society for Neuroscience (USA)
Presenter and Participant: JCSMR Open Day

Professor David Tremethick
Committee member: ACT branch of the Australian Society for Medical Research
ACT representative: The Australian Society of Biochemistry and Molecular Biology
Editorial Board Member: Chromosoma; Epigenetics; Epigenetics & Chromatin; Open Biology
Member: Lorne Genome Society
Member: Australian Society for Biochemistry & Molecular Biology
Member: American Society for Microbiology
Stream coordinator: ComBio Conference, Canberra, ACT

Dr Krisztina Valter
Chair: ANU Medical School Foundation
Block, ANU, Canberra, ACT
Chair: JCSMR Workplace Health & Safety Committee
Founding Member: ANU Education Fellowship Scheme Committee
Member: ANU Medical School Research Project Committee
Member: Year 1 and Year 2 Examination Committees, ANU Medical School, ANU, Canberra, ACT
Member: Phase 1 Curriculum Committee, ANU Medical School, ANU, Canberra, ACT
Member: Medical Science Committee, ANU Medical School, ANU, Canberra, ACT
Member: Neuroscience Discipline Committee, JCSMR, ANU, Canberra, ACT
Member: Association for Research in Vision and Ophthalmology (ARVO)
Member: European Vision and Eye Research (EVER)
Member: International Society of Ocular Cell Biology (ISOCB)
Member: Australasian Neuroscience Society (ANS)
Member: Australia and New Zealand Association for Clinical Anatomists (ANZACA)
Member: International Association for Medical Education (AMEE)
Presenter and Participant: National Youth Science Forum, JCSMR, ANU, Canberra, ACT
Presenter and Participant: Indigenous student open day, ANU Medical School, ANU, Canberra, ACT
Participant: Bioscience Teaching in Allied Health Working Group CUBE NET
Participant: Scientists and Mathematicians in Schools

Ms Tatiana Vassilieva
Presenter and Participant: JCSMR Open Day

Mr Jorge Velez
Reviewer: Revista Colombiana de Estadistica (Colombian Journal of Statistics), Department of Statistics, National University of Colombia at Bogotá; Revista Comunicaciones en Estadistica Communications in Statistics Journal; Revista DYNIA (Dyna Journal), Faculty of Mines, National University of Colombia at Medellin; Revista de Ingeniería (Engineering Journal), University of Antioquia, Medellin, Colombia

Professor Carola G Vinuesa
Member: Australasian Society of Immunology
Member: American Association of Immunologists
Member: NHMRC Women in Health and Science Research (WiHS) working committee
Scientific Advisory Board Member: Sylvia and Charles Viertel Foundation
WHO Advisor: Department of Reproductive Health
Advisory Board Member: Autoimmunity Center of Excellence, Bill R Center for Inflammation & Genomic Medicine, Baylor Institute, Dallas, TX, USA
Member: JCSMR Executive Committee
EC Scientific Advisory Council Member: SYBILLA European Community Program
‘System Biology of T cell activation in Health and Disease’

Dr Harpreet Vohra
Workshop and Lecture Host: Master of Biotechnology students, ANU, Bio-Medical Imaging students, Research School of Engineering, ANU, Immunology students, UC, Molecular and cell biology students, UC, Biol3190 and BIOL3144 students, ANU
Presenter: Australian Cytometry Society Meeting, Gold Coast, QLD

Dr Hilary Warren
Audio Descriptor: Vision Australia

Ms Belinda Whittle
Member: The Australian Genomics Technologies Association
Session Chair: Asian Mouse Phenotyping Consortium Student Workshop, Canberra, ACT
Support to JCSMR 2014

Grant Success

Financial Overview

Donors to JCSMR

Report from The John Curtin Medical Research Foundation

Our Corporate Sponsors
GRANTS

ACT Chief Minister - Treasury and Economic Development Directorate

Professor C Parish and Professor R Hannan
Professor C Parish and Professor R Hannan
Centenary Chair in Cancer Research
$500,000

Australian Centre for HIV and Hepatitis Virology Research Grant

Dr A Suhrbier, Professor E Gowans, Dr C Ranasinghe and Dr K Wagstaff
Validation of an effective HIV vaccine for pre-clinical evaluation
$165,000

Dr C Ranasinghe and Dr A Suhrbier
EcoHIV: a convenient biosafety Level 2 mouse model for animal testing of HIV vaccines and anti-retroviral drugs
$22,900

Australian National University Major Equipment Committee Award

Professor J Carver, Professor G Otting, Professor D Tremethick, Dr D Hall and Associate Professor M Casarotto
Foundation of a Quantitative Bio-molecular Interactions Analysis Facility
$95,000

Professor S Easteal, Associate Professor M Arcos-Burgos and Dr C Mastronardi
Robotics to Prepare Human samples for Genome Sequencing
$165,000

Associate Professor G Huttley, Professor J Borevitz, Professor S Easteal, Professor C Moritz and Dr S Foret
Genome Diversity of Australia
$110,000

Australian Research Council Centre of Excellence

Professor G Stuart, Associate Professor E Arabzadeh, Professor M Ibbotson, Professor P Martin, Professor S Petrou, Professor S Skafidas, Professor M Rosa, Professor J Mattingley, Professor PA Robinson, Professor AJ Lowery, Professor G Paxinos, Associate Professor U Grunert, Professor G Egan, Professor P Sah
Integrative Brain Function
$292,133

Australian Research Council Discovery Project Grants

Associate Professor E Arabzadeh
Sensory integration in the whisker pathway: cortical transformations and the neuronal mechanisms that underlie decision confidence
$115,000

Dr VR Daria
Four-dimensional analysis of information processing in brain circuits
$255,000

Dr VR Daria, Associate Professor C Stricker, Professor S Redman, Professor H Bachor and Professor G Stuart
Using light to probe brain activity in 3D
$140,000

Professor A Dulhunty, Dr N Beard and Dr F Protasi
Calcium signalling by intracellular calcium stores in rabbit, mouse and man: Implications for muscle performance and athletic ability
$145,000

Professor S Easteal and Professor NG Martin
Variation in the arginine vasopressin 1a receptor gene in the social environment and health
$112,000

Professor T Preiss
Tracking factor footprints to reveal the intricacy and control of translation initiation
$110,000

Dr D Rangasamy and Professor JE Dahlstrom
Understanding the role of endogenous siRNAs in the maintenance of genomic defences
$70,000

Professor D Tremethick
Understanding how dynamic changes in chromatin composition control genome function
$182,000

Australian Research Council Future Fellowship

Associate Professor E Arabzadeh
Neuronal and behavioural correlates of sensory adaptation
$177,397

Australian Research Council Linkage Project

Professor T Maddess, Professor G Stuart, Dr A James and Dr B McGrath
Creating new methods to study structure vision
$180,762

Bayer CropScience LP

Professor J Gready
Development of ANU technology for the design of variant Rubisco proteins with improved catalytic activity
$589,287

Belgian Science Policy Office InterUniversity Attraction Poles Programme Grant

Professor CG Vinuesa
T lymphocytes: from basic biology to immunotherapy
$10,100
<table>
<thead>
<tr>
<th>Funding Body</th>
<th>Project Title</th>
<th>Principal Investigators</th>
<th>Amount</th>
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<tr>
<td>Bioplatforms Australia Ltd National Collaborative Research Infrastructure Scheme</td>
<td>Emerging Biomolecular Platforms and Informatics Project</td>
<td>Professor D Tremethick</td>
<td>$450,000</td>
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<td>Cancer Australia</td>
<td>Targeting of two aspects of metabolic (TOTAM) for cancer therapy</td>
<td>Dr A Blackburn and Professor P Board</td>
<td>$3,560</td>
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<td>Commonwealth Department of Education Collaborative Research Infrastructure Scheme</td>
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<td>Dr S Winslade</td>
<td>$1,325,815</td>
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<td>Commonwealth Department of Health</td>
<td>Novel quantitative methods that enhance clinical decision support based on routine pathology testing</td>
<td>Associate Professor B Lidbury and Dr T Badrick</td>
<td>$53,900</td>
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<tr>
<td>Department of Industry, Innovation, Climate Change Science Research and Tertiary Education (DIICCSRTE) Australia-India Strategic Research Fund</td>
<td>An insertional mutagenesis approach to identify epigenetic factors that control embryonic stem cell differentiation</td>
<td>Professor P and Dr N Lenka</td>
<td>$82,559</td>
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<tr>
<td>Department of Industry, Innovation, Climate Change Science Research and Tertiary Education (DIICCSRTE) National Collaborative Research Infrastructure Scheme</td>
<td>Australian National University Major Open Data Collections Project</td>
<td>Professor Simon Easteal</td>
<td>$200,000</td>
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<td>Australian Phenomics Network</td>
<td>Dr S Winslade</td>
<td>$1,171,000</td>
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<td>Genentech</td>
<td>Genentech Research Collaboration and Exclusive License Agreement</td>
<td>Dr S Winslade</td>
<td>$1,171,000</td>
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<tr>
<td>Grains Research and Development Corporation (GRDC)</td>
<td>Identification of Superior Rubiscos in Wheat Relatives and Introgression into Elite Wheat</td>
<td>Professor J Gready</td>
<td>$750,000</td>
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<td>Heart Foundation</td>
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<td>Human Frontier Science Program</td>
<td>The role of T cell derived interferon gamma in lupus associated anxiety and depression</td>
<td>Dr R Sweet</td>
<td>$77,550</td>
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<td>Ian Potter Foundation</td>
<td>Intra-vital microscopy for research into infectious disease, cancer and autoimmunity</td>
<td>Associate Professor I Cockburn</td>
<td>$50,000</td>
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<td>Melanoma Institute Australia</td>
<td>Virtual Genomics Laboratory</td>
<td>Mr M Field</td>
<td>$75,000</td>
</tr>
<tr>
<td>MuPharma Pty Ltd</td>
<td>Evaluation of a novel mucosal vaccine delivery device</td>
<td>Dr C Ranasinghe</td>
<td>$49,295</td>
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<td>National Health &amp; Medical Research Council Australia Fellowship</td>
<td>New strategies to reveal the genetic and cellular basis of immunological disease</td>
<td>Professor CC Goodnow</td>
<td>$800,000</td>
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<tr>
<td>National Health &amp; Medical Research Council Career Development Fellowships</td>
<td>Control of cardiac and skeletal contractility by luminal calcium store load in health and disease</td>
<td>Dr N Beard</td>
<td>$96,040</td>
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<td>Investigating B cell development maintenance and high-affinity antibody production by ENU mutagenesis</td>
<td>Dr A Enders</td>
<td>$101,220</td>
</tr>
<tr>
<td>National Health &amp; Medical Research Council Early Career Fellowships</td>
<td>RNA methylation and microRNA function in eukaryotic RNA</td>
<td>Dr N Beveridge</td>
<td>$76,149</td>
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</table>
Dr J Reed
Mechanisms of anti-Ro60 autoantibody-mediated tissue injury in congenital heart block
$76,419

National Health & Medical Research Council Equipment Grants
Dr M Casarotto
Wyatt QELS-Quasi-Elastic Light Scattering Accessory
$32,240

Dr A Enders
561 nm yellow green laser for flow cytometry
$31,000

Professor D Tremethick
QuantStudio 3D Digital PCR System
$37,199

National Health & Medical Research Council Postdoctoral Training Fellowships
Dr J Ellyard
The effect of follicular helper T cells on AID regulation and selection of high affinity germinal centre B cells
$20,375

Dr I Parish
Regulation of CD8+ T cell dysfunction during tolerance and chronic viral infection
$77,718

National Health & Medical Research Council Postgraduate Scholarship
Dr S Jiang
The effect of single nucleotide polymorphisms on immune regulation and the development of systemic lupus erythematosus
$48,956

National Health & Medical Research Council Program Grants
Professor R Hannan, R Hicks, RB Pearson and G McArthur
Oncogenic signaling and cancer therapy
$350,000

Professor C MacKay, Professor J Sprent, Professor CC Goodnow, Dr F MacKay, Professor CG Vinuesa, Professor A Basten, Professor B Fazekas de St Groth, Dr S Tangye and Dr R Brink
Molecular and cellular studies of the adaptive immune response in health and disease
$1,086,841

Professor C Parish, Professor B Chong, Professor LM Khachigian and Professor R Stocker
Novel Mechanisms Molecular Targets and therapies in Cardiovascular Disease
$386,682

Professor PG Board, Professor AF Dulhunty, Dr MG Casarotto and Professor L Arnolda
New cardiac ryanodine receptor inhibitors for the treatment of heart failure
$197,244

Professor S Broer, Dr A Enders and Associate Professor R Callaghan
Phospholipid dependent signaling in B-cells
$146,725

Associate Professor M Casarotto, Professor J Dahlstrom, Professor A Oakley and Dr S Rao
Epigenetic regulation by lysine specific demethylases in human breast cancer stem cells
$22,881

Professor M Cook, Dr D Tscharke, Professor C Goodnow and Dr D Fulcher
Genomic medicine for human immune deficiency
$167,123

Professor AF Dulhunty, Professor L Arnolda, Dr A Blackburn and Dr N Beard
Anthracyclines disrupt Ca2+ signalling in cardiomyocytes: a contribution to cardiac toxicity
$148,775

Professor AF Dulhunty, Dr MG Casarotto and Professor PG Board
DHPR β subunit binding to a variably spliced region of RyR1: A role in EC coupling and myotonic dystrophy
$178,902

Professor AF Dulhunty, Dr MG Casarotto, Professor PG Board and Professor A Oakley
Interaction between the alpha and beta subunits of the DHPR- a missing link in skeletal muscle excitation contraction coupling and a role in sarcopenia
$222,475
**Professor S Easteal, Dr N Cherbuin, Professor M Arcos-Burgos and Associate Professor G Huttley**

Haplotype variation at the dopamine transporter gene [SLC6A3]: function endophenotypes cognition and ADHD

$198,336

**Dr K Horikawa**

Antigen receptor as oncogene: Understanding CARD11 mutations in B cell malignancy

$195,801

**Associate Professor G Huttley** and Dr W Meyer

Uncovering the genetic basis of fungal virulence

$82,893

**Professor J Licinio, Professor M Arcos-Burgos, Associate Professor G Huttley, Professor S Easteal, Professor B Raphael, Professor M-L Wong**

Genetic variants and environmental factors in depression

$141,498

Professor JP Mackay and Dr D Ryan

Structural and functional analysis of a cancer-linked co-regulator complex

$15,000

**Professor T Preiss, Professor M Hentze**

Charting the interface between cellular metabolic states and gene regulation

$210,217

**Dr C Simeonovic and Professor S Bornstein**

Impact of islet beta cell heparan sulfate in Type 2 diabetes

$148,636

**Dr C Simeonovic, Professor C Parish and Professor S Bornstein**

Mechanism of protection of islet beta cells from T1D by heparan sulphate

$198,678

**Professor GJ Stuart**

Impact of inhibition on brain function

$203,732

**Professor DJ Tremethick**

How our genome is regulated to determine cell function

$216,864

**Professor DJ Tremethick**

A new function for histone variants in the tissue-specific regulation of pre-mRNA splicing

$211,864

**Dr K Valter- Kocsi, Professor J Provis, Professor P Gatenby and Dr M Madigan**

Fighting age-related macular degeneration by reducing inflammatory events

$170,695

**Professor CG Vinuesa and Dr J Ellyard**

Novel pathways that regulate T cells

$208,742

**Professor I Young and Professor P Foster**

Targeting miRNA to inhibit leukocyte differentiation: a novel anti-inflammatory approach for the treatment of asthma

$96,835

**Professor I Young, Professor D Ollis and Dr J Murphy**

Cytokine-driven allergic inflammation: characterization of two isoform-specific modes of IL-3 receptor activation and investigation of new receptor-associated signalling partners

$199,895

**National Health & Medical Research Council Research Fellowships**

**Professor C Vinuesa**

$132,903

**National Institutes of Health (US) Project Grants**

**Professor C Goodnow, Associate Professor G Karupiah, Dr E Bertram and Professor R Ulevitch**

Core A: Genetics

$630,442 (in conjunction with The Scripps Research Institute)

Core A: Systems approach to immunity and inflammation

$802,954 (in conjunction with The Scripps Research Institute)

**Professor C Goodnow, Professor R Ulevitch and Professor B Beutler**

Core A: Genomics

$128,418 (in conjunction with The Scripps Research Institute)

**Professor T Lamb**

Short-term adaptations in photoreceptors

$44,280

**Perpetual Trustees Australia**

**Associate Professor Ian Cockburn**

Development and testing of a chemically attenuated whole parasite malaria vaccine

$100,000

**Vasculitis Foundation**

**Professor C Vinuesa and Dr G Walters**

The role of microRNA in a novel mouse model of vasculitis

$50,000
FINANCIAL OVERVIEW

Staff numbers

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic staff *</td>
<td>75.1</td>
<td>72.75</td>
</tr>
<tr>
<td>General staff — administration, technical &amp; support **</td>
<td>140.45</td>
<td>139.44</td>
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<tr>
<td>HDR students (EFTSL)</td>
<td>81.0</td>
<td>73.56</td>
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<tr>
<td>Postgraduate coursework students (EFTSL)</td>
<td>11.1</td>
<td>8.38</td>
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<tr>
<td>Undergraduate Students</td>
<td>23.9</td>
<td>22.38</td>
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</tbody>
</table>

* The figures are for Full Time Equivalents, as at 31 December, and exclude casuals

** Includes Animal Service Facility staff

Recurrent and Special Purpose Funds $

Total Income

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2014</th>
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</thead>
<tbody>
<tr>
<td>Student Fees</td>
<td>464,760</td>
<td>319,380</td>
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<td>Other Income</td>
<td>23,595,143</td>
<td>20,649,445</td>
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<tr>
<td>Internal Sales</td>
<td>3,986,467</td>
<td>4,409,951</td>
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<tr>
<td>Transfer from other</td>
<td>6,419,273</td>
<td>1,514,428</td>
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<tr>
<td>Internal Allocations</td>
<td>2,495,286</td>
<td>2,854,129</td>
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<tr>
<td>Operating Grant</td>
<td>17,930,737</td>
<td>17,330,125</td>
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<tr>
<td>Investment Income</td>
<td>59,501</td>
<td>332,507</td>
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<tr>
<td>Total Income</td>
<td>54,951,167</td>
<td>47,409,964</td>
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</table>

Total Expenditure

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2014</th>
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</thead>
<tbody>
<tr>
<td>Salaries &amp; Related Costs</td>
<td>24,999,564</td>
<td>25,149,425</td>
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<tr>
<td>Equipment - Capital</td>
<td>4,309,383</td>
<td>2,497,909</td>
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<tr>
<td>Equipment - Non-Capital</td>
<td>533,048</td>
<td>491,920</td>
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<tr>
<td>Scholars Expenses</td>
<td>902,531</td>
<td>804,195</td>
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<tr>
<td>Utilities &amp; Maintenance</td>
<td>2,766,480</td>
<td>2,895,152</td>
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<tr>
<td>Travel Field &amp; Survey Expenses</td>
<td>789,586</td>
<td>700,655</td>
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<tr>
<td>Expendable Research Materials</td>
<td>8,788,626</td>
<td>8,036,656</td>
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<tr>
<td>Other Expenses</td>
<td>8,238,979</td>
<td>5,816,066</td>
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<tr>
<td>Transfer to other</td>
<td>7,661,040</td>
<td>4,369,186</td>
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<tr>
<td>Total Expenditure</td>
<td>58,989,238</td>
<td>50,761,167</td>
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Net Current Year Operating Result

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<th>2014</th>
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</thead>
<tbody>
<tr>
<td>4,038,070</td>
<td>3,351,203</td>
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Prior Year Cash Result

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</thead>
<tbody>
<tr>
<td>21,225,223</td>
<td>17,683,730</td>
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</table>

Net Operating Position

<table>
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<tr>
<th></th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>17,187,153</td>
<td>14,332,526</td>
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</table>
# DONORS TO THE JOHN CURTIN SCHOOL OF MEDICAL RESEARCH

The Director, staff and students of JCSMR thank all those friends and donors who so generously supported our work during 2014.

Their Gifts and bequests to the School are being used to fund vital medical research projects as well as providing scholarships and purchasing specialised equipment.

If you would like to support our research, please consider a gift or bequest to fund a particular research project, scholarship or prize.

If you would like to discuss options for supporting JCSMR, please contact:

**Dr Madeleine Nicol**  
T 02 6125 2577  
E madeleine.nicol@anu.edu.au

<table>
<thead>
<tr>
<th>Name</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Estate of the Late Ms Dulya Anscombe</td>
<td></td>
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<tr>
<td>Mr Stephen Barrett</td>
<td></td>
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<tr>
<td>Bowlate Pty Ltd</td>
<td></td>
</tr>
<tr>
<td>Mr Mark Bruce</td>
<td></td>
</tr>
<tr>
<td>Canberra Medical Society</td>
<td></td>
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<tr>
<td>Club Jervis Bay</td>
<td></td>
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<tr>
<td>Ms Joanne Donnelly</td>
<td></td>
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<tr>
<td>Miss Rachel Feeney</td>
<td></td>
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<tr>
<td>Mrs Gwenyth Hallows</td>
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<tr>
<td>Dr Kevin Harding</td>
<td></td>
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<tr>
<td>Mrs Bev Harvey</td>
<td></td>
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<tr>
<td>Mr Kieren Harvey</td>
<td></td>
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<tr>
<td>Mrs Marie Hotchkiss</td>
<td></td>
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<tr>
<td>John James Foundation</td>
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<tr>
<td>Mrs Robyn Jones</td>
<td></td>
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<tr>
<td>Mrs Yvonne Keen</td>
<td></td>
</tr>
<tr>
<td>Mr Michael King</td>
<td></td>
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<tr>
<td>Mrs Thelma Maurice</td>
<td></td>
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<tr>
<td>Ms Jennifer McEniery</td>
<td></td>
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<tr>
<td>Ms Heather McLoughlin</td>
<td></td>
</tr>
<tr>
<td>Mrs Annmarie McQuarrie</td>
<td></td>
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<tr>
<td>Mrs Frances and Mr James Mifsud</td>
<td></td>
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<tr>
<td>Mr John Nagle</td>
<td></td>
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<tr>
<td>Mr Kevin Nguyen</td>
<td></td>
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<tr>
<td>Mrs Rhonda Robinson</td>
<td></td>
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<tr>
<td>Mr Gordon and Mrs Barbara Rogers</td>
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<tr>
<td>Rotary Club of Goulburn, Mulwaree</td>
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<tr>
<td>Sarcoidosis Australia</td>
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<tr>
<td>Mr Robert Schutz</td>
<td></td>
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<tr>
<td>Mrs Diana Scudamore</td>
<td></td>
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<tr>
<td>Mr Dominic Staun</td>
<td></td>
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<tr>
<td>Mrs Helene Stead</td>
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<tr>
<td>Miss Tracey Stevenson</td>
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<tr>
<td>Ms Sue Sullivan</td>
<td></td>
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<tr>
<td>The Sarah-Grace Sarcoma Foundation</td>
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<tr>
<td>Mr Robert Tupper</td>
<td></td>
</tr>
<tr>
<td>Mr Thomas and Mrs Jenny Tyrrell</td>
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<tr>
<td>Ms Debbie Vipond</td>
<td></td>
</tr>
<tr>
<td>The Estate of the Late Dr Gwendolyn Woodroofe</td>
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</tr>
<tr>
<td>Mr Robin Yule</td>
<td></td>
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</table>
Our thanks go to those who have so generously supported The John Curtin Medical Research Foundation at ANU during 2014.

2014 was a very successful year for The John Curtin Medical Research Foundation, with many goals achieved.

The highlight of the year was our second Annual Dinner, at which Nobel Laureate Professor Robin Warren was our special guest. Nearly 200 attendees heard Professor discuss the science that led to his and Professor Barry Marshall’s discovery of the Helicobacter pylori as the cause of peptic ulcers.

The 2nd Annual Dinner also saw the Foundation achieve its goal of purchasing a $1.2M intra-vital microscope for the John Curtin School of Medical Research, thanks to generous donations on the night from the John James Foundation, and Janice and Ron Parker. The Board is very grateful for all the donations it has received over the past two years culminating in this purchase.

We were also able to produce three high quality newsletters throughout 2014, which highlighted the excellence of medical research at ANU. I would particularly like to thank Ken Begg, Dr Peter Jeffrey and Dr Madeleine Nicol for their superb efforts in producing the newsletter, which was very favorably received by the public at large.

Another 2014 highlight for the Foundation was the announcement that Professor Ross Hannan had been appointed as the first Centenary Chair of Cancer Research at The John Curtin School of Medical Research. The Foundation played a very significant role in achieving $1.5M in support from the ACT Government to partner with ANU in this appointment.

In February 2014 the National Centre for Indigenous Genomics was launched at JCSMR. The Canberra Medical Society, which has been involved in Indigenous health projects for over a decade, donated $34,000 to support the NCIG and their important work. The CMS, in conjunction with JCMRF will host “Sunday Dreaming” on the grounds of Government House in May 2015, in order to raise further funds and increase awareness about the work of the NCIG.

The Foundation has greatly enjoyed engaging with all those donors who have supported our projects, and medical research at ANU throughout 2014.

I would like to thank each of those donors on behalf of the Board for their passion for life changing medical research, and their generosity.

Dr Cameron Webber OAM
Chair – The John Curtin Medical Research Foundation

For further information please see: jcmrf.anu.edu.au

The Board would also like to thank all those who volunteered their time and expertise, provided prizes for our fundraising events, and supported the Foundation throughout 2014.

Ms Helen Aitken-Kuhnen
Mr Martin and Mrs Susie Beaver – The Beaver Galleries
Bilk Gallery

Mr Rodney and Mrs Michele Black
Boffins Restaurant, University House
The Brassey Hotel
Burbury Terrace, The Burberry Hotel and Apartments
Bunnagagoo Wines, Mudgee
Capital Eye
Creations Jewellers Manuka
Ms Marilyn Fenner
Focus on Eyewear

Ms Donna Gibbons
Home by Creations Manuka
Ms Gina Jeffrey
Malamaay
Mania Manuka
Marshall Surf Design
Ms Lynne Mills
Mont Adventure Equipment
Ms Rhonda Robinson
Mrs Joanna Webber
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