

CV: Prof. Dr. Katarina Jewgenow

Name Katarina Jewgenow

Born Berlin, 4.11.1957

Affiliation Leibniz Institute for Zoo and Wildlife Research Faculty of Agriculture and Horticulture
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Position Head research group Reproduction biology, deputy director IZW

Scientific vita Since 2009 Apl Professor
Since 2000 Deputy director IZW
Since 1996 Head Research Group Reproduction Biology IZW
Since 1992 Senior scientist IZW
1989 PhD

Fields of interest Reproduction biology, cryopreservation of genetic resources (genome banking), gametogenesis in mammals, wildlife endocrinology, non-invasive monitoring of hormones, contraception of wildlife and feral animals

Member Society for Study of Reproduction; German Society for Reproduction Medicine, Leibniz-Sozietät der Wissenschaften zu Berlin

Scientific advisory boards and committees EAZA Research Committee, European Association of Zoos and Aquaria (EAZA)
Competence Centre Reproduction Biology (Repro-Tier), Germany
European Group on Zoo Animal Contraception (EGZAC), EAZA

Publications:

>130 peer reviewed publications, h-index 22, 6 book chapters, approx. 50 Abstracts of presentations on national and international scientific congresses for the last 5 years

Selected publications, related to the project

1. Braun BC, Jewgenow K (online): Expression of steroidogenic enzymes and steroid receptors in foetal gonads of domestic cat – sex similarities and differences. *Reprod Dom Anim*, doi: 10.1111/rda.12829
2. Wiedemann C, Zahmel J, Jewgenow K (2013): Short-term culture of ovarian cortex pieces to assess the cryopreservation outcome in wild felids for genome conservation. *BMC Vet Med* 9:37. doi: 10.1186/1746-6148-9-37.
3. Wongbandue G, Jewgenow K, Chatdarong K (2013): Effects of thyroxin (T4) and activin A on in vitro growth of cat preantral follicles. *Theriogenology* 79, 824 - 32. doi: 10.1016/j.theriogenology.2012.12.008.
4. Jewgenow K, Wiedemann C, Bertelsen MF, Ringleb J (2011). Cryopreservation of mammalian ovaries and oocytes. *International Zoo Yearbook* 45, 124–132. doi:10.1111/j.1748-1090.2010.00124.x
5. Jewgenow, K., Paris M. (2006) Preservation of female germ cells from ovaries of cat species. *Theriogenology* 66, 93-100.
6. Jewgenow, K., Fickel, J.(1999): Sequential expression of zona pellucida proteins during the oogenesis of domestic cats. *Biol. Reprod.* 50/2, 522-526.
7. Jewgenow, K. (1998): Role of media, protein and energy supplements on maintenance of morphology and Dna-synthesis of small preantral domestic cat follicles during short- term culture. *Theriogenology* 49/8, 1567-1577.
8. Jewgenow, K., Penfold, K.L., Meyer, H.H.D., Wildt D.E. (1998): Viability of small preantral ovarian follicles from domestic cats after cryoprotectant exposure and cryopreservation. *J. Reprod. Fertil.* 112, 39-47.
9. Jewgenow, K. (1996): Impact of peptide growth factors on the culture of small preantral follicles of domestic cats. *Theriogenology* 45/4:889-895.
10. Jewgenow, K., Pitra C. (1993): Hormone-controlled culture of secondary follicles of domestic cats. *Theriogenology* 39, 527-535.