

Sunday, 9 October 2016 (Day 1)

13:00 – 17:00 Registration of participants

18:15 – 19:00 **Opening ceremony**

SESSION: DRUGS OF ABUSE AND ANTIDOTES

Chairs: Maja Peraica, Davor Želježić, Davorka Sutlović

19:00 – 19:45 **IL – 1** **Elisabetta Bertol** (Florence, Italy)
Advanced EWS: NPS challenge: our strategy and related analytical cases

19:45 – 20:30 **IL – 2** **Zoran Radić** (La Jolla, USA)
50 years of allosteric hypothesis in cholinesterases, 25 years of its proof and its role in design of enhanced antidotes for organophosphate intoxication

21:00 **Welcome reception**

Monday, 10 October 2016 (Day 2)

8:00 – 8:30 **Posters will be put up by presenters**

EXPOSURE AND RISK ASSESSMENT

Chairs: Maja Peraica, Corrado L. Galli,

8:30 – 9:15 **IL – 3** **Marijana Ćurčić** (Belgrade, Serbia)
Multiple chemicals exposure – challenges

9:15 – 10:00 **IL – 4** **Javier Esteban** (Alicante, Spain)
Alterations of the retinoid system by brominated flame retardants

10:00 – 10:15 **OP – 1** **Balázs Tóth** (Veszprém, Hungary)
Testing of technically challenging materials by inhalation

10:15 – 10:30 **OP – 2** **Maurice Smith** (Neuchatel, Switzerland)
Indoor air chemistry (IAC): Comparative study between conventional cigarette and heat-not-burn technology

10:30 – 11:00



Poster viewing and coffee break sponsored by **Kobis d.o.o.**

SESSION: REGULATORY TOXICOLOGY

Chairs: Irena Žuntar, Zdravko Lovrić

11:00 – 11:45

IL – 5

Corrado L. Galli (Milan, Italy)

Risk assessment in toxicology for plant protection products: much a do about nothing?

11:45 – 12:30

IL – 6

Stefan Mandić-Rajčević (Milan, Italy)

From field exposure assessment to preventive biological exposure limits in agricultural pesticide use

12:30 – 12:45

OP – 3

Judit Hargitai (Veszprém, Hungary)

Extended One-Generation Reproductive Toxicity Study – OECD 443

12:45 – 13:30

Sponsor's presentation

Alphachrom users and applications team (Zagreb, Croatia)

The modern techniques in applications for toxicology analysis

13:30 – 14:30

Lunch break

SESSION: FOOD TOXICOLOGY

Chairs: Tomislav Klavec, Dušanka Milojković Opsenica

14:30– 15:15

IL – 7

Dušanka Milojković Opsenica (Belgrade, Serbia)

Urban honey – truths and misconceptions

15:15 – 16:00

IL – 8

Bojan Šarkanj (Osijek, Croatia)

Mycotoxins in Croatian cereals: 101 reasons to worry?

16:00 – 16:15

YSL – 1

Ana Stanić (Oslo, Norway)

Presence of glutathione conjugates of mycotoxin deoxynivalenol and its breakdown products in naturally contaminated grain samples

16:15 – 16:30

OP – 4

Zdenko Franić (Zagreb, Croatia)

Long term investigations of radioactivity in honey of North-west Croatia

16:30 – 16:45	YSL – 2	Antonija Sulimanec Grgec (Zagreb, Croatia) Essential and toxic elements in three fish species typical for the dietary pattern in coastal Croatia
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16:45 – 17:45	 Poster viewing and coffee break sponsored by Kobis d.o.o.	
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SESSION: GENOTOXICITY
Chairs: Ksenija Durgo, Davor Želježić

17:45 – 18:30	IL – 9	Gonca Çakmak Demircigil (Ankara, Turkey) <i>In vitro</i> particulate matter (PM) genotoxicity with regards to the season and region
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18:30 – 18:45	OP – 5	Tshepiso Jan Makhafola (Florida/Pretoria, South Africa) <i>Combretum microphyllum</i> and <i>Leucospermum erubescens</i> inhibit the genotoxic effects of 4-NQO, MMC and EMS <i>in vitro</i>
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18:45 – 19:00	OP – 6	Mirta Milić (Zagreb, Croatia) hCOMET COST action 15132 – an international network of researchers who are using comet assay in human biomonitoring studies
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19:00 – 19:15	YSL – 3	Matjaž Novak (Ljubljana/Maribor, Slovenia) Genotoxicity of selected cytostatic drugs in human hepatoma HepG2 cells
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19:15 – 20:00	Posters will be taken down by presenters	
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Tuesday, 11 October 2016 (Day 3)

SESSION: TOXICOLOGY OF METALS AND NANOTOXICOLOGY
Chairs: Jasna Jurasović, Vesna Matović

8:30 – 9:15	IL – 10	Vesna Matović (Belgrade, Serbia) Overview of our results on cadmium toxicity
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9:15 – 10:00	IL – 11	Damjana Drobne (Ljubljana, Slovenia) What makes nanoparticles toxic?
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10:00 – 10:15	OP – 7	Anita Jemec (Ljubljana, Slovenia) From nanoparticles to microplastics: retrospective and prospective view
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10:15 – 10:30	YSL – 4	Veno Kononenko (Ljubljana, Slovenia) phototoxicity of mesoporous TiO ₂ +Gd microbeads with the potential for cancer diagnosis and treatment
10:30 – 11:00	 Coffee break	
SESSION: TOXICOLOGY OF METALS AND NANOTOXICOLOGY		
Chairs: Suzana Ćavar, Željko Jakšić		
11: 00 – 11:45	IL – 12	Marijana Erk (Zagreb, Croatia) Metals as contaminants in aquatic environment and their effects on aquatic organisms
11:45 – 12:30	IL – 13	Željko Jakšić (Rovinj, Croatia) Fate and effect of engineered (manufactured) nanomaterials on marine ecosystem
12:30 – 12:45	OP – 8	Maja Levak (Rovinj, Croatia) Impact of bio-corona on the toxicity of silver nanoparticles on the embryonal development of Mediterranean sea urchin <i>Paracentrotus lividus</i>
12:45 – 13:00	OP – 9	Petra Burić (Rovinj, Croatia) Sensitivity to different sizes of silver nanoparticles in the early life stages of two Mediterranean sea urchins <i>Arbacia lixula</i> (Linnaeus, 1758) and <i>Paracentrotus lividus</i> (Lamarck, 1816)
13:00 – 13:20	Sponsor's presentation	Shimadzu d.o.o. (Zagreb, Croatia)
13:20 – 14:20	Lunch break	
15:00 – 22:00	Excursion with congress dinner	

Wednesday, 12 October 2016 (Day 4)

SESSION: ECOTOXICOLOGY

Chairs: Emil Srebočan, Uwe Kierdorf

9:00 – 9:45	IL – 14	Uwe Kierdorf (Hildesheim, Germany)
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		From bats to kangaroos – research topics and approaches in wildlife toxicology
9:45 – 10:30	IL – 15	Branimir K. Hackenberger (Osijek, Croatia) Computing ecotoxicology – actuality and perspectives
10:30 – 11:00	 Coffee break	
SESSION: ECOTOXICOLOGY		
Chairs: Damjana Drobne, Daniel Mark Lyons		
11:00 – 11:30	IL – 16	Bojan Hamer (Rovinj, Croatia) Interaction between climate change and biological monitoring of pollution
11:30 – 11:45	YSL – 5	Marija Dvorščak (Zagreb, Croatia) Determination of terbuthylazine in urine of rats exposed to its low doses
11:45 – 12:00	YSL – 6	Mirna Velki (Aachen, Germany/Osijek, Croatia) Assessment of pesticide effects on zebrafish embryos
12:00 – 12:45	Closing lecture	Zdravko Lovrić (Zagreb, Croatia) Implementation of chemicals legislation in Croatia
12:45 – 13:15	Closing Ceremony	