

4. The viroid thermodynamic theory on the origin of life. E.A. Greenhalgh, Apt. 7, 265 Regina St. N., Waterloo, Ont. N2J 3B9
5. Effects of estradiol-17 $\beta$ , testosterone, and 5 $\alpha$ -androstane-3 $\beta$ , 17 $\beta$ -diol on the accessory sex glands of the male pig in tissue culture. K. Esler, O.E. Vrablic and J.I. Raeside, Dept. of Biomedical Sciences, University of Guelph, Guelph, Ont., N1G 2W1
6. Effects of 4-chlorodiphenyl ether on surgically induced endometriosis in the mouse. J.Z. Yang and W.G. Foster, Reprod. Toxicol. Section, Rm 320, Environmental Health Centre, Health and Welfare Canada, Tunney's Pasture, Ottawa, Ont., K1A 0L2
7. Immunocytochemical analysis of spindles in fragmented human embryos. M.T. Zenzes and R. Bielecki, Division of Reproductive Science, Toronto General Hospital, University of Toronto, Toronto Ont., M5G 1L7
8. Changes in the osmolality of equine blastocyst fluid between days 11 and 25 of pregnancy. R.O. Waelchli, D. Gerber, D.H. Volkmann and K.J. Betteridge, Dept. of Biomedical Sciences, University of Guelph, Guelph, Ont., N1G 2W1
9. The influence of cytoplasmic age on the development of embryos made by nuclear transfer M.-C. Lavoie, N.D. Rumph, R. de la Fuente, F. Barnes, W.A. King and K.J. Betteridge, Dept. of Biomedical Sciences, University of Guelph, Guelph, Ont., N1G 2W1
10. Preliminary investigations of the anaerobic and oxidative metabolism of glucose by frozen-thawed bull sperm. D. Rieger, Dept. of Biomedical Sciences, University of Guelph, Guelph, Ont., N1G 2W1

Notes:

- Registration fee of \$10.00
- Oral presentations in Room 1714
- Slide submission and preview in Room 1708
- Posters displayed in Room 1707C
- Coffee in Room 1708
- Lunch available at the participants expense in the cafeteria (1707)
- Wine and cheese reception in Room 1707C

Thanks to the University Office of Research for help with the finances, and to the Office of the Registrar for loan of the poster boards.

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Catering by the University of Guelph Hospitality Services.

Organized by Don Rieger

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Southern Ontario Reproductive Biology Meeting  
OVC Lifetime Learning Centre  
University of Guelph, Guelph, Ontario  
Friday, May 10, 1996

PROGRAM

- 08:50 Welcoming address. Dr. Ann Gibbins, Chair, Department of Animal and Poultry Science, University of Guelph.
- Session I - Chaired by S.P. Leibo, Dept. of Biomedical Sciences, University of Guelph, Guelph, Ont., N1G 2W1
- 09:00 Effect of activation of macrophages on in-vitro androgen production by murine Leydig cells. K. Perschbacher and D. Pomerantz, Department of Physiology, University of Western Ontario, London, Ontario, N6A 5C1
- 09:15 The effect of nitric oxide on the production of androgen by the Leydig cell of the mouse. M. Adera and D. Pomerantz, Department of Physiology, University of Western Ontario, London, Ontario, N6A 5C1
- 09:30 The binding specificity of recombinant P70, a testis specific cognate HSP: Implications for its role in fertilization. D. Mamelak and C. Lingwood, Dept. of Clinical Biochemistry, Hospital for Sick Children, 555 University Avenue, Toronto, Ont.
- 09:45 Evaluation of canine spermatozoa pre-freeze and post-thaw. M.A. Hay, S.P. Leibo, W.A. King, C. Gartley and K.L. Goodrowe, Metro Toronto Zoo, 351 A Old Finch Avenue, Scarborough, Ont., M1B 5K7
- 10:00 Flow cytometric analysis of semen collected from men enrolled in a fertility program. W.G. Foster, A. McMahon and E.V. Younglai, Reprod. Toxicol. Section, Rm 320, Environmental Health Centre, Hlth & Welfare Can., Tunneys Pasture, Ottawa, Ont., K1A 0L2
- 10:15 Maturation affects calcium regulation of equine spermatozoa. K. Merckies and M. Buhr, Equine Research Centre, University of Guelph, Guelph, Ont., N1G 2W1
- 10:30 Coffee