

Research Abstracts and Presentations

Altered TGF- β Signaling by FLJ12604 in Ovarian Cancer Cells. P. Shathasivam, A. Motamed-Khorasani, J. Wrana, K. Brown, I. Jurisica, T. Brown. 24th Annual Research Day, Department of Physiology, Faculty of Medicine, The University of Toronto, May 4, 2007.

Androgen-Altered Gene Expression Profiles in Ovarian Epithelial Cells from BRCA1 and 2 Mutation Carriers as Compared to Cells from Control Patients. Conjoint Annual Meeting of the American Society for Reproductive Medicine and the Canadian Fertility and Andrology Society, ASRM/CFAS, Montreal, Quebec, Canada, October 2005.

Integrated Analysis of Androgen-Altered Genes in Epithelial Ovarian Cancer Using a Predicted Human Protein-Protein Interaction Network. 95th American Association of Cancer Res. annual meeting, Orlando, Florida, USA, 2004.

Comparative Expression Profiles of Androgen-Responsive Genes in Malignant/Non-Malignant Ovarian Cells. HUPO 2nd Annual World Congress, annual meeting, Montreal, Canada, 2003.

Androgen Treatment Effects in Malignant/Non-Malignant Ovarian Epithelial Cells. Annual meeting for the Dept. of Physiol. Res. Day/Frontiers in Physiology, University of Toronto, Toronto, Canada, 2002.

Progesterone and GnRH Surface Receptors in Human Spermatozoa, Motamed-Khorasani A, Lee CYG, 2000.

Effects of Progesterone and Cholesterol on Bovine *In Vitro* Fertilization. Motamed-Khorasani A, Lee CYG, 1999 Chinese Canadian Academic & Professional Society annual meeting, Vancouver, BC, Canada, 1999.

Progesterone and Cholesterol Effect on *In Vitro* Embryo Production in Dairy Cattle. Motamed-Khorasani A, Lee CYG, 32nd annual Meeting of Society of Reproduction, Washington State University, Pullman, Washington, USA, 1999.

Effects of Progesterone and Cholesterol on Capacitation and Acrosome Reaction of Bovine Sperm. Motamed-Khorasani A, Rajamahendran R, Lee CYG, 32nd annual Meeting of Society of Reproduction, Washington State University, Pullman, Washington, USA, 1999.

Pre-Treatment of Sperm with Progesterone & Cholesterol & Its Effect on *In Vitro* Embryo Production in Cattle. Motamed-Khorasani A, Rajamahendran R, Lee CYG, 25th Annual Conference of International Embryo Transfer Society; Quebec City, Canada, 1999.

Mechanism of Natural and Induced Apoptosis in Human and Mice Testis. Motamed-Khorasani A, Rajamahendran R, Lee CYG, UBC, Vancouver, BC, Canada, 1999.

Assessment of Progesterone-Induced Acrosome Reaction by Biotinylated Monoclonal Antibody Probes. Lee CYG, Motamed-Khorasani A, Dorjee S. The American Journal of Reproductive Immunology, 1998; 39:16.

Mechanism of Cholesterol Inhibition on Progesterone-Induced Acrosome Reaction of Human Sperm. Motamed-Khorasani A, Lee CYG, 16th World Congress on Fertility & Sterility, San Francisco, California, USA, 1998.

Developmental Competence of Bovine Oocytes Matured *In Vitro* in Various Environments. Motamed-Khorasani A, Rajamahendran R, Lee CYG, 78th Canadian Society of Animal Sci. Annual Conf. (CSAS), University of BC, Vancouver, BC, Canada, 1998.

Assessment of Progesterone-Induced Acrosome Reaction by Biotinylated Monoclonal Antibody Probes. Motamed-Khorasani A, Lee CYG, 78th Canadian Society of Animal Sci. Annual Conf. (CSAS), University of BC, Vancouver, BC, Canada, 1998.

New Advances in Sexing Sperm, Motamed-Khorasani A, UBC, Vancouver, BC, Canada, 1997.

Peer Reviewed Papers

Differentially Androgen-Modulated Genes in Ovarian Epithelial Cells from BRCA1 Mutation Carriers and Control Patients Predict Ovarian Cancer Survival and Disease Progression. Motamed-Khorasani A, Jurisica I, Letarte M, Shaw PA, Parkes RK, Zhang X, Evangelou A, Rosen B, Murphy KJ, Brown TJ. *Oncogene*. 2007 Jan 11;26(2):198-214. Epub 2006 Jul 10.

(http://www.ncbi.nlm.nih.gov/pubmed/16832351?ordinalpos=9&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

Cholesterol inhibitory effects on human sperm-induced acrosome reaction. Motamed-Khorasani A, Lee CYG, Cheung AP. *Journal of Andrology*, July/Aug 21(4):586-94.

(http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Motamed-Khorasani%20A%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlusDrugs1)

Assessment of Progesterone-Induced Acrosome Reaction by Biotinylated Monoclonal Antibody Probes. Lee CYG, Motamed-Khorasani A, Dorjee S. *The American Journal of Reproductive Immunology*, 1998; Mar;39(3):164-71.

(http://www.ncbi.nlm.nih.gov/pubmed/9526605?ordinalpos=17&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

Invited Revisions/Acknowledgements

Application of Real-Time PCR for Quantitative Detection of *Campylobacter Jejuni* Poultry, Milk, and Environmental Water. C. Yang, Y. Jiang, K. Huang, C. Zhu, Y. Yin. *FEMS Immunology and Medical Microbiology* 2003 Oct 15;38(3):265-71.

(http://www.ncbi.nlm.nih.gov/pubmed/16487299?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)