

Special Issue

Hormonal Regulation in Germ Cell Development

Message from the Guest Editor

In mammalian reproduction, pubertal maturation and gamete production, various hormones are secreted from the anterior pituitary gland, such as the follicle-stimulating hormone (FSH) and luteinizing hormone (LH), prolactin, growth hormone (GH), adrenocorticotrophic hormone (ACTH) and thyroid-stimulating hormone (TSH). A series of events are involved in regulatory control. These processes involve differential gene expression and cell-cell interactions that are regulated by key endocrine stimuli, thereby affecting the proliferation, maturation and function of Sertoli cells, which produce regulatory signals and nutrients to maintain developing germ cells. This Special Issue in *Current Issues in Molecular Biology*, entitled "Hormonal Regulation in Germ Cell Development", aims to elucidate the molecular mechanisms involved in the regulation of these hormones in germ cell development and welcomes submissions of reviews, opinions, research articles and so on.

Guest Editor

Prof. Dr. Kwan Sik Min

Department of Animal Resource Science, Hankyong National University, 327 Chungang-ro, Anseong-si 17579, Gyeonggi-do, Republic of Korea

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cimb@mdpi.com

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Editor-in-Chief

Prof. Dr. Madhav Bhatia

Department of Pathology and Biomedical Science, University of Otago,
Christchurch, 2 Riccarton Avenue, P.O. Box 4345, Christchurch 8140,
New Zealand

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