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Personal Info:

Date of birth: 29.9.1988; Place of birth: Bratislava, Slovak republic; Nationality: Slovak; Foreign Languages: English, German

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Professional curriculum vitae:

Education

- 2008-2013 MSc, Biomedical Physics, Faculty of Mathematics, Physics and Informatics, Comenius University, Bratislava, Slovakia (Bachelor thesis: Paraoxonase and the effect of administering fenofibrates on its level)
- 2008-2013 MSc, Biomedical Physics, Faculty of Mathematics, Physics and Informatics, Comenius University, Bratislava, Slovakia (Diploma thesis: Prevention of Oxidative Modification of Proteins by Oils Containing Polyunsaturated Higher Carboxylic Acids)
- 2013-2017 PhD, Normal and Pathological physiology, Institute of Pathophysiology, Faculty of Medicine, Comenius University, Bratislava, Slovakia (Dissertation thesis: Immune activation of nucleic acids: A role in pregnancy complications)

Employment

- 2017- scientist, Institute of Molecular Biomedicine, Faculty of Medicine, Comenius University, Bratislava, Slovakia

Publication record

SCI citations (without self-citations): 34, h-index: 4

1. Urea and creatinine levels in saliva of patients with and without periodontitis.
Gaál Kovalčíková A, Pančíková A, Konečná B, Klamárová T, Novák B, Kovaľová E, Podracká Ľ, Celec P, Tóthová Ľ.
Eur J Oral Sci. 2019 Jun 27. doi: 10.1111/eos.12642. [Epub ahead of print]
2. Exosomes-Associated DNA-New Marker in Pregnancy Complications?
Konečná B, Tóthová Ľ, Repiská G.
Int J Mol Sci. 2019 Jun 13;20(12). pii: E2890. doi: 10.3390/ijms20122890. Review.
3. Extracellular DNA as a Prognostic and Therapeutic Target in Mouse Colitis under DNase I Treatment.
Bábíčková J, Čonka J, Janovičová L, Boriš M, Konečná B, Gardlík R.
Folia Biol (Praha). 2018;64(1):10-15.

4. Anti-cytokine therapy and plasma DNA in patients with rheumatoid arthritis.
Lauková L, Konečná B, Vlková B, Mlynáriková V, Celec P, Šteňová E.
Rheumatol Int. 2018 Aug;38(8):1449-1454. doi: 10.1007/s00296-018-4055-8. Epub 2018 May 23.
5. Immune activation by nucleic acids: A role in pregnancy complications.
Konečná B, Lauková L, Vlková B.
Scand J Immunol. 2018 Apr;87(4):e12651. doi: 10.1111/sji.12651. Review.
6. Is the DNA of placental origin packaged in exosomes isolated from plasma and serum of pregnant women?
Repiská G, Konečná B, Shelke GV, Lässer C, Vlková B, Minárik G.
Clin Chem Lab Med. 2018 May 24;56(6):e150-e153. doi: 10.1515/cclm-2017-0560.
7. Exogenous deoxyribonuclease has a protective effect in a mouse model of sepsis.
Lauková L, Konečná B, Bábíčková J, Wagnerová A, Melišková V, Vlková B, Celec P.
Biomed Pharmacother. 2017 Sep;93:8-16. doi: 10.1016/j.biopha.2017.06.009. Epub 2017 Jun 13.
8. Deoxyribonuclease activity in plasma of pregnant women and experimental animals.
Konečná B, Sysák R, Kacerovský M, Celec P, Vlková B.
J Matern Fetal Neonatal Med. 2018 Jul;31(13):1807-1809. doi: 10.1080/14767058.2017.1326899. Epub 2017 May 22.
9. NETosis – Dr. Jekyll and Mr. Hyde in inflammation
Lauková L, Konečná B
Journal of applied biomedicine, 2018
10. Fetal DNA does not induce preeclampsia-like symptoms when delivered in late pregnancy in the mouse.
Čonka J, Konečná B, Lauková L, Vlková B, Celec P.
Placenta. 2017 Apr;52:100-105. doi: 10.1016/j.placenta.2017.02.008. Epub 2017 Feb 9.
11. Detailed Analysis of Protein Topology of Extracellular Vesicles-Evidence of Unconventional Membrane Protein Orientation.
Cvjetkovic A, Jang SC, Konečná B, Höög JL, Sihlbom C, Lässer C, Lötvall J.
Sci Rep. 2016 Nov 8;6:36338. doi: 10.1038/srep36338.
12. Does rat fetal DNA induce preeclampsia in pregnant rats?
Konečná B, Borbélyová V, Celec P, Vlková B.
J Dev Orig Health Dis. 2015 Feb;6(1):5-9. doi: 10.1017/S2040174414000622.
13. Role of fetal DNA in preeclampsia (review).
Konečná B, Vlková B, Celec P.

Int J Mol Med. 2015 Feb;35(2):299-304. doi: 10.3892/ijmm.2014.2039. Epub 2014 Dec 15. Review.

Grants as principal Investigator

Comenius University Grants

UK/147/2015

Effects of nucleic acids and other substances on the development of preeclampsia symptoms in the animal model

Research stay

2015-2016 Krefting Research Centre, University of Gothenburg, Gothenburg, Sweden