

FEMALE REPRODUCTIVE TRACT

Developmental Toxicant Exposure Is Associated with Transgenerational Adenomyosis in a Murine Model

[Kevin G. Osteen](#); [Hugh S. Taylor](#); [Antoni J. Duleba](#); [Kaylon L. Bruner-Tran](#)

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Niclosamide As a Potential Nonsteroidal Therapy for Endometriosis That Preserves Reproductive Function in an Experimental Mouse Model

[Kanako Hayashi](#); [Marilène Paquet](#); [Daniel K. Boadu](#); [Mingxin Shi](#); [James A. MacLean, II](#) ...

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Curcumin Suppresses Proliferation and Migration and Induces Apoptosis on Human Placental Choriocarcinoma Cells via ERK1/2 and SAPK/JNK MAPK Signaling Pathways

[Gwonhwa Song](#); [Whasun Lim](#); [Muhah Jeong](#); [Fuller W. Bazer](#)

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Chemokine (C-C Motif) Ligand 28 and Its Receptor *CCR10*: Expression and Function at the Maternal-Conceptus Interface in Pigs

[Yohan Choi](#); [Heewon Seo](#); [Jisoo Han](#); [Inkyu Yoo](#); [Jinyoung Kim](#) ...

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Sexually Dimorphic Gene Expression in Bovine Conceptuses at the Initiation of Implantation

[Niamh Forde](#); [Veronica Maillo](#); [Peadar O'Gaora](#); [Constantine A. Simintiras](#); [Roger G. Sturme](#)y ...

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OVARY

The Novel Pig In Vitro Maturation System to Improve Developmental Competence of Oocytes Derived from Atretic Nonvascularized Follicles

[Asako Okamoto](#); [Maki Ikeda](#); [Aeri Kaneko](#); [Chika Kishida](#); [Masayuki Shimada](#) ...

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TOXICOLOGY

Estrogenic Compounds Impair Primordial Follicle Formation by Inhibiting the Expression of Proapoptotic *Hrk* in Neonatal Rat Ovary

[Haolin Zhang](#); [Kentaro Nagaoka](#); [Kento Usuda](#); [Kaori Nozawa](#); [Kazuyoshi Taya](#) ...

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Chronic Acrylamide Exposure in Male Mice Results in Elevated DNA Damage in the Germline and Heritable Induction of CYP2E1 in the Testes

[Aimee L. Katen](#); [Caitlin G. Chambers](#); [Brett Nixon](#); [Shaun D. Roman](#)

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BEHAVIOR

Depression-Like Behavior in a Dehydroepiandrosterone-Induced Mouse Model of Polycystic Ovary Syndrome

[Jihong Kang](#); [Qiyang Shen](#); [Xi Song](#); [Huamin Wang](#); [Shuxian Hao](#) ...

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TESTIS

Characterizing the Spermatogonial Response
to Retinoic Acid During the Onset of
Spermatogenesis and Following
Synchronization in the Neonatal Mouse Testis

[Kellie S. Agrimson](#); [Hélio Chiarini-Garcia](#); [Traci B. Topping](#); [Debra Mitchell](#); [Jennifer Onken](#) ...

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PREGNANCY

Luteolin Inhibits Proliferation and Induces
Apoptosis of Human Placental
Choriocarcinoma Cells by Blocking the
PI3K/AKT Pathway and Regulating Sterol
Regulatory Element Binding Protein Activity

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Analysis of the Uterine Epithelial and
Conceptus Transcriptome and Luminal Fluid
Proteome During the Peri-Implantation Period
of Pregnancy in Sheep

[Kelsey Brooks](#); [Gregory W. Burns](#); [Joao G.N. Moraes](#); [Thomas E. Spencer](#)

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REPRODUCTIVE TECHNOLOGY

Multispecies Purification of Testicular Germ
Cells

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Complete Human and Rat Ex Vivo
Spermatogenesis from Fresh or Frozen
Testicular Tissue

[Sandrine Giscard d'Estaing](#); [Ingrid Plotton](#); [Nicolas Morel-Journel](#); [Hervé Lejeune](#); [Laurent David](#) ...

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MECHANISMS OF HORMONE ACTION

High Estradiol Concentrations Induce Heat
Shock Protein 70 Expression and Suppress
Nuclear Factor Kappa B Activation in Human
Endometrial Epithelial Cells

[Chin-Der Chen](#); [Shee-Uan Chen](#); [Chia-Hung Chou](#); [Mei-Jou Chen](#); [Wen-Fen Wen](#) ...

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GAMETE BIOLOGY

Dynamics of Bovine Sperm Interaction with
Epithelium Differ Between Oviductal Isthmus
and Ampulla

[Florencia Ardon](#); [Ross D. Markello](#); [Lian Hu](#); [Zarah I. Deutsch](#); [Chih-Kuan Tung](#) ...

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MALE REPRODUCTIVE TRACT

Formation and Dissociation of Sperm Bundles
in Monotremes

Brett Nixon; Heath Ecroyd; Jean-Louis
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