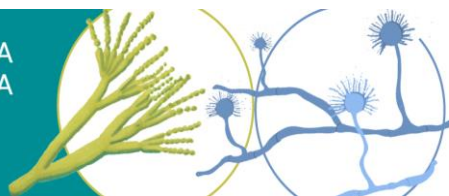


29.06–01.07.
2022
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XIII MIĘDZYNARODOWA
KONFERENCJA NAUKOWA
13th INTERNATIONAL
CONFERENCE



MIKOTOKSYNY I PLEŚNIE
AKTUALNE TRENDY
MYCOTOXINS AND MOULDS
CURRENT TRENDS

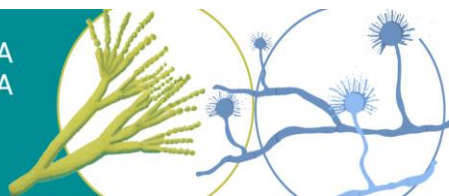
CONFERENCE PROGRAMME

Wednesday
29 June 2022

- 10.00-12.00** **Registration / Coffee break**
- 12.00** **Welcome**
- 12.30-13.00** **(L)* Humpf H.U., Schmidt J., Gerding J., Osteresch B., Cramer B.**
Westfälische Wilhelms-Universität Münster, Institute of Food Chemistry, Münster, Germany
Human Biomonitoring of Mykotoxins: State of the Art and Future Developments
- 13.00-13.30** **(L) * Martins C., Assunção R., Vasco E., Louro H., Silva M.J., Alvito P., Namorado S., Plichta V., Appenzeller B., van Nieuwenhuysse A., Weber T., Kolossa-Gehring M., Viegas S.**
NOVA National School of Public Health, Universidade NOVA de Lisboa, Lisbon, Portugal
Risk assessment of deoxynivalenol in Europe under HBM4EU project
- 13.30-15.00** **Lunch**
- 15.00-15.10** **(S) Zapaśnik A., Bryła M., Waśkiewicz A., Ksieniewicz-Woźniak E.**
Prof. Waclaw Dabrowski Institute of Agriculture and Food Biotechnology State Research Institute, Warsaw, Poland
Analysis of selected foodstuff in context of ochratoxin A and 2'-r-ochratoxin a and dietary risk assessment
- 15.10-15.20** **(S) Uwineza P.A., Urbaniak M., Stępień Ł., Bryła M., Waśkiewicz A.**
Poznan University of Life Sciences, Department of Chemistry, Poznań, Poland
In vitro effect of lemon balm extracts as a natural antifungal agent
- 15.20-15.50** **(L)* Bittner A., Kuchenbuch H., Brückner L., Humpf H.U., Cramer B.**
Westfälische Wilhelms-Universität Münster, Institute of Food Chemistry, Münster, Germany
The Impact of Food Processing on Mycotoxin Exposure
- 15.50-16.10** **(L)* Peczynski K.J., Cramer B., Dietrich S., Humpf H.U., Abraham K., Weikert C.**
Department of Food Safety, German Federal Institute for Risk Assessment (BfR), Berlin, Germany
Multiple mycotoxins in serum and 24-h urine among German vegans and omnivores
- 16.10-16:30** **(L) Bryła M., Stępniewska S., Modrzewska M., Waśkiewicz A., Podolska G., Ksieniewicz-Woźniak E., Yoshinari T., Stępień Ł., Urbaniak M., Roszko M., Gwiazdowski R., Kanabus J., Pierzgalski A.**
Prof. Waclaw Dabrowski Institute of Agricultural and Food Biotechnology-State Research Institute, Department of Food Safety and Chemical Analysis, Warsaw Poland
Dynamics of the biosynthesis of masked deoxynivalenol and nivalenol toxins in plant wheat inoculated by *Fusarium culmorum* in the field conditions – 3 year study (2018-2020)

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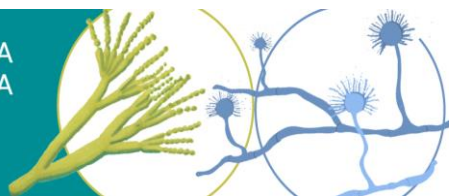
- 16.30-16.45 (L)* Viegas C., Cervantes R., Dias M., Gomes B., Pena P., Carolino E., Twarużek M., Kosicki R., Soszczyńska E., Caetano L.A., Viegas S.**
H&TRC – Health & Technology Research Center, ESTeSL – Escola Superior de Tecnologia e Saúde, Instituto Politécnico de Lisboa Lisbon, Portugal
Occupational exposure to fungi and mycotoxins - Overview of different studies developed in Portugal
- 16.45-17.00 (L)* Dellafiora L.**
Department of Food and Drug, University of Parma, Parma, Italy
A hybrid in silico/in vitro analysis to shed light on the mechanisms of toxicity of fusaric acid
- 17.00-17.15 (D) Vega-Sampedro D., Holm C.**
Foss, Nils Foss Allé 1, Hillerød, Denmark
The potential of an automated solution in corn and wheat six-plex mycotoxin analysis
- 17.15-17.25 Discussion**
- 18:30 Conference Dinner in Maestra Restaurant**

Thursday
30 June 2022

- 10.00-10.20 (L) Jedziniak P.**
National Veterinary Research Institute, Department of Pharmacology and Toxicology, Puławy, Poland
Mycotoxin biomonitoring in animals - a tool for scientists or farmers?
- 10.20-10.30 (S) Korol W., Bielecka G., Rubaj J., Kosicki R., Twarużek M., Grajewski J.**
National Research Institute of Animal Production, National Laboratory for Feedingstuffs, Lublin, Poland
Test results and co-occurrence of mycotoxins in selected feed
- 10.30-10.40 (S) Ksieniewicz-Woźniak E., Bryła M., Michałowska D., Waśkiewicz A., Yoshinari T.**
Prof. Waclaw Dabrowski Institute of Agricultural and Food Biotechnology-State Research Institute, Department of Food Safety and Chemical Analysis, Warsaw, Poland
The impact of the malting process of wheat grain on the content and biotransformations of selected trichothecenes
- 10.40-10.50 (S) Modrzewska M., Bryła M., Błaszczuk L., Stępień Ł., Urbaniak M.**
Prof. Waclaw Dabrowski Institute of Agricultural and Food Biotechnology-State Research Institute, Department of Food Safety and Chemical Analysis, Warsaw Poland
Inhibition of growth of *Fusarium* pathogenic strains and zearalenone biosynthesis by selected *Trichoderma* strains - *in vitro* tests
- 10.50-11.00 (S) Gumowski M., Różański H., Drymel W.**
AdiFeed Sp. z o.o., Warszawa
T2 and HT2 toxins – the root of a problem in egg production
- 11.00-11.20 Discussion**
- 11.20-11.50 Coffee break / Poster session**

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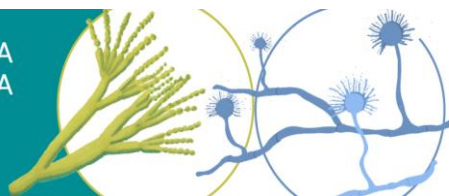


MIKOTOKSYNY I PLEŚNIE
AKTUALNE TRENDY
MYCOTOXINS AND MOULDS
CURRENT TRENDS

- 11.50-12.10 (L) Cieślak A., Szumacher-Strabel M.**
Poznań University of Life Sciences, Faculty of Veterinary Medicine and Animal Science, Department of Animal Nutrition, Poznań, Poland
European green deal - practical cows' nutrition and actual environment protection
- 12.10-12.40 (L)* Penagos-Tabares F., Khiaosa-ard R., Hartinger T., Faas J., Sulyok M., Krska R., Zebeli Q.**
University of Veterinary Medicine, Institute of Animal Nutrition and Functional Plant Compounds, Department for Farm Animals and Veterinary Public Health, Vienna, Austria
Mycotoxin contamination in dairy cow diets and their potential risks for animal health: investigations in Austria
- 12.40-13.00 (L) Chodorowska Z., Janssen S.**
DSM Mycotoxin Product manager EMEA – Animal Nutrition and Health DSM Nutritional Products
Risk assessment of mycotoxins in maize silage for dairy cows in the Netherlands and Poland 2021
- 13.00-13.20 (L) Grajewski J., Kosicki R., Skrzydlewski P., Soszczyńska E., Allyn I., Twarużek M.**
Kazimierz Wielki University, Faculty of Natural Sciences, Institute of Experimental Biology, Department of Physiology and Toxicology, Bydgoszcz, Poland
TMR - mycological and mycotoxicological contamination
- 13.20-13.30 Discussion**
- 13.30-15.00 Lunch**
- 15.00-15.20 (L) Zielonka Ł., Wróbel M., Dąbrowski M.**
University of Warmia and Mazury in Olsztyn, Faculty of Veterinary Medicine, Department of Veterinary Prevention and Feed Hygiene, Olsztyn, Poland
The use of mycotoxin test results in veterinary practice
- 15.20-15.40 (L) Kučerová R., Stryk J., Białoń K.**
FEED EXPERT Sp. z o.o., Poznań
Healthy liver the key to an effective defense against mycotoxins - risks of mycotoxin intoxication in pigs
- 15.40-16.00 (L) Kędzia P.**
BIODOSE Sp. z o.o. Sp. K., Poznań
Commonly used and latest strategies in managing the risk of mycotoxins in animal nutrition
- 16.00-16.10 Discussion**
- 16.10-16.30 Coffee break / Poster session**
- 18:30 Jubilee dinner for the 45th anniversary of work and the 70th birthday of prof. dr hab. inż. Jan Grajewski at the Lloyd Factory**

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Friday
01 July 2022

- 10.00-10.20 (L)* Razzazi-Fazeli E.**
University of Veterinary Medicine, VetCore Facility, Vienna, Austria
History of mass spectrometry in mycotoxin research
- 10.20-10.40 (L)* Ulrich S., Lang K., Niessen L., Baschien C., Kosicki R., Twarużek M., Straubinger R.K., Ebel F.**
LMU Munich, Chair of Bacteriology and Mycology, Department of Veterinary Sciences, Faculty of Veterinary Medicine, Institute for Infectious Diseases and Zoonosis, Munich, Germany
The evolution of the satratoxin and atranone gene clusters of *Stachybotrys chartarum*
- 10.40-10.50 (S) Pierzgalski A., Bryła M., Cramer B., Twarużek M.**
Prof. Waclaw Dabrowski Institute of Agricultural and Food Biotechnology-State Research Institute, Department of Food Safety and Chemical Analysis, Department of Grain Processing and Bakery, Warsaw Poland
Validation of the method for the determination of HT-2 and T-2 toxins and their glucosides in cereal grain and evaluation of the content of these substances in wheat and oat grain samples from polish crops
- 10.50-11.10 Coffee break / Poster session**
- 11.10-11.40 (L)* Viegas S., Martins C., Assunção R., Viegas C.**
NOVA National School of Public Health, Public Health Research Centre, Universidade Nova de Lisboa, Lisbon, Portugal
Occupational exposure to mycotoxins –What climate can change?
- 11.40-12.10 (L)* Assunção R., Martins C., Viegas C., Viegas S.**
IUEM, Instituto Universitário Egas Moniz, Egas Moniz – Cooperativa de Ensino Superior, CRL, Caparica, Portugal
One Health Climate Change: Are Mycotoxins connecting the circle?
- 12.10-12.40 Closing of 13th International Conference “Mycotoxin and moulds – current trends”**
- 12.40 Lunch**

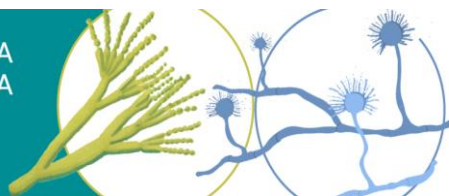
* Interpreted lectures

(L) – lecture

(S) – short presentation

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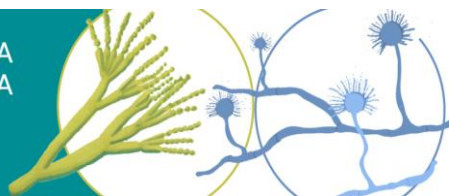
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CURRENT TRENDS

POSTER SESSION

- P1** *Mycotoxins and molds in dietary supplements on the basis green barley*
Ałtyn I. Twarużek M.
Kazimierz Wielki University, Faculty of Biological Sciences, Department of Physiology and Toxicology, Bydgoszcz, Poland
- P2** *Mycological and mycotoxicological evaluation of levels of contamination of dietary supplements on the basis on soy*
Ałtyn I. Twarużek M.
Kazimierz Wielki University, Faculty of Biological Sciences, Department of Physiology and Toxicology, Bydgoszcz, Poland
- P3** *Mycological and mycotoxicological evaluation of levels of contamination in milk thistle (Silybum marianum (L.) Gaertn.)*
Ałtyn I. Twarużek M.
Kazimierz Wielki University, Faculty of Biological Sciences, Department of Physiology and Toxicology, Bydgoszcz, Poland
- P4** *Is bee pollen safe from mycotoxicological perspective?*
Ałtyn I. Twarużek M.
Kazimierz Wielki University, Faculty of Biological Sciences, Department of Physiology and Toxicology, Bydgoszcz, Poland
- P5** *Prevalence of toxicogenic mold and mycotoxins in walnuts in Lithuania*
Baliukonienė V., Liepinis Ž., Jovaišienė J., Falkauskas R., Vaičiulienė G., Gerulis G.
Lithuanian University of Health Sciences, Faculty of Veterinary Medicine, Department of Food Safety and Quality, Kaunas, Lithuania
- P6** *Prevalence of fungi in cow raw milk*
Jovaišienė J., Bakutis B., Varfalamejeva G., Gerulis G., Vaičiulienė G., Falkauskas R., Baliukonienė V.
Department of Food Safety and Quality, Faculty of Veterinary Medicine, Lithuanian University of Health Sciences, Kaunas, Lithuania
- P7** *Occurrence of ochratoxin A in selected spices available in the polish market*
Kanabus J., Bryła M.
Prof. Waclaw Dabrowski Institute of Agricultural and Food Biotechnology - State Research Institute, Department of Food Safety and Chemical Analysis, Warsaw, Poland
- P8** *Lactobacillus bacteria derived from breast milk and their properties*
Łubiech K., Twarużek M.
Kazimierz Wielki University, Faculty of Biological Sciences, Department of Physiology and Toxicology, Bydgoszcz, Poland
- P9** *Risk of molds and mycotoxins in dietary supplements for immunity*
Pilarska G., Twarużek M.
Kazimierz Wielki University, Faculty of Biological Sciences, Department of Physiology and Toxicology, Bydgoszcz, Poland

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- P10** *The presence of zearalenone in urine of milk-feeding women*
Ropejko K., Twarużek M.
Kazimierz Wielki University, Faculty of Biological Sciences, Department of Physiology and Toxicology, Bydgoszcz, Poland
- P11** *Effectiveness of sorbents in binding mycotoxins from feed in in-vitro studies*
Rudawska A., Jedziniak P.
National Veterinary Research Institute Pulawy, Department of Pharmacology and Toxicology, Puławy, Poland
- P12** *Evaluation of ergot alkaloid binding capacity of brewers' yeast cell wall product rich in (1.3)-(1.6)- β -d-glucans and mannans under in vitro gastro-intestinal conditions*
Sobieraj A., Bisesti P., Detavernier C., Van de Velde M., De Saeger S., De Boevre M.
Leiber Sp. z o.o., Krośniewice, Poland
- P13** *Title effects of secondary metabolites from pea on Fusarium growth and mycotoxin biosynthesis*
Perincherry L., Witasza N., Urbaniak M., Waśkiewicz A., **Stępień Ł.**
Institute of Plant Genetics, Polish Academy of Sciences, Plant-Pathogen Interaction Team, Poznań, Poland
- P14** *Long cut length chaff technology in cattle nutrition and its effect on a milk yield*
Cieślak A., Janicki M., Szejner A., Nowak B., Świątłowski J., Skorupka M., Wyrwał B., Puchalska J., Jaworski W., **Szumacher-Strabel M.**
Poznan University of Life Sciences, Institute of Veterinary Medicine and Animal Science, Department of Animal Nutrition, Poznan, Poland
- P15** *Climate awareness of the polish farmers -greenhouse gases emission from livestock production and their impact on climate*
Cieślak A., Szejner A., Nowak B., Świątłowski J., Skorupka M., Wyrwał B., Puchalska J., Jaworski W., **Szumacher-Strabel M.**
Poznan University of Life Sciences, Institute of Veterinary Medicine and Animal Science, Department of Animal Nutrition, Poznan, Poland
- P16** *Occurrence of citrinin in pharmaceutical important herbs*
Toman J., Pickova D., Mečava M., Brandova K., Ostry V., Malir F.
University of Hradec Kralove, Faculty of Science, Department of Biology, Hradec Kralove, Czech Republic
- P17** *Mycotoxins and pesticides in grape musts and pomace from conventional and organic cultivation methods*
Ochmian I., Błaszak M., Kosicki R., **Twarużek M.**
Kazimierz Wielki University, Faculty of Biological Sciences, Department of Physiology and Toxicology, Bydgoszcz, Poland
- P18** *Portuguese groceries: A comprehensive occupational exposure assessment to fungal contamination*
Viegas C., Cervantes R., Gomes B., Moreira S., Dias M., Pena P., Carolino E., Twarużek M., Kosicki R., Soszczyńska E., Caetano L.A., Viegas S.
H&TRC – Health & Technology Research Center, ESTeSL – Escola Superior de Tecnologia e Saúde, Instituto Politécnico de Lisboa, Lisbon, Portugal, NOVA National School of Public Health, Public Health Research Centre, Universidade Nova de Lisboa, Comprehensive Health Research Center (CHRC)