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# Curriculum vitae

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## PERSONAL DETAILS

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Full name: Mgr. Daniel Čížmár, PhD.  
Nationality: slovak  
Address: Ružová 178, Moravský Svätý Ján 908 71,  
Slovakia  
Mob: +421 915 101 436  
E-mail: d.cizmar@gmail.com  
Date of birth: 24. 05. 1988



## EDUCATION

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2012 – 2017 Slovak Academy of Sciences, Institute of Zoology, Department of molecular physiology, Dúbravská cesta 9, 845 06 Bratislava, PhD. programme: Molecular biology  
Dissertation thesis: Neuroendocrine regulation of reproductive organs in silkworm *Bombyx mori*.

2010 – 2012 Comenius University in Bratislava, Faculty of Natural Sciences, Mlynská dolina, 842 15 Bratislava, Mgr. programme: Genetics  
Diploma thesis: Analysis of the function of Myb domains in the binding of Tay1 protein to *Yarrowia lipolytica* telomeres.

2007 – 2010 Comenius University in Bratislava, Faculty of Natural Sciences, Mlynská dolina, 842 15 Bratislava, Bc. programme: Biology

2003 – 2007 Private Veterinary high school, Bullova 2, 844 20 Bratislava 4

## WORK EXPERIENCE

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2018 – present **Embryologist**  
GENNET s.r.o. , Na Poříčí 26, 110 00 Prague 1, Czech republic

- examination and cryopreservation of sperm samples (sperm selection methods MACS, MFSS)
- processing of samples from Testicular sperm extraction (TESE)
- preparation of sperm samples to IVF and intrauterine insemination
- oocyte collection, denudation, evaluation
- fertilisation of oocytes ICSI, PICSI, IVF
- cultivation and evaluation of embryos
- embryotransfer/cryoembryotransfer
- cryopreservation of embryos (vitrification)

- trophoectoderm biopsy (PGT)
- 2016 – 2018      **Andrology technician / Embryologist**
- ISCARE, a.s., Clinic of reproductive medicine, gynaecology and urology,  
Apollo Business center II, Prievozská 4/A, 82109 Bratislava, Slovakia
- examination and cryopreservation of sperm samples
  - processing of samples from Testicular sperm extraction (TESE)
  - preparation of sperm samples to IVF and intrauterine insemination
  - oocyte collection, denudation, evaluation
  - fertilisation of oocytes ICSI, IVF
  - cultivation and evaluation of embryos
  - embryo transfer/cryoembryo transfer
  - cryopreservation of embryos (vitrification)

## COURSES AND TRAININGS:

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- 2019      Accredited Qualification Course: Laboratory methods in Embryology,  
The Institute for Postgraduate Medical Education, Prague, Czech republic
- 2017      ESHRE campus - From gametes to blastocyst - a continuous dialogue, Edinburgh,  
Great Britain
- 2015      Excel – From beginner to advanced – Leitus spol. s.r.o , Bratislava

## PUBLICATIONS

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- Čížmár, D., Roller, L., Pillerová, M., Sláma, K., & Žitňan, D. (2019). Multiple neuropeptides produced by sex-specific neurons control activity of the male accessory glands and gonoducts in the silkworm *Bombyx mori*. *Scientific reports*, 9(1), 2253.
- Roller, L., Čížmár, D., Gáliková, Z., Bednár, B., Daubnerová, I., Žitňan, D. (2016). Molecular cloning, expression and identification of the promoter regulatory region for the neuropeptide trissin in the nervous system of the silkworm *Bombyx mori*. *Cell Tissue Res.*, 1-14.
- Roller, L., Čížmár, D., Bednár, B., Žitňan, D. (2016). Expression of RYamide in the nervous and endocrine system of *Bombyx mori*. *Peptides*, 80, 72-79.

## SKILLS

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Language skills : English – upper-intermediate (B2)

Computer skills: MS Word, MS Power Point, MS Excel, Adobe Photoshop, Vector NTI,

Driving licence: class B

Interests: biology (evolution, ornitology, conservation, ecology), history, hiking, running, literature, movies, travelling

## REFEREES

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- **Ing. Leona Urbánková**

Head of IVF laboratory GENNET, s.r.o  
Na Poříčí 26, 110 00 Praha 1, Czech republic  
Email: leona.urbankova@gennet.cz

- **Mgr. Ana Ivanová**

Head of IVF laboratory ISCARE, a.s.  
Reproduction clinic, Gyneacology, Urology,  
Apollo Business Center II, blok B, 4th floor,  
Prievozská 4/A, 821 09 Bratislava, Slovakia  
Email: ana.ivanova@iscare.sk

- **Ing. Ladislav Roller, PhD.**

Senior researcher Institute of Zoology SAS,  
Dubravska cesta 9, 84506 Bratislava, Slovakia  
Email: Ladislav.Roller@savba.sk