

Professor Chis Maxwell 察斯麥斯威爾 教授



Professor of Animal Reproduction 繁殖學教授
Faculty of Veterinary Science 獸醫學院
University of Sydney 雪梨大學
New South Wales, Australia 2006 澳大利亞
Phone: 02 9351 4864 電話
Fax: 02 9351 3957 傳真
Email: chism@vetsci.usyd.edu.au 電子信箱

Qualifications

BScAgr (Hons) PhD

Teaching Areas

Animal Reproduction (Vet Science 5, Agriculture 3)
Sheep Production (Vet Science 1, Agriculture 1 and 2)
Regional Animal Production (Agriculture 2)

Administration

ProDean, Faculty of Veterinary Science
Chair, Camden Management Committee, Faculty of Veterinary Science
Member, Faculty Executive Committee, Faculty of Veterinary Science
Member of the International Standing Committee of the International Congress on Animal Reproduction

Research

Applied reproduction in farm animals, specialising in semen preservation and controlled breeding

Selected Publications

Books:

1. Evans G, Maxwell WMC (1987). Salamon's Artificial Insemination of Sheep and Goats. Butterworths, Sydney. (200 pages).
2. Salamon S, Maxwell WMC (2000). Storage of semen of domestic animals. Elsevier, Amsterdam. (11 chapters, 400 pages).

Reviews:

1. Maxwell WMC, Salamon S (1993). Liquid storage of ram semen. *Reprod. Fert. Dev.*, 5, 613-38.
2. Salamon S, Maxwell WMC(1995). Frozen storage of ram semen. I. Processing, freezing, thawing and fertility after cervical insemination. *Anim. Reprod. Sci.* 37, 185-249.
3. Maxwell WMC, Salamon S(1995). Frozen storage of ram semen. II. Causes of low fertility after cervical insemination and methods of improvement. *Anim. Reprod. Sci.* 38, 1-55.
4. Maxwell WMC, Watson PF (1996). Recent progress in the preservation of ram semen. *Anim. Reprod. Sci.* 42, 55-65.(INVITED REVIEW)
5. Gillan L, Maxwell WMC (1999). The functional integrity and fate of cryopreserved ram spermatozoa in the female tract. *J. Reprod. Fertil.*, in press. (INVITED REVIEW)

Articles:

1. Maxwell WMC, Long CR, Johnson LA, Dobrinsky JR, Welch GR (1999). The relationship between membrane status and fertility of boar spermatozoa after flow cytometric sorting in the presence or absence of seminal plasma. *Reprod. Fertil. Dev.* 10, 433-440.
2. Maxwell WMC, Evans G, Mortimer ST, Gillan L, Gellatly ES, McPhie CA(1999). Normal fertility after cervical insemination with frozen-thawed spermatozoa supplemented with seminal plasma. *Reprod. Fertil. Dev.*, 11, 123-126.
3. Gillan L, Evans G, Maxwell WMC(2001). The interaction of fresh and frozen-thawed ram spermatozoa with oviductal epithelial cells in vitro. *Reprod. Fertil. Dev.*, 12, 1-8.