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Key Words Proacrosin, Sperminogen, Spermatozoa, Progesterone Receptor

Research Area Male Reproduction

Education

• 1988	PhD	Dept. of Physiology and Biophysics, Univ. of Illinois at Urbana-Champaign, USA
• 1984	MSc	Dept. of Physiology and Biophysics, Univ. of Illinois at Urbana-Champaign, USA
1982	MSc	Dept. of Zoology, Seoul National Univ
• 1980	BSc	Dept. of Zoology, Seoul National Univ.

Experience

• 1993	Professor, Dept. of Biological Science, Sungkyunkwan Univ.
• 1992 - 1993	Research Associate, Dept. of Genetics, Washington Univ. School of Medicine, St. Louis, USA
• 1988 - 1992	Research Associate, Dept. of Ob/Gyn, Washington Univ. School of Medicine, St. Louis, USA

Position

• 2011-2013	Chair, Dept. of Biological Science, Sungkyunkwan Univ

Selected Publication

- Proteomic analysis of boar spermatozoa and quantity changes of superoxide dismutase 1, glutathione peroxidase, and peroxiredoxin 5 during epididymal maturation, Animal Reproduction Science, 2012, 135, 53-61
- Antiangiogenic Therapy with Human Apolipoprotein(a) Kringle V and Paclitaxel in a Human Ovarian Cancer Mouse Model, Translational Oncology, 2014, 7, 368-376
- Identification of a 71KDa protein as a putative non-genomic membrane progesterone receptor in boar spermatozoa, J. Androl., 2005, 184, 417-425
- Characterization of CD45(-)/CD31(+)/CD105(+) Circulating Cells in the Peripheral Blood of Patients with Gynecologic Malignancies, Clinical Cancer Res., 2013, 19, 534(-5350
- Molecular characterization of the 32kDa boar sperm protease, Mol. Repro. And Dev. 2004, 68, 354-358

Others