

Institut za medicinska | for Medical rada

Institute istraživanja Research and i medicinu Occupational Health

International symposium on Environmental and Molecular Toxicology of Chemicals

7th December 2023, Zagreb, Croatia

Institute for Medical Research and Occupational Health, Ksaverska cesta 2, Zagreb, Croatia Lecture hall

Programme

9:00-9:05 Opening Session I – Pesticides and cholinesterases (Chair:Zrinka Kovarik) 9:05-9:00 Zrinka Kovarik (ML, HR): Environment and chemicals in the focus of 75 years of research at the Institute for Medical Research and Occupational Health 9:20-9:40 Heidi Qunhui Xie (RCEES, CN): New perspective on regulation of acetylcholinesterase by dioxins 9:40-10:00 Zoran Radi (CDS, USA): Structural basis of organophosphate pesticide toxicity inferred from atomic level studies of acetylcholinesterase structure 10:00-10:20 Goran Šinko (IML, HR): In silico examination of pesticide cholinesterase interactions via molecular modeling 10:20-10:35 Dora Kolić (IML, HR): Neurotoxic impact of organophosphate pesticides via inhibition of cholinesterase activity 10:35-11:00 Coffee break Session II – New approaches in chemical toxicology (Chair: Maja Katalinic) 11:30-11:20 Višnja Stepanić (IRB, HR): Use of chemoinformatics in toxicology 11:40-11:5 Yagsheng Chen (RCEES, CN): Ary hydrocarbon receptor (ARP) pathway mediated activation of primary cultured astrocytes after 2,3,7.8-tetrachlorodibenzo-p-dioxin (TCDD) exposure 11:40-11:5 Ruihong Zhu (RCEES, CN): Effects of 2,3,7.8-tetrachlorodibenzo-p-dioxin (TCDD) on human renal tubulointerstriati fitrosis 12:30-13:30 Lunch break Session III – Environmental pollutants and biomonitoring (Chair: Jasna Jurasovič) <	8:30-9:00	Registration	
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