Macarthur Symposium
Rare Diseases Day
Friday 6 October 2017
9am to 4.30pm

HOSTS
The Australasian Mastocytosis Society (TAMS)
Campbelltown Hospital, Western Sydney University

CONVENOR
Professor Connie Katelaris
Professor of Immunology, School of Medicine, Western Sydney University
Head of Immunology Department, Campbelltown Hospital

VENUE
Lecture Theatre, Western Sydney University Macarthur Clinical School
Campbelltown Hospital, Therry Road, Campbelltown NSW 2560

REGISTRATION
NO Registration Fee
Registration is ESSENTIAL via TAMS: info@mastocytosis.com.au

CATERING
Morning Tea and Light Lunch provided
Programme

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<th>TIME</th>
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| 9:00–9:10  | Introduction and Welcome                   | Professor Connie Katelaris  
Professor of Immunology  
School of Medicine, Western Sydney University  
Head of Immunology Department, Campbelltown Hospital |
| 9:10–9:30  | Opening Address                            | Professor Barney Glover  
Vice-Chancellor and President, Western Sydney University |
| 9:30–10:05 | Mast cell biology and activation pathways  | Dr Graham Mackay  
Senior Lecturer  
Department of Pharmacology and Therapeutics University of Melbourne |
| 10:05–10:55| Spectrum of mast cell disease – Mast cell activation disorders and mastocytosis | Dr Clive Grattan  
Consultant Dermatologist  
St John's Institute of Dermatology, London, UK |
| 10:55–11:15| MORNING TEA                                |                                                                        |
| 11:15–11:50| Systemic mastocytosis – the haematologist’s view | Associate Professor Stephen Fuller  
Clinical Haematologist, Nepean Hospital |
| 11:50–12:30| Cutaneous mastocytosis – paediatric practice | Dr Li-Chuen Wong  
Consultant Paediatric and Adult Dermatologist |
| 12:30–13:30| LUNCH                                     |                                                                        |
| 13:30–14:05| Kallikrein biochemistry and related pathways in HAE – future directions | Dr Anthony Roberts  
Senior Scientist Assay Innovation and Clinical Translation, CSL Limited |
| 14:05–14:35| Angioedema and its many forms             | Professor Connie Katelaris |
| 14:35–15:30| New directions in prophylaxis – the 830 trial and the pipeline | Dr William Lumry  
Allergist, Clinical Professor of Internal Medicine, Southwestern Medical School, Dallas, University of Texas |
| 15:30–16:10| GENE A – genetic screening and pre implantation Dx | Dr Steve Grkovic  
PGD Scientist, Genea |
| 16:10–16:30| Closing Remarks                           |                                                                        |

Speakers

**LI-CHUEN WONG**

Consultant paediatric and adult dermatologist

Li-Chuen works at Sydney Skin, RPAH Medical Centre, Newtown, and is a Visiting Medical Officer at the Children’s Hospital at Westmead. She is a Senior Clinical Lecturer, University of Sydney, Supervisor of Training at the Children’s Hospital at Westmead and Director of Training Elect, NSW. She graduated with honours from the University of Sydney. Li-Chuen was awarded the Ken Paver Prize for coming first in the Part 1 Dermatology Examinations and the Presidents Medal for the Part 2 Dermatology Examinations. In 2008, she was awarded the Young International Dermatologist of the Year, presented at the World Congress of Dermatology, Buenos Aires, Argentina.

Li-Chuen undertook a paediatric fellowship with Dr Maureen Rogers, and has an interest in vascular malformations and indigenous health.
Speakers

ANTHONY ROBERTS
Senior Scientist Assay Innovation and Clinical Translation, CSL Limited

Anthony Roberts completed Doctoral studies in Antibody Engineering at CSIRO laboratories in Melbourne (1997-2001). Following this he worked in a successful start-up company focussed on therapeutic antibody/protein optimisation, Evogenix, later acquired to become Arana, then Cephalon, firstly in technology platform development, then in biologics drug development (2001-11). He followed this working independently on the development of intellectual property and a business plan that lead to the recent formation of a start-up company focussed on bi-specific modalities for biologics (2012-13). He joined CSL in 2013 as a senior translational scientist supporting drug development in the HAE, thrombosis and transplant therapy areas.

DR STEVE GRKOVIC

Steve has a background in molecular biology, microbiology, cancer and cell biology research. Since joining Genea in 2012 he has been involved in all aspects of the Genea PGD program, including embryo biopsy, custom test design, molecular testing and reporting of results. Major contributions have been the implementation of key changes designed to accommodate increased sample throughput in the PGD laboratory, including improvements to semi-automated NGS protocols, validation of karyomapping and the development of an in house LIMS. Steve’s initial scientific research focused on identifying genetic factors in a successful biological control agent. This work was performed during MSc studies at The University of Canterbury, New Zealand and subsequent employment by AgResearch, New Zealand. A PhD in Molecular Biology from The University of Sydney followed, where studies of a bacterial regulator of multidrug resistance made major advances in our understanding of how a single protein can bind structurally diverse compounds. While undertaking a postdoc at the Ecole Normale Superieure de Lyon, France, he retrained as a cell biologist and investigated novel regulators of human Epigenetic inheritance. On return to Australia, a final Postdoc at the Kolling Institute, Royal North Shore Hospital, identified a new mechanism whereby Insulin-like Growth Factor Binding Protein-3 impacts breast cancer.

STEPHEN FULLER

Stephen is a Clinical Haematologist at Nepean Hospital and is responsible for investigating and treating outpatients and inpatients with a range of malignant and non-malignant Haematological disorders. In addition to Clinical Haematology, Stephen is qualified in Laboratory Haematology and is the Head of the Flow Cytometry Service at Nepean.

Stephen is the senior Haematology academic at Sydney Medical School, Nepean and is University Chair of Haematology, Stage 1, Block 4, Teaching.

Research Interests

➢ Biology of the ATP-gated, cation-selective, P2X7 receptor and significance to human infectious, malignant and autoimmune diseases.

➢ The genetics of chronic lymphocytic leukaemia.

BARNEY GLOVER

Professor Barney Glover assumed his position at Western Sydney University in January 2014. Professor Glover is currently the President of the Board of Trustees of the Museum of Applied Arts and Sciences Trust and the Australian Government representative on the University of the South Pacific Grants Committee. He is also a Board Member of the Australian American Fulbright Commission, and The Committee for Sydney, and, Member of the NSW Innovation and Productivity Council and the NSW Arts and Culture Advisory Committee. Professor Glover is a Fellow of the Academy of Technological Sciences and Engineering (ATSE) and the Royal Society of NSW. Professor Glover’s esteemed career also includes significant expertise and experience at the most senior levels of university management and substantial business leadership credentials. He has also served on the boards of a range of corporate organisations and several state and national centres covering areas such as health and medical research, energy, mineral exploration, and telecommunications.

Through the work of Western Sydney University’s School of Medicine, and as the former Chair of Rare Voices Australia, 2013-2015, Professor Glover has a strong interest in the development of diagnostic tools and treatments for rare diseases along with advocacy for the lifesaving drugs program and a national strategy for rare diseases.
CLIVE GRATTAN
Dr Clive Grattan, MA, MD, FRCP, is currently Consultant Dermatologist at St John’s Institute of Dermatology, London, UK. He was chair of the Dermatology section of the European Academy of Allergy and Clinical Immunology (EAACI), the academic association behind this journal, from 2010-2012.

Research Interests
- Autoimmune urticaria
- Pathogenesis and treatment

CONNIE KATELARIS
Dr Connie Katelaris is a Professor of Immunology & Allergy, Western Sydney University and Head of Department and Senior Staff Specialist at Campbelltown Hospital. She also has a busy private consultant practice at Westmead.

Dr Katelaris is a past president of the Australasian Society of Clinical Immunology and Allergy, an immediate past president of the Asian Pacific Association of Allergology, Asthma and Clinical Immunology, and she has held executive positions on the World Allergy Organisation Board. Connie has a special clinical interest in all aspects of allergic diseases in children and adults and her research interests include aerobiological surveys, latex allergy, drug allergy, food allergy and clinical trials in ocular disorders, allergic rhinoconjunctivitis, asthma and hereditary angioedema.

WILLIAM LUMRY
Dr. Lumry is a board certified Internist and Allergist. His is in private practice in Dallas, Texas treating adults and children with allergic diseases and asthma. He is a Clinical Professor of Internal Medicine at the University of Texas Southwestern Medical School in Dallas and teaches at Parkland Memorial and Presbyterian Hospitals in Dallas.

He received his medical degree from the University of Texas Medical Branch at Galveston, completed his internal medicine training at the Barnes/Jewish Hospital at Washington University in St. Louis and completed his clinical and research fellowship in allergy and immunology from Scripps Clinic in La Jolla, California.

Dr. Lumry is a Fellow of the American College of Physicians and the American Academy and College of Allergy, Asthma and Immunology. He is the medical director of AARA Research Center and participates actively in clinical research projects involving new treatments for asthma and allergic diseases and hereditary angioedema. He has lectured to local, national and international conferences and published many articles and abstracts in prominent medical journals on these subjects.

Specialties: Evaluation and treatment of Allergy, Asthma, Drug, Food and Insect Allergy, Sinus Conditions, Urticaria, Angioedema. Clinical Research and Drug development in all these areas.

GRAHAM MACKAY
Senior Lecturer, Department of Pharmacology and Therapeutics, University of Melbourne

Graham studied Pharmacology at The University of Glasgow before completing his PhD in mast cell biology in Fred Pearce’s lab at University College London. He continued his interests in mast cells, Fc receptors and allergic disease with post-doctoral studies at Kings College London (Hannah Gould’s lab), The University of New Mexico (Jan Oliver’s lab) and in Melbourne (Mark Hogarth’s lab). He currently holds a teaching and research position at The University of Melbourne and is also a member of the University’s Lung Health Research Centre. His current research interests centre around understanding and controlling the unwanted mast cell activation that occurs in allergic disease and pseudo-allergic reactions.