

POSTER PRESENTATIONS

CYTOTOXICITY, CARCINOGENICITY & GENOTOXICITY

- P-1** IMPLEMENTATION OF IN VITRO METHODS FOR REGULATORY TOXICOLOGY TESTING AND RESEARCH AT HAMELN RDS A.S.
Lazová J., Bednáriková M., Imreová P., Múčková M.
hameln rds. a.s., Horná 36, 900 01, Modra
- P-2** NEW (PYRIDINE-2-SULFONATE) SILVER COMPLEX: DESIGN, DNA BINDING AND CYTOTOXIC ACTIVITY
Sabolová D., Imrichová N., Rendošová M., Vargová Z., Lakatoš B.
Department of Biochemistry, Institute of Chemistry, P. J. Šafárik University, Moyzesova 11, 041 54 Košice, Slovakia
- P-3** WATER FLOWERS EXTRACTS OF *CORNUS MAS* AND *CORNUS KOUSA* INHIBIT ALDOSE REDUCTASE, WITHOUT ANY EFFECTS ON LIPOTOXICITY
Šušaniková I., Kukurová L., Forman V., Mučaji P.
Dpt. of Pharmacognosy and Botany, Faculty of Pharmacy, Comenius University in Bratislava, Odbojárov 10, 832 32 Bratislava, Slovakia
- P-4** EFFECT OF HEXAHELICENE ON THE EXPRESSION OF CYP1A1
Vrba J., Roubalova L., Vacek J., Storch J.
Department of Medical Chemistry and Biochemistry, Faculty of Medicine and Dentistry, Palacký University, Olomouc, Czech Republic

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Belovičová K., Bögi E., Csatlosová K., Mach M., Dubovický M.
Institute of Experimental Pharmacology and Toxicology, Centre of Experimental Medicine of the Slovak Academy of Sciences, Bratislava, Slovakia; Department of Pharmacology, Jessenius Faculty of Medicine, Comenius University, Martin, Slovakia
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Institute of Experimental Pharmacology and Toxicology, Slovak Academy of Sciences, Bratislava, Slovakia
- P-7** ANTIEPILEPTIC DRUGS DURING PREGNANCY. CZTIS EXPERIENCE
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CZTIS, 3rd Medical faculty Charles University, Prague, Czech Republic
- P-8** THE EFFECT OF PRENATAL AND PERINATAL EXPOSURE TO PHTHALATE MIXTURE ON SOCIABILITY, ANOGENITAL DISTANCE AND TESTOSTERONE PRODUCTION IN ADULT RATS
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Department of Animal Physiology and Ethology, Faculty of Natural Sciences, Comenius University in Bratislava, Slovakia
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Institute of Experimental Pharmacology and Toxicology, Centre of Experimental Medicine, Slovak Academy of Sciences, Bratislava, Slovakia
- P-10** INTERMITTENT HYPOXIA *IN UTERO* AND FREQUENCY OF SKELETAL AND VISCERAL ANOMALIES IN THE RAT FOETUSES
Ujhazy E., Koprdoval R., Brucknerova I., Mach M.
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P-11 BIRT TRAUMA – STILL A CURRENT PROBLEM IN NEONATOLOGY**Brucknerová I., Mach M., Dubovický M., Brucknerova J., Ujházy E.***Neonatal Department of Intensive Medicine, Faculty of Medicine, Comenius University in Bratislava and National Institute of Children's Diseases, Limbova 1, Bratislava, Slovakia***ECOTOXICOLOGY****P-12** LEVELS OF SELECTED CONTAMINANTS IN FISH MUSCLE FROM UPPER NITRA RIVER**Andreji J., Dvořák P.***Department of Poultry Science and Small Farm Animals, Faculty of Agrobiological and Food Resources, Slovak University of Agriculture, Nitra, Slovak Republic***P-13** ACCUMULATION OF SELECTED METALS POLLUTION IN AQUATIC ECOSYSTEMS IN THE BASIN SMĚDÁ, CZECH REPUBLIC**Dvořák P., Andreji J., Dvořáková Líšková Z.***University of South Bohemia in Ceske Budejovice, Faculty of Fisheries and Protection of Waters, South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses, Institute of Aquaculture and Protection of waters, Ceske Budejovice, Czech Republic***P-14** IMPACT OF ANTHELMINTICS ON ACTIVITY OF ANTIOXIDANT ENZYMES IN SOYA (*GLYCINE MAX*)**Graňáková P., Raisová Stuchlíková L., Podlipná R., Szotáková B.***Charles University, Faculty of Pharmacy in Hradec Králové, Department of Biochemical Sciences, Hradec Králové, Czech Republic***P-15** IMPACT OF PLATINUM NANOPARTICLES ON THE AQUATIC ORGANISMS**Hlávková D., Havelková B., Beklová M.***Department of Ecology and Diseases of Game, Fish and Bees, Faculty of Veterinary Hygiene and Ecology, University of Veterinary and Pharmaceutical Sciences Brno, Palackého tř. 1946/1, Brno, Czech Republic***P-16** THE IMPACT OF ANTIDEPRESSANTS ON FISH**Hodkovicova N., Sehonova P., Blahova J., Vaclavik J., Svobodova Z***University of Veterinary and Pharmaceutical Sciences Brno, Faculty of Veterinary Hygiene and Ecology, Department of Animal Protection, Welfare and Behaviour, Brno, Czech Republic; Veterinary Research Institute, Department of Immunology, Brno, Czech Republic***P-17** SURFACE WATER QUALITY AND THE EFFECT OF MUNICIPAL WASTEWATER TREATMENT IN THE SVRATKA RIVER (CZECH REPUBLIC)**Járová K., Osičková, P.***University of Veterinary and Pharmaceutical Sciences Brno, Faculty of Veterinary Hygiene and Ecology, Department of Ecology & Game, Fish and Bees Diseases, Brno, Czech Republic***P-18** INTERFERENCE OF EXOGENOUS BROMIDE WITH THE METABOLISM OF IODINE AND THYROID HORMONES IN THE RAT**Pavelka S.***Institute of Physiology, Department of Radiometry, Czech Academy of Sciences, Prague; Department of Biochemistry, Faculty of Science, Masaryk University, Brno, Czech Republic***P-19** ANTHELMINTICS IN PLANTS – THE EFFECT ON TRANSCRIPTOME**Syslová E., Podlipná R., Landa P.***Laboratory of Plant Biotechnologies, Institute of Experimental Botany, Czech Academy of Science, Rozvojová 313, Praha 6 - Lysolaje, Czech Republic***P-20** PHARMACEUTICALS AND PLANTS: TOXIC EFFECT OF IVERMECTIN ON PLANT PROTEOME**Syslová, E., Vaněk, T., Harant, K., Podlipná, R.***Department of Biochemical Sciences, Faculty of Pharmacy in Hradec Králové, Charles University in Prague, Czech Republic***P-21** ANTIDEPRESSANT SERTRALINE AS A POTENTIAL POLLUTANT IN WATER ENVIRONMENT**Vaclavik J., Hodkovicova N., Svobodova Z.***University of Veterinary and Pharmaceutical Sciences Brno, Faculty of Veterinary Hygiene and Ecology, Department of Animal Protection, Welfare and Behaviour, Brno, Czech Republic, Veterinary Research Institute, Department of Immunology, Brno, Czech Republic*

- P-22** THE EFFECT OF SILVER NANOPARTICLES AND IONS ON ZEBRAFISH EMBRYOS (*DANIO RERIO*)
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University of Veterinary and Pharmaceutical Sciences Brno, Department of Animal Protection, Welfare and Behaviour, Brno, Czech republic
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Vytautas Magnus University, Department of Environmental Sciences, Vileikos 8-223, Kaunas, Lithuania

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Department of Medical Chemistry and Biochemistry and Department of Pharmacology, Faculty of Medicine and Dentistry, Palacký University Olomouc, Czech Republic
- P-25** THE HIGH-FRUCTOSE DIET DIFFERENTLY AFFECTS MICRORNAS EXPRESSION IN LEAN AND OBESE MICE
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Charles University, Faculty of Pharmacy in Hradec Králové, Dept. of Biochemical Sciences, Hradec Králové, Czech Republic
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Vasicek O., Rubanova D., Babinkova P., Fedr R., Svenda J., Kubala L.
Institute of Biophysics, Academy of Sciences of the Czech Republic, v. v. i., Brno, Czech Republic

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- P-28** EFFECT OF NEURAMINIDASE TREATMENT OF LUNG EPITHELIUM ON BINDING OF PSEUDOMONAS AERUGINOSA
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Department of Biochemistry, Faculty of Science, Charles University, Prague, Czech Republic
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- P-31** TYROSINE KINASE INHIBITORS VANDETANIB, LENVATINIB AND CABOZANTINIB MODULATE METABOLISM OF AN ANTICANCER AGENT ELLIPTICINE BY CYTOCHROMES P450
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- P-32** METABOLISM OF A TYROSINE KINASE INHIBITOR VANDETANIB BY HUMAN CYTOCHROMES P450 AND FLAVIN MONOOXYGENASES *IN VITRO* AND ITS EFFECT ON FORMATION OF DNA ADDUCTS GENERATED BY AN ANTICANCER DRUG ELLIPTICINE
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Department of Biochemistry, Faculty of Science, Charles University, Prague 2, Czech Republic
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Department of Medical Chemistry and Biochemistry, Faculty of Medicine and Dentistry, Palacký University Olomouc, Olomouc, Czech Republic
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Centre of Toxicology and Health Safety, National Institute of Public Health, Srobarova 48, 100 42 Prague, Czech Republic
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Hrabínová M., Schmidt M., Jun D., Misík J.
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MILITARY TOXICOLOGY

- P-42** *IN VITRO* CHARACTERIZATION OF ACETYLCHOLINESTERASE REACTIVATORS
Muckova L., Jost P., Pejchal J., Jun D.
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Hamulakova S. , Janovec L. , Hrabnova M. , Kuca K.

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Indra R., Jáková K., Dostálová S., Heger Z., Adam V., Stiborová M.

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Pavelka S.
Institute of Physiology, Department of Radiometry, Czech Academy of Sciences, Prague, Czech Republic
- P-56** CYTOTOXICITY AND ANTI-INFLAMMATORY EFFECT OF CHLOROQUINE AND HYDROXYCHLOROQUINE IN BV-2 MICROGLIAL CELLS: ROLE OF REDOX HOMEOSTASIS CHANGES
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- P-58** MICRORNAS IN DIAGNOSIS AND THE PREVENTION OF DRUG-INDUCED CARDIOTOXICITY
Skála M., Hanoušková B., Skálová L., Matoušková P.
Faculty of Medicine in Hradec Králové, Charles University, Hradec Králové, Czech Republic
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Tvrď V., Karličková J., Hanuščinová L., Mladěnka P.
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Department of Biochemical Sciences, Faculty of Pharmacy in Hradec Králové, Charles University, Czech Republic
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Faculty of Chemical Technology, University of Pardubice, Czech Republic
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Handl J., Čapek J., Majtnerová P., Rousar T.
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P-65 CYTOTOXICITY OF ENDOCRINE DISRUPTORS IN TM3 LEYDIG CELL LINE

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P-66 STUDY OF PROTECTIVE EFFECTS OF ANTIOXIDANTS TARGETING AND NOT TARGETING MITOCHONDRIA

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