

CONFERENCE PROGRAMME

Sunday, 22nd September 2024

20:00 – 23:00	5 th “geNIus” Pub Quiz (<i>Aperitiv bar Circolo</i>) - all participants are invited for a casual networking -
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Monday, 23rd September 2024

9:00 – 11:00	[ToxLearn4EU consortium meeting]
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HESI Workshop - Where the rubber meets the road: Transitioning academic research into regulatory requirements
chairs: C. Chen, M. Vasquez



part 1. Cross-talk between academic genotoxicity research and regulatory genotoxicity assessment

HESI

timing	lecturer	title
13:00 – 13:05	Welcome & Introductions	
13:05 – 13:35	Carol Beevers	Reflections on the commonalities and differences between academic and regulatory genotoxicity studies
13:35 – 13:55	David Lovell	Statistics and experimental design: Similarities and differences between regulatory and academic studies
13:55 – 14:15	Roland Frötschl	What do regulatory agencies look for in studies and how they use academic and regulatory studies
14:15 – 14:35	Steven Brooks	Genotoxicity in marine organisms, assessing the potential impacts of offshore oil and gas activities on the marine environment
14:35 – 15:00	coffee break	

part 2. From academic origins to the regulatory arena: successes and current challenges

15:00 – 15:20	Javed Bhalli	PigA: Lifecycle and lessons learned
15:20 - 15:40	Francesco Marchetti	Duplex sequencing: The roadmap for error-corrected next-generation sequencing
15:40 – 16:00	Giel Hendricks	From Bench to OECD validation: The ToxTracker journey
16:00 – 16:25	Hans-Jörg Martus	Quantitative-based Genotoxicity Risk Assessment
16:25 – 16:30	Closing Remarks & Conclusions	
16:30 – 17:30	The EEMGS General Assembly	

18:30 – 19:00	Opening ceremony	
Keynote lecture chairs: A. Azqueta, G. Gajski		
19:00 – 20:00	Rosa Karlić	Exploring the epigenomic context of mutational processes
20:00 – 23:00	Welcome reception (<i>Restaurant Oleander, Hotel EDEN</i>)	

Tuesday, 24th September 2024

Plenary lecture chair: K. Zahradka		
8:55 – 9:40	Tomislav Maričić	Neanderthals and genome editing of stem cells: exploring genetic changes that define modern human traits
Session 1a: DNA Structure and Repair chairs: I. Ivančić Baće, K. Zahradka		
9:45 – 10:15	Marcus Cooke	Do nucleic acid modifications have a role in dissecting the health effects of the exposome?
10:15 – 10:45	Nevenka Meštrović	“Dark Matter” of Genomes – Satellite DNA
10:45 – 11:00	Ivana Ivančić Baće	Interplay between DNA repair and CRISPR-Cas adaptation
Session 1b: Aquatic Environments chairs: M. Smodlaka Tanković, S. Kolarević		
9:45 – 10:15	Sandi Orlić	Microbial diversity as a signal of environmental changes
10:15 – 10:30	Stoimir Kolarević	Ecogenotoxicology in the Joint Danube Surveys (JDSs) - summary of activities in the past surveys and plans for the upcoming JDS5
10:30 – 10:45	Mia Knjaz	First regional reference database of northern Adriatic diatom transcriptomes
10:45 – 11:00	Josip Madunić	Assessment of domoic acid-induced genotoxicity and oxidative stress in non-target HepG2 liver cells
11:00 – 11:30	Coffee break and poster session	
11:30 – 13:00	The Frits Sobels Award lecture and the Early Career Award lecture	
13:00 – 14:00	Lunch	

Session 2a: Ageing chairs: C. Ladeira, D. Vujaklija		
14:00 – 14:30	Gordan Lauc	Effects of environmental factors on glycan biomarkers predicting age-related diseases
14:30 – 15:00	Vlatka Zoldoš	Effects of estrogen on immunoglobulin G glycosylation and biological aging: mapping the downstream signalling pathway
15:00 – 15:15	Tanima SenGupta	The role of DNA repair in aging and neurodegeneration
15:15 – 15:30	Sharleen Friese	Trace Elements, ageing and genomic instability in mice
Session 2b: Environmental Toxicants chairs: B. Žegura, J. Sanders		
14:00 – 14:30	Doris Marko	Data gaps in the risk assessment of mycotoxins
14:30 – 14:45	Michalis Fragkos	Investigation of the genotoxicity of glyphosate using cell-based assays
14:45 – 15:00	Henning Hintzche	Genotoxicity of 2-chloroethanol <i>in vitro</i>
15:00 – 15:15	Caroline Quarz	Transcription-coupled nucleotide excision repair protects against the detrimental effects induced by methyleugenol-derived DNA adducts
15:15 – 15:30	Ariane Schmidt	Threshold concentrations for BPDE-induced cell death are characterised by altered DNA damage signalling and associated with unrepaired double-strand breaks
15:30 – 16:30	Poster session	
16:00 – 17:30	[ToxLearn4EU consortium meeting]	
18:00 – 20:00	Rovinj City Guided Tour (from Hotel EDEN)	
20:00 – 22:00	Late-night poster viewing	

Wednesday 25th September 2024

Session 3a: Cancer chairs: S. Bonassi, S. Vodenková		
9:00 – 9:30	Duan Chen	Gastric cancer: potential carcinogens, biomarkers, chemoprevention and drug repurposing
9:30 – 9:50	Chun-Mei Zhao	Proteomics-based system modeling for studying pancreatic cancer
9:50 – 10:10	Jiří Zavadil	Mutational signature of dietary acrylamide/glycidamide in renal cancer genomes
10:10 – 10:30	Michael Korenjak	Mutational signatures of tobacco-specific nitrosamines NNN and NNK in cells, animals and humans
10:30 – 10:45	Julia Stephanie Bruno	Oral tongue cancer infectome in patients with no identified risk factors
10:45 – 11:00	Natálie Danešová	Changes in mitochondrial DNA in colorectal cancer patients
Session 3b: New Approach Methodologies chairs: R. Frötschl, S. Bryce		
9:00 – 9:15	Roland Frötschl	Impact of the ICH S2(R1) guideline on the frequency of irrelevant positive <i>in vitro</i> mammalian cell assays

9:15- 9:30	Steven Bryce	Application of modifying agents to a multiplexed DNA damage assay provides mechanistic information on genotoxicity and molecular targets
9:30 – 9:45	Nivedita Chatterjee	Role of PMK-1/p38 MAPK in <i>C. elegans</i> DNA damage response: A case study with silver nanoparticles
9:45 – 10:00	Lajos Mátés	Detecting a new class of carcinogens by testing their ability to activate endogenous L1 elements
10:00 – 10:15	Gladys Mirey	Reference chemicals mode-of-action assessed <i>in vitro</i> by HSC micronucleus assay after acute or subacute exposures
10:15 – 10:30	Evi De Ryck	Assessment of biomarkers in exhaled breath condensate of workers with occupational lung disease
10:30 – 10:45	Rebekah Beck	High-content <i>in vitro</i> micronucleus assay highlights novel links between epigenetic changes and genotoxic outcomes.
10:45 – 11:00	Danielle Harte	The <i>in vitro</i> micronucleus multi-biomarker image stream (ISMN-MB) assay
11:00 – 11:30	Coffee break and poster session	

New Investigators Session | chairs: M. M. Nicolai, S. Friese




11:30 – 12:00	Marina Tenório Botelho	Reviewing comet assay as a tool in marine ecotoxicology
12:00 – 12:15	Bérénice Chavanel	Mutagenic effects of ethanol and acetaldehyde in oral cancer: an experimental modelling approach
12:15 – 12:30	Julie Sanders	Quantitative genotoxicity assessment of mycotoxin mixtures
12:30 – 12:45	Anne Lene Nordengen	Effect of a personalized intensive dietary intervention on DNA damage and repair in colorectal cancer patients
12:45 – 13:00	Lieselot Hemeryck	DNA adduct formation associated with specific environmental, dietary, and lifestyle habits among kidney transplant patients
13:00 – 14:00	Lunch	
14:00 – 14:15	Zeiss sponsored talk	
14:15 – 14:30	Inel sponsored talk	


Plenary lecture | chair: D. Vujaklija

14:30 – 15:15	Nenad Ban	Revealing the machinery for the production of proteins in human cells
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15th International Comet Assay Workshop Part 1 | chairs: G. Gajski, A. Haveric



15:30 – 16:00	Andrew Collins	The comet assay in middle age
16:00 – 16:30	Stefano Bonassi	Biomarkers of effect: A journey from exposure monitoring to predictors of adverse health outcome
16:30 – 17:00	Siegfried Knasmüller	Search for the most reliable genotoxicity test
17:00 – 17:30	Sabine Langie	Revolutionizing DNA repair analyses: Latest enhancements to the comet-based <i>in vitro</i> DNA repair assay


European Centre for Ecotoxicology and Toxicology of Chemical Session		
chair: B. van Raayenzway, K. Meurer		
15:30 – 15:50	Bennard van Raayenzway	ECETOC's transformational program A framework to incorporate NAMs in regulatory toxicology
15:50 – 16:10	Sylvia Escher	Toxicological effects in 28d studies compared to 90d studies – what do we miss after short term exposure?
16:10 – 16:40	Sergio Perez	Examples of the ECETOC framework incorporating NAMs in risk assessment
16:40 – 17:00	Krista Meurer	Smart <i>in vivo</i> studies: using new technologies in the 28d studies
17:00 – 17:15	Discussion	
17:30 – 18:30	Poster viewing	
20:00 – 00:00	Gala dinner (<i>Primi terreni, Hotel GRAND PARK</i>)	

Thursday, 26th September 2024

Next-generation Sequencing Session Part 1 chair: A. Lynch		
9:00 – 9:15	Anthony Lynch	Introduction
9:15 – 9:45	Francesco Marchetti	Advancing quantitative genetic toxicology and genomic technologies to reduce and replace conventional rodent mutagenicity tests
9:45 – 10:15	Anne Ashford	Extended analysis of NDMA mutagenicity using Duplex Sequencing on an <i>in vivo</i> MutaMouse mutation assay
10:15 – 10:30	Paula Štancl	Exogenous and endogenous carcinogens driving different mutational signatures in uveal and skin melanoma
15th International Comet Assay Workshop Part 2 chairs: S. Langie, M. Milić		
9:00 – 9:30	Marcus Cooke	Is automation the next innovation for the comet assay?
9:30 – 9:45	Ann-Karin Hardie Olsen	The <i>in vivo</i> Comet Assay: Uncovering DNA Damage in Testicular Germ Cells
9:45 – 10:00	Nurşen Başaran	DNA Damage in Patients with End-Stage Renal Disease
10:00 – 10:15	Miroslav Mišík	Impact of different electromagnetic fields on DNA stability <i>in vitro</i>
10:15 – 10:30	Victoria Claudino Bastos	Enzyme-modified CometChip: detection of enzyme-specific DNA damage with high-throughput comet assay
10:30 – 11:00	Coffee break	

Next-generation Sequencing Session Part 2 chair: A. Lynch, A.K. Hardie Olsen		
11:00 – 11:30	Martin Pfannkuchen	Genomics in coastal oceanography
11:30 – 12:00	Giel Hendriks	MutaTracker, a novel approach method to measure gene mutations using error corrected NGS to gain understanding of the genotoxic mode of action.
12:00 – 12:30	Ann-Karin Hardie Olsen	Embarking on decoding stem cells: ecNGS of hPSCs exposed to environmental mutagens during trilineage differentiation using the ReproTracker assay
15th International Comet Assay Workshop Part 3 chairs: V. Moraes de Andrade, M. Gerić		
11:00 – 11:15	Vanesa Moraes de Andrade	Antigenotoxic effects of melatonin in obese mice
11:15 – 11:30	John Einset	An important limitation of the comet assay
11:30 – 11:45	Agnes Draxler	Age-related DNA damage in middle-aged hospitalized COVID-19 patients
11:45 – 12:00	Vidya Balakrishnan PV	Evaluation of nanoparticles induced genotoxicity in human peripheral blood lymphocyte using CBMN assay and comet assay: An <i>in vitro</i> study
12:00 – 12:15	Elisa Sáenz Martínez	Evaluation of potassium bromate as a positive control in the <i>in vivo</i> fpg-modified comet assay for the detection of oxidized bases
12:15 – 12:30	Camille Guyon	Study of genotoxic effects on exocrine pancreas after chronic dietary exposure to cocktail of pesticides
12:30 – 13:00	Light lunch	
Partnership for the Assessment of Risks from Chemicals SYNnet 2nd Forum		
chairs: S. Namorado, N. Alygizakis		
13:05 – 13:35	Philip Marx-Stölting	Hazard assessment in PARC - first outcomes and synergies
13:35 – 13:50	Maria João Silva	Closing regulatory data gaps on the genotoxicity and non-genotoxic carcinogenesis of natural toxins and bisphenols
13:50 – 14:05	Marc Audebert	New approach methodologies to facilitate and improve the hazard assessment of non-genotoxic carcinogens
14:05 – 14:20	Emmanuel Demuyneck	Development of an AOP-based IATA for Genotoxicity: Building an AOP network for genotoxic events leading to permanent DNA damage
14:20 – 14:35	Levi Winkelman	Meta-analysis for quantifying a genotoxicity AOP linking DNA alkylation to increase in mutations and chromosomal aberrations
14:35 – 14:50	Ana Tavares	Genotoxicity biomarkers in occupational biomonitoring studies: linking exposure to preclinical effect
14:50 – 15:05	Cynthia Recoules	Set up of a human 3D multi-cellular liver model for non-genotoxic chemical carcinogen detection
15:05 – 15:30	Discussion	
15:30 – 16:00	EEMGS Closing and Award Ceremony	

Friday, 27th September 2024

15 th International Comet Assay Workshop hands-on		
morning	Marine Research Boat session	
Lunch break		
afternoon	Centre for Marine Research Lab session	

Posters

no	name	surname	title
P1	Ghofran	Alqudaihi	Urinary Benzene Metabolites and DNA Damage in Children living in Riyadh, Saudi Arabia
P2	Antonin	Ambroz	The impact of environmental pollution to oxidative stress in mothers/newborns (the update results, HAIE)
P3	Tamara	Anđić	Genoprotective effect of <i>Scutellaria altissima</i> L. extracts against H ₂ O ₂ -induced oxidative damage
P4	Biljana	Antonijević	Genotoxic Effect of a Pesticide Mixture by the Comet Assay
P5	Carlos Julián Martín	Arguedas	Machine learning for automatic analysis of comet assay outcome
P6	Natalija	Azanjac	A genetic screen for blm suppressors in <i>Ustilago maydis</i> identifies novel proteins effecting DNA repair and recombination
P7	Milda	Babonaitė	Evaluation of In Vitro Genotoxicity of Differently Sized Cobalt Oxide Nanoparticles
P8	Csaba	Boglári	Investigation of nitrosamines using miniaturized Ames tests
P9	Cecilia	Bossa	Analysis and evaluation of genotoxicity and carcinogenicity assessment across legislations towards the regulatory implementation of NAMs
P10	Marina	Botelho	DNA damage in sperm cells of a marine crustacean assessed by the comet assay
P11	Laura	Bragagna	DNA damage and oxidative stress biomarkers in healthy male volunteers after a repeated bolus and continuous glucose infusion
P12	Inger	Brandsma	Using ToxTracker and DNA Repair-Deficient Cell Lines to Determine the Genotoxic Mode of Action of N-Nitrosamines
P13	Mirjana	Čolović	Genotoxicity assessment of a promising contrast agent candidate: dependence on concentration and exposure time
P14	Tamara	Četković Pećar	Bioactivity assessment of graphene quantum dots on HEK293T cells
P15	Emmanuel	Demuynck	Assessing the potential of transcriptomics-based biomarkers to predict genotoxicity in different cell lines
P16	Jelena	Djordjevic Aleksić	Early warning signals of genotoxic compounds in native and invasive fish: A case study from Sava Lake
P17	Ana-Marija	Domijan	Methylation status of RB1 gene and parameters of oxidative stress and inflammation in sarcoma patients - a preliminary study
P18	Irma	Durmišević	Effects of Graphene Quantum Dots on HepG2 Spheroids: A Study on Biocompatibility and Potential Biomedical Applications
P19	Franziska	Ebert	Assessing combined metal exposure: Insights into cellular bioavailability and genotoxicity of Co(II) and Ni(II) in HepG2 cells
P20	Mayu	Fujikawa	Establishment of a method of comet assay using interstitial cells of rat testes
P21	Sandra	Gómez-Arroyo	Genotoxicity of benzo[ghi]perylene in the human bronchial epithelium NL-20 cell line
P22	Lana	Grižančić	Marine environmental DNA metabarcoding for northern Adriatic phytoplankton monitoring

P23	Melanie	Guerard	Safety strategy for the development small molecule kinase inhibitors
P24	Melanie	Guerard	High Throughput MultiFlow Assay—Evaluation of a Drug-Centric Test Set
P25	Mujo	Hasanović	Agarose seed coating with PGP bacteria alleviate DNA damage in <i>Pisum sativum</i> L. grown on serpentine soils
P26	Anja	Haverić	Steel industry and DNA damage in Bosnia and Herzegovina
P27	Óscar	Herrero	The endosymbiotic bacteria <i>Wolbachia</i> modifies gene expression and epigenome in <i>Chorthippus parallelus</i> (Orthoptera: Acrididae)
P28	Óscar	Herrero	Toxlearn4EU
P29	Chloé	Huertas	Cellular study of the genotoxic interaction between deoxynivalenol and acrylamide
P30	Ana	Ignjatijević	Cytotoxic and genotoxic potential of <i>Achillea millefolium</i> herb methanol and dichloromethane extracts
P31	Seda	Ipek Tekneci	Assessing DNA Repair Capacity of Hydrogen Peroxide-Induced Oxidative Damage Using In Vitro Comet Assay in 3T3 Cells
P32	Ivana	Jakovljević	Carcinogenic activity of PAHs in indoor air in Croatian households
P33	Jovana	Jovanović Marić	Are the invasive alien species suitable as bioindicators for the assessment of the genotoxic potential in aquatic ecosystems?
P34	Andreja	Jurič	Assessing antioxidant activity of strawberry tree honey using DNA plasmid phiX174 RF1: A pilot study
P35	Luka	Kazensky	Genotoxicity of polycyclic aromatic hydrocarbons complex mixture in human circulating blood cells: translation of a real-scenario exposure to in vitro
P36	Stoimir	Kolarevic	Assessment of the impact of polyamide microparticles in adult zebrafish by multibiomarker response
P37	Stoimir	Kolarevic	Genotoxicity and neurotoxicity biomarkers in the Mediterranean mussels from Montenegrin and Slovenian Adriatic coast
P38	Katja	Kološa	Genotoxicity assessment of Vanadium-doped iron-oxide nanozymes in HepG2 cells
P39	Jovana	Kostić	Aliens among us: invasive alien fish as bioindicator organisms and food source
P40	Katarina	Kozics	Diamond templates for stimulated growth of various human cell lines in vitro
P41	Margareta	Kračun Kolarevic	Usage of fish cell lines as an alternative to experimental animals in eco/geno-toxicology - case study of comet assay in different zebrafish based models
P42	Danijela	Krstić	The influence of exposure time on genotoxic properties of a tungsten-based polyanion
P43	Carina	Ladeira	Assessment of DNA damage and oxidative stress of Green tea epigallocatechin-3-gallate (EGCG) by comet assay
P44	Carina	Ladeira	A mixture design with nanoplastics and bisphenol A: cytotoxicity and genotoxicity assessment
P45	Eleonora	Longhin	Can we identify safe(r) substitutes for PFAS coatings?
P46	Yolanda	Lorenzo Corrales	Expression of DNA repair enzyme OGG1 in non-cultured and organ cultured corneal- and limbal epithelium

P47	Anthony	Lynch	Ames test assessment of 50 N-Nitrosamines covering varying structure, molecular weight, and CPCA categories.
P48	Radka	Macová	Identification of Biomarker and Therapeutic Target for Chronic Kidney Disease: in vivo model
P49	Carla	Martino	Safety assessment of smoke flavouring primary products by the European Food Safety Authority (EFSA)
P50	Ayesha	Masood	Evaluation of Anti-cancer effect of a Novel Formulation from Umbilical Cord Blood Stem Cell-Derived Exosomes and Retinoic acid as a potential therapeutic candidate against Malignant Melanoma
P51	Katarina	Matković	Predictive Modelling of Genotoxicity Biomarkers in Response to Air Pollution Exposure Across Seasons
P52	Mirta	Milić	Apigenin and homogentisic acid protect against benzo[a]pyrene-B[a]P, acenaphthene-Ace and benzo[b]fluoranthene-B[b]F induced genome damage in human lung cancer (A549) cells
P53	Mirta	Milić	Biomonitoring of genotoxic damage in food production due to workplace exposure to pesticides in Mexico
P54	Mirta	Milić	Assessment of DNA damage induced by green synthesized silver nanoparticles in human lymphocytes using the comet assay
P55	Dragana	Mitic-Culafic	Biocompatibility of innovative resveratrol micro- and nanoparticles
P56	Biljana	Nikolić	Frangula alnus extract and its dominant constituent emodin as potential chemotherapeutics against hepatocarcinoma
P57	Matjaž	Novak	Genotoxic activity of benzo[g,h,i]perylene (B[ghi]P) and benzo[b]fluoranthene (B[b]F) as single compounds and binary mixtures
P58	Eva	Paulusberger	Harmonization and Standardization of Data Collection Methods
P59	Ines	Peremin	Croatian vegetarian study: V2.0
P60	Ružica	Pribaković	Application of comet assay to determine the DNA damage in the model organism Caenorhabditis elegans
P61	Dubravka	Rašić	Assessing the potential synergistic/antagonistic effects of citrinin and cannabidiol on SH-SY5Y, HepG2, HK-2 cell lines, and lymphocytes
P62	Tim	Ravnjak	Cyclosporin A, a non-genotoxic carcinogen – its possible mechanisms of action
P63	Doris	Repušić	Predicting COVID-19 symptom severity based on host genetic predisposition
P64	Amanda	Rodrigues	Mutagenic effect of alizarin, a natural anthraquinone dye, in bacteria and a marine invertebrate
P65	Adriana	Rodriguez Garraus	Cellular transformation after the exposure to plastic particles derived from 3D printed objects
P66	Sophie	Rose	Hepoid 3D cultures allow the study of genotoxic and mutagenic compounds in human liver
P67	Pavel	Rossner	An innovative approach of ambient air pollution exposure assessment

P68	Andrea	Rossnerova	Findings from long-term biomonitoring research in humans with risk of chronic and/or acute inhalation exposure to nanoparticles
P69	Antonio	Sermek	The influence of development and heat stress on major and minor satellite DNA in the beetle <i>Tribolium castaneum</i>
P70	Michal	Sima	The impact of real-world ambient air pollution exposure on human airway tissue model
P71	Zuzana	Simova	Transcriptome changes in humans exposed to nanoparticles
P72	Robert	Smith	Integrated micronucleus and multi-endpoint screen for identification and classification of in vitro genotoxicants
P73	Monika	Sramkova	Biosafety of nanocomposite hydrogels developed for skin wound healing
P74	Stefan	Stanovčić	Novel cellular factors connecting genome stability and population recovery after massive stress in <i>Ustilago maydis</i>
P75	Helga	Stopper	A Strategy for Developing a Robust Framework of Genotoxicity Assays for Safety Assessment of Botanicals
P76	Camille	Streel	Genotoxicity assessment of enniatins and <i>Alternaria</i> toxins with the in vitro micronucleus assay and the SOS/umu test
P77	Emilija	Striogaitė	Analysis of in vitro Cytotoxicity and Genotoxicity of Polystyrene Nanoparticles in Human Hepatoma Cell Line (HepG2)
P78	Karolina	Sunjog	Exploring the link between microplastic and genotoxicity in fish
P79	Martina	Štampar	Adverse (geno)toxic effects of bisphenol A and its analogues BPS, BPAP, BPAF, BPFL, and BPC in a 3D HepG2 cell model
P80	Alja	Štern	Assessment of the genotoxic and mutagenic potential of a CBD isolate and a Cannabis Sativa extract in vitro
P81	Rachael	Tennant	Exploring the SAR of arylboronic acid compounds
P82	Benedicte	Trouiller	Lung toxicity comparison between actinolite cleavage fragments and asbestos
P83	Houan	Tu	Unravelling the mediating role of DNA repair and mitochondria in the development of obesity
P84	Sona	Vodenkova	Changes in telomere length and mitochondrial DNA copy number in the colorectal adenoma-carcinoma sequence
P85	Vukica	Vujić	Evolutionary considerations in <i>Drosophila</i> sibling species: geometric morphometric approach
P86	Vukica	Vujić	Sexual shape and size morphological differences in <i>Glomeris hexasticha</i> Brandt, 1833 (Diplopoda: Glomerida: Glomeridae)
P87	Vukica	Vujić	Interpopulation morphological differences in <i>Glomeris hexasticha</i> Brandt, 1833 (Diplopoda: Glomerida: Glomeridae)
P88	Ksenija	Zahradka	New evidence for alternative end-joining mechanism of DNA double-strand break repair in <i>Deinococcus radiodurans</i>
P89	Jiri	Zavadil	Molecular programs directed by arsenic and smokeless tobacco (co)exposure: experimental multi-omics analysis and implications for oral cancer epidemiology
P90	Bojana	Žegura	CutCancer: A twinning approach to strategically advance research on carcinogenesis and cancer

P91	Jovana	Živanović	Hepatotoxicity of a mixture of bisphenol A, bisphenol S, and bisphenol F: an analysis of toxicogenomic data
P92	Lada	Živković	Antioxidant potential of Dihydroquercetin alone and in combination with Biochaga in vitro
P93	Vilena	Kašuba	Assessment of Air Pollution Effects on Genomic Stability: Preliminary Findings from Zagreb, Croatia