Publications in Refereed Journals

Bordignon, V.


Chenier, M.R.


Cue, R.


Duggavathi, R.


Hayes, J.F.


Kimmins, S.


Lambrot R, Lafleur C, Rosenfeld MG, Kimmins S. The histone H3 demethylase, KDM1 (lysine-specific demethylase 1) is essential for meiotic progression and the survival of spermatogonial stem cells. SSR’s 46th Annual Meeting, Montréal, Canada, July 22-26th 2013.

Lacasse, P.


Monardes, H.


Mustafa, A.


Zadworny, D.

Vilceu Bordignon, Nayla El-Beirouthi, Bernardo G. Gasperin, Marcelo S. Albornoz, Carine Schneider, Denyse Laurin, David Zadworny and Luis B. Agellon (2013). Production of Cloned Pigs with Targeted Attenuation of Gene Expression PLOS One

Zhao, X.


Publications Presented to Scholarly Conferences  
(AbSTRACTS and Proceedings)

Bordignon, V.


**Bordignon V.** Somatic cell nuclear transfer and applications. Urology Research Seminar, McGill University, Division of Urology, Montreal General Hospital. Montreal, QC, October 29, 2013.

**Bordignon V.** Assisted reproductive technologies in small ruminants - Mini Course. Graduate program. Faculty of Veterinary Medicine, Ceara State University, Fortaleza, CE, Brazil. December 9-13, 2013.
Chénier, M.R.


Cue, R.


Sewalem, A, R. Cue, K. Wade, H. Delgado, R. Lacroix, D. Lefebvre, J. Dubuc, E. Bouchard Genetic Parameters for Body Condition Score and Body Weight in Canadian Holsteins. ADSA July 8-12, 2013, Indianapolis, Indiana

Duggavathi, R.

Siddappa D, Beaulieu E, Gévry N, Roux PP and Duggavathi R. Transient Inhibition of Mitogen-Activated Protein Kinase activity in Preovulatory Follicles Abolishes the Ovulatory Response to Gonadotropins in Mice. 46th Annual Meeting of the Society for the Study of Reproduction, July 2013, Montreal, Quebec.

Bertolin K, Suzuki S, Fenelon J, Ruiz S, Duggavathi R, Gossen J and Murphy BD. Depletion of Nr5a2 in Granulosa Cells of Preantral or Antral Follicles Disrupts Ovulatory-Related Genes without Compromising Oocyte Fertilizability. 46th Annual Meeting of the Society for the Study of Reproduction, July 2013, Montreal, Quebec. (received Third Prize in platform presentation)

Boyer A, Siddappa D, Paquet M, Duggavathi R and Boerboom D. Targeted deletion of mTOR in the testis leads to seminiferous tubule degeneration and progressive loss of fertility in male mice. 46th Annual Meeting of the Society for the Study of Reproduction, July 2013, Montreal, Quebec.

Rovani MT, Gasperin BG, Ferreira R, Bohrer R, Bordignon V, Duggavathi R and Gonçalves PB. Regulation of estradiol receptors and effect of estradiol signaling blockade on granulosa cell gene expression during follicle deviation in cattle. 46th Annual Meeting of the Society for the Study of Reproduction, July 2013, Montreal, Quebec. (received Regional Best Abstract representing Latin America and USDA NIFA AFRI Travel Fellowship)

Bohrer RC, Mezzalira JC, Ohlweiler LU, Dicks N, Duggavathi R and Bordignon V. Inhibition of histone deacetylases enhances DNA damage repair in SCNT embryos. 46th Annual Meeting of the Society for the Study of Reproduction, July 2013, Montreal, Quebec.

Kimmins, S.


Lambrot R, Lafleur C, Rosenfeld MG, Kimmins S. The histone H3 demethylase, KDM1 (lysine-specific demethylase 1) is essential for meiotic progression and the survival of spermatogonial stem cells. XXII North American Testis Workshop, San Antonio, USA, April 10-13th 2013.

The paternal sperm epigenome is essential for embryo development and long-term health. American Testis Workshop, San Antonio Texas, USA April 2013.

Environmental exposures and their effects on reproductive health. Best Brains Exchange, Integrating Epigenetic Effects of Food and Environmental Contaminants into Risk Assessments, Canadian Institute of Health Research, Ottawa, Canada March 19, 2013

The sperm epigenome and transgenerational disease transmission. Department of Urology, Faculty of Medicine, McGill University, Montreal. Jan. 2013.

Lacasse P.

Ster C., F. Malouin, P. Lacasse and B. G. Talbot. 2013. Targeting the innate response in the search for a bovine Staphylococcus aureus vaccine. Spring meeting of the Canadian Society of Immunology, April 5 – 8, 2013, Whistler, BC


Effet de la régie de traite en début de lactation sur les perturbations métaboliques et la résistance immunitaire. Presentation to dairy farmers from Victoriaville area, January 29th 2013.
Monardes, H.


Monardes, H., 2013. Macdonald involvement in international dairy activities. Special presentation for Mr. Lino Saputo’s official visit to Macdonald Campus. October 17.


Mustafa, A.


Wade, K.


Haine, Denis, Jérôme Carrier, Roger Cue, Asheber Sewalem, Kevin Wade, Julie ArsenaULT, Émile Bouchard, and Jocelyn Dubuc. 2013. Impact of disease on individual culling risk and herd culling rate in dairy cattle. The American Association of Bovine Practitioners (DATE). Milwaukee, WI, USA.


Zhao, X.

