

Curriculum vitae

Name: Juraj **Koppel**, D.V.M., Ph.D. D.Sc. prof.

Date and Place of Birth: 7. 9. 1954, Kosice, Czechoslovakia

Present Address: J. Bellu 4, 040 00 Kosice, Slovakia

Nationality: Slovak

Education and Titles: University of Veterinary Medicine, Kosice – D.V.M. degree in 1978
In 1982 received Ph.D. degree in Physiology. Thesis title: Some aspects of metabolic and functional effects of insulin during ontogenesis
In 1995 received D.Sc. degree in Physiology. Thesis title: Growth, development and metabolism: Integration of regulation mechanisms
In 2006 received title Associate Professor at the University of Veterinary Medicine, Kosice
In 2014 received title Professor at the University of Veterinary Medicine and Pharmacy, Kosice

Specialization: Developmental biology and physiology

Appointments: *Institute of Animal Physiology, Centre of Biosciences, Slovak Academy of Sciences, Soltesovej 4-6, 040 00 Kosice, Slovakia:*
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1978 - 1981 Research Fellow

1982 - 1984 Junior Research Scientist

1985 - 1987 Research Scientist

1988 - 1989 Postdoctoral Fellow, INSERM U 153, Paris, France.

1990 - 2009 Head of the Institute

2009 – present Senior Research Scientist

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2009 – 2013 Deputy of Vice president

2013 – 2015 Deputy of Scientific Secretary

2015 – 2017 Vice President for Budget

2017 – present Vice President for Budget and Legislation

Research Output: <http://orcid.org/0000-0002-7922-0369>
Published university textbooks 2, chapter in monograph 2
total number of research publications (WoS) 100
international patent – 1
total number of citations (WoS) 1 437
h-index (WoS) 22

List of recent publications

1. BABELOVA, Janka - SEFCIKOVA, Zuzana - CIKOS, Stefan - SPIRKOVA, Alexandra - KOVARIKOVA, Veronika - KOPPEL, Juraj - MAKAREVICH, A.V. - CHRENEK, P. - FABIAN, Dusan. Exposure to neonicotinoid insecticides induces embryotoxicity in mice and rabbits. In *Toxicology*, 2017, vol. 392, p. 71-80.
2. JANSTOVA, Zofia – BURKUS, Jan, - KUBANDOVA, Janka – FABIAN, Dusan – KOPPEL, Juraj – CIKOS, Stefan. The effect of maternal stress on blastocyst quality depends on maternal physiological status. In *General Physiology and Biophysics*, 2017, vol. 36, p. 53-63.
3. KACMAROVA, Martina - CIKOS, Stefan - BABELOVA, Janka - SEFCIKOVA, Zuzana - SPIRKOVA, Alexandra - KOPPEL, Juraj - FABIAN, Dusan. The responses of mouse preimplantation embryos to leptin in vitro in a transgenerational model for obesity. In *Frontiers in endocrinology*, 2017, vol. 8, art. no. 233.
4. JUHAS, Stefan - HARRIS, Nicholas - ILKOVA, Gabriela - REHAK, Pavol - ZSILA, Ferenc - KOGAN, F.Y. - LAHMY, O. - ZHUK, R. - GREGOR, Paul - KOPPEL, Juraj. RX-207, a small molecule inhibitor of protein interaction with glycosaminoglycans (SMIGs), reduces experimentally induced inflammation and increases survival rate in cecal ligation and puncture (CLP)-induced sepsis. In *Inflammation*, 2018, vol. 41, no. 1, p. 307-314.
5. SEFCIKOVA, Zuzana - BABELOVA, Janka - CIKOS, Stefan - KOVARIKOVA, Veronika - BURKUS, Jan - SPIRKOVA, Alexandra - KOPPEL, Juraj - FABIAN, Dusan. Fipronil causes toxicity in mouse preimplantation embryos. In *Toxicology*, 2018, vol. 410, p. 214-221.
6. BABELOVA, Janka - SEFCIKOVA, Zuzana - CIKOS, Stefan - KOVARIKOVA, Veronika - SPIRKOVA, Alexandra - PISKO, Jozef - KOPPEL, Juraj - FABIAN, Dusan. In vitro exposure to pyrethroid-based products disrupts development of mouse preimplantation embryos. In *Toxicology in vitro: the official journal of the European Society for Toxicology in Vitro*, 2019, vol. 57, p. 184 -193.
7. CIKOS, Stefan - BABELOVA, Janka - SPIRKOVA, Alexandra - BURKUS, Jan - KOVARIKOVA, Veronika - SEFCIKOVA, Zuzana - FABIAN, Dusan - KOPPEL, Juraj. Glucocorticoid receptor isoforms and effects of glucocorticoids in ovulated mouse oocytes and preimplantation embryos. In *Biology of Reproduction*, 2019, vol. 100, no. 2, p. 351-364.
8. BURKUS, Jan - NAVARRETE-SANTOS, A - SCHINDLER, M. - BABELOVA, Janka - JUNG, JS - SPIRKOVA, Alexandra - KSINANNOVA, Martina - KOVARIKOVA, Veronika - FISCHER, B. - KOPPEL, Juraj - FABIAN, Dusan - CIKOS, Stefan. Adiponectin stimulates glucose uptake in mouse blastocysts and embryonic carcinoma cells. In *Reproduction*, 2020, vol. 159, no. 3, p. 227-239.