



Professor Rob McLachlan

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Position

NH&MRC Principal Research Fellow
Head, Clinical Endocrinology and Metabolism, Prince Henry's Institute
Professorial Fellow, Monash University
Deputy Director, Endocrinology Unit, Southern Health
Consultant Andrologist and Acting Victorian Medical Director, Monash University IVF program

Awards

Eric Susman Prize of the Royal Australasian College of Physicians

Research areas

Male fertility and contraception, male reproductive health, testosterone physiology

Recent publications

Allan CA, McLachlan RI. Androgen Deficiency Disorders. In Endocrinology 5th Ed. Senior Eds De Groot LJ and Jameson L. Elsevier Science (in press).

Matthiesson KL, Amory JK, Berger R, Ugoni A, McLachlan RI, Bremner WJ. Novel male hormonal contraceptive combinations: the hormonal and spermatogenic effects of testosterone and levonorgestrel combined with a 5 alpha reductase inhibitor or GnRH antagonist. *J Clin Endocrinol Metab.* 2005 Jan;90(1):91-7.

McLachlan RI, Robertson DM, Pruyers E, Ugoni A, Matsumoto AM, Anawalt BD, Bremner WJ, Merigiola C. Relationship between serum gonadotropins and spermatogenic suppression in men undergoing steroidal contraceptive treatment. *J Clin Endocrinol Metab.* 2004, 89:142-9.

Raleigh D, O'Donnell L, Southwick GJ, de Kretser DM, McLachlan RI. Stereological analysis of the human testis after vasectomy indicates impairment of spermatogenic efficiency with increasing obstructive interval. *Fertil Steril* 2004, 81(6):1595-603

Turner L, Conway AJ, Jimenez M, Liu P, Forbes E, McLachlan RI, Handelsman DJ. Contraceptive efficacy of a depot progestin and androgen combination in men. *J Clin Endocrinol Metab* 2003, 88: 4659-67

Bouloux P, Nieschlag E, Burger HG, Sakkebaek NE, Wu FCW, Handelsman DJ, Baker HWG, Ochsenuk R, Syska A, McLachlan RI, Giwercman A, Conway AJ, Turner L, van Kuijk J, Voortman G. Induction of spermatogenesis by recombinant follicle-stimulating hormone (Puregon) in hypogonadotropic azoospermic men who failed to respond to human chorionic gonadotropin alone. *J Andrology* 2003 24: 604-611

Sutcliffe AG, Saunders K, McLachlan R, Taylor B, Edwards P, Grudzinkas G, Leiberman B, Thornton S. A retrospective case-control study of developmental and other outcomes in a cohort of Australian children conceived by intracytoplasmic sperm injection compared with a similar group in the United Kingdom. *Fertility Sterility.* 2003, 79:512-516

Robertson DM., Stephenson T, McLachlan R I. Characterisation of plasma inhibin forms in fertile and infertile men. *Human Reproduction* 2003, 5:1047-54