

Curriculum Vitae

Personal information **Veronika Simko**

Work experience

Quality Assessor

11/2021 – present | State Institute for Drug Control, Slovakia

Evaluation of quality aspects of the chemical and pharmaceutical part of the both initial and variation applications for marketing authorisations of medicinal products (module 3 of CTD format); Assessment of data provided in marketing authorisation initial and variation applications for chemical products making appropriate recommendations and decisions in line with the protection of public health; Assessment of compliance with EMA and ICH guidelines and other regulations of drug substance and drug products; Elaboration of expert assessment reports.

Medical Laboratory Scientist specialized in molecular IVD of infectious diseases

7/2021 | Slovak Medical University, Faculty of Medicine, Slovakia

4/2021 - 6/2021 | Public Health Authority of the Slovak Republic, Department of medical microbiology, Slovakia

Postdoctoral Scientist specialized in cancer research

9/2012 - 1/2021 | Biomedical Research Center of Slovak Academy of Sciences, Institute of Virology, Slovakia

Scientific Coordinator

1/2019 - 9/2019 | MABPRO a.s., Slovakia

Education and training

Doctoral study (academic title PhD.)

2008-2012 | Molecular Biology

Comenius University in Bratislava, Faculty of Natural Sciences, Slovakia

Biomedical Research Center of Slovak Academy of Sciences, Institute of Virology, Slovakia

Rigorous exam (academic title RNDr.)

2010 | Biology

Pavol Jozef Šafárik University in Košice, Faculty of Natural Sciences, Slovakia

Master degree study

2006-2008 | Virology

Comenius University in Bratislava, Faculty of Natural Sciences, Slovakia

Additional information

Publications

Impairment of Hypoxia-Induced CA IX by Beta-Blocker Propranolol-Impact on Progression and Metastatic Potential of Colorectal Cancer Cells.

Barathova M, Grossmannova K, Belvoncikova P, Kubasova V, **Simko V**, Skubla R, Csaderova L, Pastorek J.

Int J Mol Sci. 2020 Nov 19;21(22):8760. doi: 10.3390/ijms21228760

PIMT Binding to C-Terminal Ala459 of CAIX Is Involved in Inside-Out Signaling Necessary for Its Catalytic Activity.

Simko V, Belvoncikova P, Csaderova L, Labudova M, Grossmannova K, Zatovicova M, Kajanova I, Skultety L, Barathova M, Pastorek J.

Int J Mol Sci. 2020 Nov 12;21(22):8545. doi: 10.3390/ijms21228545.

Hypoxic marker CA IX and adhesion mediator β -catenin are downregulated by lymphocytic choriomeningitis virus persistent infection.

Fabianova A, Barathova M, Csaderova L, **Simko V**, Zatovicova M, Labudova M, Pastorek J.

Oncotarget. 2018 Feb 2;9(16):12879-12893. doi: 10.18632/oncotarget.24387.

Hypoxia induces cancer-associated cAMP/PKA signalling through HIF-mediated transcriptional control of adenylyl cyclases VI and VII.

Simko V, Iuliano F, Sevcikova A, Labudova M, Barathova M, Radvak P, Pastorekova S, Pastorek J, Csaderova L.

Sci Rep. 2017 Aug 31;7(1):10121. doi: 10.1038/s41598-017-09549-8.

Dexamethasone downregulates expression of carbonic anhydrase IX via HIF-1 α and NF- κ B-dependent mechanisms.

Simko V, Takacova M, Debreova M, Laposova K, Ondriskova-Panisova E, Pastorekova S, Csaderova L, Pastorek J.

Int J Oncol. 2016 Oct;49(4):1277-88. doi: 10.3892/ijo.2016.3621.

Sulforaphane-induced apoptosis involves the type 1 IP3 receptor.

Hudecova S, Markova J, **Simko V**, Csaderova L, Stracina T, Sirova M, Fojtu M, Svastova E, Gronesova P, Pastorek M, Novakova M, Cholujo D, Kopacek J, Pastorekova S, Sedlak J, Krizanov O.

Oncotarget. 2016 Sep 20;7(38):61403-61418. doi: 10.18632/oncotarget.8968.

Sulforaphane reduces molecular response to hypoxia in ovarian tumor cells independently of their resistance to chemotherapy.

Pastorek M, **Simko V**, Takacova M, Barathova M, Bartosova M, Hunakova L, Sedlakova O, Hudecova S, Krizanov O, Dequiedt F, Pastorekova S, Sedlak J.

Int J Oncol. 2015 Jul;47(1):51-60. doi: 10.3892/ijo.2015.2987.

Carnosine inhibits carbonic anhydrase IX-mediated extracellular acidosis and suppresses growth of HeLa tumor xenografts.

Ditte Z, Ditte P, Labudova M, **Simko V**, Iuliano F, Zatovicova M, Csaderova L, Pastorekova S, Pastorek J.

BMC Cancer. 2014 May 22;14:358. doi: 10.1186/1471-2407-14-358.

Expression pattern of carbonic anhydrase IX in Medullary thyroid carcinoma supports a role for RET-mediated activation of the HIF pathway.

Takacova M, Bullova P, **Simko V**, Skvarkova L, Poturnajova M, Feketeova L, Babal P, Kivela AJ, Kuopio T, Kopacek J, Pastorek J, Parkkila S, Pastorekova S.

Am J Pathol. 2014 Apr;184(4):953-965. doi: 10.1016/j.ajpath.2014.01.002.

S100P, a peculiar member of S100 family of calcium-binding proteins implicated in

cancer.

***Tothova V**, Gibadulinova A.

Acta Virol. 2013;57(2):238-46. doi: 10.4149/av_2013_02_238. Review.

Glucocorticoid receptor-mediated transcriptional activation of S100P gene coding for cancer-related calcium-binding protein.

***Tothova V**, Isola J, Parkkila S, Kopacek J, Pastorek J, Pastorekova S, Gibadulinova A.

J Cell Biochem. 2011 Nov;112(11):3373-84. doi: 10.1002/jcb.23268.

Transcriptional regulation and functional implication of S100P in cancer.

Gibadulinova A, ***Tothova V**, Pastorek J, Pastorekova S.

Amino Acids. 2011 Oct;41(4):885-92. doi: 10.1007/s00726-010-0495-5. Review.

*surname at birth

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