

doc. MVDr. Alžbeta Kaiglová, Ph.D. – she has been working at the Faculty of Health Care and Social Work of the University of Trnava since 2013, since 2022 at the position of associate professor. He teaches microbiology/virology, laboratory technology and microbiology and epidemiology. Her current research focuses on monitoring the chemotactic response of *C. elegans* nematodes to odorants in the urine of cancer patients and the behavioral and reproductive consequences of exposing *C. elegans* embryos to low doses of environmental pollutants. She actively works with young talented students on research tasks in the framework of the student research activities (“ŠVOČ”).

Born: 1959
MVDr.: 1984
PhD.: 1998
Associate Professor: 2022

Traineeship:

Environmental Health Sciences Research Center, The University of Iowa, Iowa City, Iowa, USA, 08/1996 – 12/1996

Grants:

1. CIREH, The University of Iowa, Iowa, USA: Impact of Placental Contamination on Th1/Th2 Cytokine Secretion in Cord Blood and Allergy Development in Childhood.
2. Min. školstva, vedy, výskumu a športu: Kontrola eliminácie schistozomózy v rurálnych oblastiach Kene. Minigrant na realizáciu vedecko-pedagogickej činnosti na špecifickom pracovisku v Keni (2018).
3. KEGA č. 013TTU-4/2019, vzdelávací projekt: Príprava atlasu parazitov: F. Ondriska, A. Kaiglová, K. Bírová a i. Vytvorenie zbierky trvalých preparátov parazitov a napísanie publikácie Atlas parazitov človeka (2019-2021).

Publications:

1. Kaiglová A., Hurbánková M.: Impact of different dose and size of industrial fibrous dusts on TNF-alpha and IFN-gamma release. *Central European Journal of Occupational and Environmental Medicine* 4, 1997, 309-313.
2. Kaiglová A., Hurbánková M.: Changes of some BAL-parameters – biomarkers in pathogenesis of lung diseases after exposure to fibrous dust. *Abstracts of Communications of the Ninth International Conference on Occupational Respiratory Diseases*, 1997, Kyoto, Japan, p. 173.
3. Kaiglová, A., Reichrtová, E., Gvozdjaková, A., Kucharská, J, Adamčáková, A.: Lactate dehydrogenase activity in human placenta related to smoking habit of mothers In: *Environmental Epidemiology in Pan America and the World: Building Connections*, Twelfth Conference of the International Society for Environmental Epidemiology, Buffalo, New York, USA, 2000, p. 99.
4. Kaiglova, A, Reichrtova, A, Adamcakova, A, Wsolova, L: Lactate Dehydrogenase Activity in Human Placenta Following Exposure to Environmental Pollutants. *Physiological Research*, Volume 50, 2001, 525-528.

5. Beno, P, Kaiglova, A, Samohyl, M: Laboratory methods for diagnostics of HIV infection and HIV-associated neuroinfections. *Neuroendocrinology Letters* Vol. 37, No.8, 2016, p. 101–109.
6. Beno, P, Kaiglova, A, Blažíčková S., Dovinová, I.: Vybrané laboratórne vyšetrovacie metódy v zdravotníctve / - 1. vydanie. - Trnava: Typi Universitatis Tyrnaviensis, spoločné pracovisko Trnavskej univerzity v Trnave a VEDY, vydavateľstva Slovenskej akadémie vied, 2018. - 293 s. - ISBN 978-80-568-0076-8.
7. Kaiglová, A, Beňo, P. Changoma, M.J.S.: Detection of schistosomiasis applicable for primary health care facilities in endemic regions of Africa. In: *Biologia*. - ISSN 0006-3088. - Vol. 72, Issue 10 (2017), s. 1113-1120.
8. Kaiglová, A, Changoma, M.J.S., Špajdelová, J, Jakubcová, D., Bírová, K. : Urinary schistosomiasis in patients of rural medical health centers in Kwale county, Kenya. In: *Helminthologia*. - ISSN 0440-6605. - Vol. 57, Issue 1 (2020), s. 19-27.
9. Kucharíková, S, Hockicková, P, Melnikov, K, Bárdyová, Z, Kaiglová, A. The *Caenorhabditis elegans* cuticle plays an important role against toxicity to bisphenol A and bisphenol S. *Toxicol Rep.* 2023 Mar 2;10:341-347. doi: 10.1016/j.toxrep.2023.02.013. PMID: 36923.
10. Ondriska, F, Boldiš, V, Kaiglová, A, Mrva, M, Mrvová Garajová, M., Steinhübel, J : Atlas parazitov človeka. 1. vyd. – Trnava (Slovensko): Trnavská univerzita v Trnave. Typi Universitatis Tyrnaviensis, spoločné pracovisko Trnavskej univerzity v Trnave a Vedy, vydavateľstva Slovenskej akadémie vied, 2022. – 140 s., ISBN 978-80-568-0438-4.
11. Melnikov, K., Kucharíková, S, Bárdyová, Z., Botek, N. a Kaiglová, A: Applications of a Powerful Model Organism *Caenorhabditis elegans* to Study the Neurotoxicity Induced by Heavy Metals and Pesticides In: *Physiological research* ISSN 0862-8408. – ISSN (online) 1802-9973. – Roč. 72, č. 2 (2023), s. 149-166.