PROF DR. TAMARA LAH TURNŠEK

PROF DR. TAMARA LAH TURNŠEK obtained her PhD from the University of Ljubljana, as a researcher at Department of Biochemistry and Molecular Biology at Josef Stefan Institute, the major research institution in Slovenia, spending there nearly half her scientific career. As the visiting postdoctoral fellow, followed by Assistant Professor position, she worked at the Faculty of Medicine at Wayne State University, MI, USA, and later as visiting Professor at Albert Einstein Medical Center in Philadelphia, PA, USA, commiting her research to cancer. Back to Slovenia, in 1995 she took the position of the Director of National Institute of Biology, until 2018. There, she has initially established the Department of Genetic Toxicology and Cancer Biology, continuing her research to present. Part of this research was dedicated to natural compounds, isolated from hops, hemp. bark of various Brazilian's plants nd buckwheat, as cancer chemoprevention agents and potential therapeutics, like xantohumol, plant lectins, resveratrol and mostly cannabinoids over past years (Refs1-5).

She has been the recipient , besides national also international and multinational research grants from NIH, EU-Horizon and Interregional funds, and collaborated with pharmaceutical industry, e.g. KRKA, d.o.o, Ongocene Sci., Ltd, Novartis-Lek, Ltd. and recently with plant pharmaceuticals, MGC Ltd. She was also teaching cancer biology at the University of Ljubljana and as visiting Professor at Amsterdam University and lastly at the Institute of Biochemistry and Medical school of the University Sao Paolo. She has received several prestigious awards, like the Zois Award for life time achievements, from and Rio Branco from Slovenian and Brazilian Government, respectively. She is a member of several national and international organizations from American and European Association of Cancer Research (AACR, EACR) and elected member of European Organization of Cancer Research and Treatment (EORTC), etc., At present, she is holding the position as the Head Research -Science Class of Slovenian Engineering Academy (see www.n https://www.ias.si/tamara-lah-turnsekib.si).

Relevant Publications

- *LAH TURNŠEK, T.---and NABISSI, M. Cannabigerol is a potential therapeutic agent in a novel combined therapy for glioblastoma. Cells, 2021 . https://www.mdpi.com/2073-4409/10/2/340, DOI: 10.3390/cells10020340*

- *DOBOVIŠEK, L.,LAH TURNŠEK, T, … ans DEBELJAK, N. Effect of combining CBD with standard breast cancer therapeutics. Advances in cancer biology. Metastasis. 2022, https://www.sciencedirect.com/science/article/pii/S2667394022000120?via%3Dihub,*
- *LAH TURNŠEK, T,. …and ZOMER, R. The cytotoxic effects of cannabidiol and cannabigerol on glioblastoma stem cells may mostly involve GPR55 and TRPV1 signalling. Cancers. 2022;https://doi.org/10.3390/cancers14235918],*
- *CHENG, W.…LAH TURNŠEK, T.,…and LIAO, Z. Tartary buckwheat flavonoids improve colon lesions and modulate gut microbiota composition in diabetic mice. Evidence-based complementary and alternative medicine. 2022,. https://www.hindawi.com/journals/ecam/2022/4524444/,*
- *AMAHO BONTURI, C., …LAH TURNŠEK, T. and OLIVA.,M. A bifunctional molecule with lectin and protease inhibitor activities isolated from Crataeva tapia bark significantly affects cocultures of mesenchymal stem cells and glioblastoma cells. Molecules. 2019, DOI: 10.3390/molecules24112109.*
- *PLAZAR, J., ...LAH TURNŠEK,T.,…and FILIPIČ, M. Protective effects of xanthohumol against the genotoxicity of benzo(a)pyrene (BaP), 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) and tert-butyl hydroperoxide (t-*BOOH) in HepG2 human hepatoma cells. *Mutation research.*. 2007, vol. 632, str. 1-8.

Public Science

- TAVČAR, Borut, LAH TURNŠEK, Tamara. Kanabis najbolj odpren proti recesiji. *Delo*. [Tiskana izd.]. 22. okt. 2022,. https://www.delo.si/tisk/viewer?source=delo&y=2022&md=1022#pagemode=thumbs.
- BAGAR, Tanja, ČERVEK, Jožica, NEUBAUER, David, NOLIMAL, Dušan, LAH TURNŠEK, Tamara. "To lahko izjavi le nasprotnik zdravljenja s konopljo". *Delo.si*.]. 22. jan. 2020. https://www.delo.si/novice/znanoteh/to-lahko-izjavi-le-nasprotnik-zdravljenja-s-konopljo-270975.html]
- LAH TURNŠEK, T., NOLIMAL, D., ČERVEK, J., NEUBAUER, D., BAGAR, T., PERDIJA, Ž. Konoplja in SARS-CoV-2. *Pharmonia : sozvočje dela in sprostitve*. http://www.pharmonia.si/clanek/konoplja-sars-cov-2-1237.
- LAH TURNŠEK, T. Smrtna kazen za kajenje tobaka, ječa za kavo, bičanje za alkohol. *Sobotna priloga*. 30. mar. 2019,. https://www.delo.si/sobotna-priloga/smrtna-kazen-za-kajenje-tobaka-jeca-za-kavo-bicanje-za-alkohol-164101.html.