

# Meet the Experts



## ***A/Prof. Mathis Grossmann***

PhD, FRACP graduated with an MD (1st class honours) from Heidelberg University Medical School, Germany. Following residency in Munich, Germany, he spent 4 years in basic research at the National Institutes of Health, USA. He then completed a PhD at the Walter and Eliza Hall Institute in Melbourne, followed by clinical training leading to FRACP in Endocrinology.

He currently is a National Health and Medical Research Council of Australian Career Development Principal Research Fellow at the Department of Medicine, University of Melbourne (Austin Health). He is also the head of Clinical Andrology at Austin Health.

He is a clinician-scientist with expertise in both clinical and basic research. Major themes of his research focus on the roles of sex steroids in health and disease. His group conducts observational and interventional trials in men with i) prostate cancer receiving androgen deprivation therapy, ii) diabetes and low testosterone, and iii) hypogonadism, to understand how sex steroids regulate body composition, musculoskeletal health and glucose homeostasis, both at the clinical and the molecular level.

He has published more than 60 peer-reviewed articles, clustered in the international top journals in Endocrinology and Andrology, including the Asian Journal of Andrology. His current Google scholar h-index is 26, with 3,000 citations. In 2011, he was awarded the prestigious Endocrine of Australia Mid Career research award. He is regularly invited speaker at international meetings, including at ENDO (USA) annual scientific meetings and the International Congress of Endocrinology (Chicago, USA 2014).

Weblink:

<http://www.austinmedicine.unimelb.edu.au/research/mol-endo/clinical-andrology.html>

### **Relation to AJA:**

*"I had together with my co-editor, Professor Frederick Wu, University of Manchester, UK the pleasure to work with the editorial staff of the AJA to edit a special edition titled "Current Concepts in Male Androgen Disorders". The high quality of research published in the AJA has earned the AJA the reputation of being the leading Andrology journal in the Asia-Pacific region, and it is also rapidly gaining a stellar international reputation. This is important because male androgen deficiency is not only a global health issue but also of particular importance in Asia, given the ageing population and the rapidly increasing number of obese men. My institution, the University of Melbourne has recognised the importance of engaging in Asia-relevant research with increasing partnerships in Asia, including China. In this context, it is our hope that this special edition will inspire new scientific collaborations between Academic Andrology centres in the Asia-Pacific region, Australia and elsewhere. We would like to thank the editorial staff for their vision to make this special edition possible, and for the outstanding professional support that we have received by the excellent AJA staff.*



## ***Prof. Frederick CW Wu***

After obtaining an intercalated B.Sc. Hon - First Class in Medical Sciences in 1970, he qualified in Medicine from the University of Edinburgh in 1972 and gained Membership of the Royal Colleges of Physicians of the United Kingdom in 1975. He was awarded a Medical Research Council Clinical Research Fellowship with Professor D.T. Baird C.B.E., at the Department of Obstetrics and Gynaecology, University of Edinburgh 1977-

1979 during which he performed clinical and laboratory research in oestrogen in males and mechanisms of puberty development leading to the award of an MD in 1983.

After completing specialty clinical training in Edinburgh in endocrinology, diabetes and general medicine, he undertook post-doctoral research in testicular physiology at Monash University, Melbourne Australia with Professor David de Kretser O.A.. Returning to Edinburgh, he was appointed Clinical Scientist and Consultant Andrologist at the MRC Reproductive Biology Unit where he developed a research programme on hormonal male contraception and undertook seminal work in the neuroendocrine control of pubertal onset.

He was appointed Senior Lecturer in Medicine (Endocrinology), Department of Medicine, University of Manchester in 1994 and subsequently promoted to a Personal Chair as Professor of Medicine and Endocrinology in 2003.

Recently listed amongst Britain's 100 Top Doctors (Times Newspaper November 2010), he is acknowledged as an international leader in the field of Endocrinology and androgens.

The overall aim of his research is to advance the understanding of the physiological control of testicular functions with the specific clinical objectives of providing:

- i) Acceptable new reversible methods of male contraception
- ii) Improved diagnosis and management of male hypogonadism (low testosterone levels) & infertility
- iii) Better management of disordered sexual development and
- iv) Improved quality of life in ageing men.

His research encompasses the full spectrum of basic to applied clinical aspects of male reproductive functions. His most recent research focus is in the endocrinology of ageing in men. He leads the largest multi-centre (8 centre European Male Ageing Study EMAS) longitudinal population study on the health of ageing in men in the world. (<http://www.emas.man.ac.uk/main.asp>).

### **Relation to AJA:**

*The AJA is required reading for all Andrologists. It is one of the best journals in the field and can be relied on to provide the most up-to-date and authoritative information.*