Bond Urology Group: Faculty of Health Sciences and Medicine
Chess-Williams, Russ

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OBJECTIVES
To enhance our knowledge of the lower urinary tract with the aim of developing new treatments or enhancing current treatments of the following conditions:

- Neurogenic and idiopathic overactive bladder
- Cancers of the lower urinary tract
- Stress incontinence
- Benign prostatic hyperplasia
- Interstitial cystitis
- Erectile dysfunction

GROUP MEMBERS & INTERESTS
Prof. Russ Chess-Williams (Pharmacologist)
Drug development for overactive bladder, stress incontinence, benign prostatic hyperplasia, erectile dysfunction & bladder carcinoma

Assoc. Prof. Peter Johnson (Pharmacologist)
Actions of drugs and natural products on bladder function

Assist. Prof. Catherine McDermott (Toxicologist)
Actions of cytotoxic drugs and their metabolites on bladder function

Assist. Prof. Anna Salinas (Biochemist)
Molecular modelling of uroplakins

Assoc. Prof. Donna Sellers (Cell Biologist)
Overactive bladder, diabetes

Assoc. Prof. Lotti Tajouri (Molecular Biologist)
Molecular biology of bladder receptors and ion channels

Assist. Prof Desa Welsh (Physiologist)
Renal & upper urinary tract disease

Prof. Gordon Wright (Clinical Pathologist)
Lower urinary tract pathology particularly urothelial carcinoma

RESEARCH STUDENTS
Stefanie Farr (MSc)

Luke Grundy (PhD)

Sung (Stanley) Kang (PhD)

Kylie Mills (PhD)

Christian Moro (PhD)

Amanda Forbes (PhD)

Oladayo Folasire (PhD)

Helene Nyamwaro (PhD, UK-based),

Marina Schlueter (PhD, UK-based),

Giselle Cea (Hons), Kirsty Fuller (Hons),

Caitlin Milligan (MBBS),

Katrina Smith (BMED), Iris Lim (BMED)

PRIZES & AWARDS
- Best Student Presentation, National Symposium on Advances in GU Research - L. Grundy, 2011
- Queensland Smart Futures Scholarship - C. Moro, 2010
- Best Student Presentation, National Symposium on Advances in GU Research - C. Moro, 2010
- RCPA (Royal College of Pathologists of Australasia) Scholarship in Pathology - C. Milligan, 2009
- EAU Best Poster Prize, European Association Urology Stockholm - D. Sellers, 2009
- Best Scientific Paper published in “European Urology” (IF 8.4) - D. Sellers, R. Chess-Williams, 2007

CURRENT RESEARCH FUNDING
- Cancer Council Queensland, $180,000, Chess-Williams, McDermott, Rose’Meyer, 2012-2014, “Cytotoxic drugs & urothelial function”

COLLABORATORS
Prof. Liz Burcher (Univ. of New South Wales),

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Assoc. Prof. Kate Moore (St George’s Hospital, Sydney)

Assist. Prof. Kylie Mansfield (Univ. of Woollongong)

Dr Neil McKay, Dr Kim Lawson (Sheffield Hallam Univ., UK)

Dr Roselyn Rose’Meyer, Dr Helen Massa (Griffith Univ.)

Prof. Mark Schembri (Univ. of Queensland)

SELECTED PUBLICATIONS


