

## Curriculum vitae

Lucia Krajčík Lauková, MSc. PhD

### Personal Data

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**Date of birth** 31-03-1990, Partizánske, Slovakia

**Contact** Danube University Krems  
Dr. Karl-Dorrek-Strasse 30  
3500 Krems  
Phone: +43 (0)2732 893-2635  
E-Mail: lucia.krajcik-laukova@donau-uni.ac.at

### Current Positions, Employment, and Faculty Appointments

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<b>since October 2018</b>	<b>Postdoc</b> Center for Biomedical Technology Department for Biomedical Research Danube University Krems, Krems, Austria
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### Education

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<b>2009 - 2012</b>	<b>Bc. in Biology</b> Department of Genetics, Faculty of Natural Sciences, Comenius University in Bratislava, Slovakia
<b>2012 - 2014</b>	<b>MSc. in Genetics</b> Department of Genetics, Faculty of Natural Sciences, Comenius University in Bratislava, Slovakia
<b>2014 - 2018</b>	<b>PhD in Normal and Pathological Physiology</b> Institute of Molecular Biomedicine, Faculty of Medicine, Comenius University in Bratislava, Slovakia

### Academic and Professional Career

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<b>2014 - 2018</b>	<b>Researcher</b> Institute of Molecular Biomedicine, Faculty of Medicine, Comenius University in Bratislava, Slovakia
<b>since October 2018</b>	<b>Postdoc</b> Center for Biomedical Technology, Department for Biomedical Research, Danube University Krems, Krems, Austria

### Research Interests

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- Extracellular DNA
- NETosis as a way of releasing of extracellular DNA
- Extracellular vesicles (characterization and functional studies in inflammation and coagulation)

- Pathophysiology of sepsis
- Changes of glycosylation patten in infection

### Funding and Academic Awards

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- 1st place in the Falling Walls Lab Slovakia (2018)
- 1st place in the Biomolecular section of the XIII. scientific PhD conference of the Medical faculty of Comenius University in Bratislava (2018)
- National Scholarship Programme of Slovak Republic (2017)
- Tatra Bank Foundation Grant (2016)
- 3x Grant of Comenius University (2015/2016, 2016/2017 and 2017/2018)

### Peer-Reviewed Articles

**Lauková L.**, Bertolo E.M.J., Zelinková M., Borbélyová V., Čonka J., Kovalčíková A.G., Domonkos E., Vlková B., Celec P. Early dynamics of plasma DNA in a mouse model of sepsis. *Shock* 2018, Epub ahead of print. doi: 10.1097/SHK.0000000000001215.

**Lauková L.**, Konečná B., Vlková B., Mlynáriková V., Celec P., Šteňová E. Anti-cytokine therapy and plasma DNA in patients with rheumatoid arthritis. *Rheumatology International* 2018, 38:1449-1454. doi: 10.1007/s00296-018-4055-8.

**Lauková L.**, Konečná B. NETosis – Dr. Jekyll and Mr. Hyde in inflammation. *J. Appl. Biomed.* 2018, 16:1–9. doi:10.1016/j.jab.2017.10.002.

Celec P., Vlková B., **Lauková L.**, Bábíčková J., Boor P. Cell-free DNA: the role in pathophysiology and as a biomarker in kidney diseases. *Expert Rev. Mol. Med.* 2018, 20: e1. doi:10.1017/erm.2017.12.

Konečná B., **Lauková L.**, Vlková B. Immune activation by nucleic acids: A role in pregnancy complications. *Scand. J. Immunol.* 2018, 87:e12651. doi:10.1111/sji.12651.

**Lauková L.**, Konečná B., Bábíčková J., Wagnerová A., Melišková V., Vlková B., Celec P. Exogenous deoxyribonuclease has a protective effect in a mouse model of sepsis. *Biomed. Pharmacother.* 2017, 93:8–16. doi:10.1016/j.biopha.2017.06.009.

Čonka J., Konečná B., **Lauková L.**, Vlková B., Celec P. Fetal DNA does not induce preeclampsia-like symptoms when delivered in late pregnancy in the mouse. *Placenta* 2017, 52:100–105. doi:10.1016/j.placenta.2017.02.008.

Vokálová L., **Lauková L.**, Čonka J., Melišková V., Borbélyová V., Bábíčková J., Tóthová L., Hodosy J., Vlková B., Celec P. Deoxyribonuclease partially ameliorates thioacetamide-induced hepatorenal injury. *Am. J. Physiol. Gastrointest. Liver Physiol.* 2017, 312:G457–G463. doi:10.1152/ajpgi.00446.2016.