## Table of posters

### DETECTION

**P1 Quantitative determination of the *Fusarium* mycotoxins beauvericin, enniatin A, A1, B and B1 in pig plasma using high performance liquid chromatography-tandem mass spectrometry**

M. Devreese, S. De Baere, A. Osselaere, T. De Mil, N. Broekaert, P. De Backer and S. Croubels

**P2** **Development and validation of an LC-MS/MS method for the simultaneous determination of free and conjugated *Alternaria* toxins in cereal-based foodstuffs**

J. Walravens, H. Mikula Hannes, M. Rychlik, S. Asam, J. Diana Di Mavungu, A. Van Landschoot, L. Vanhaecke and S. De Saeger

**P3 A new approach for the synthesis of stable isotopically labeled fumonisin B1 standards and analysis of fumonisins in food**

D. Bergmann, F. Hübner and H.-U. Humpf

**P4 Rapid and simultaneous detection of aflatoxin B1, deoxynivalenol and zearalenone by lateral flow immunoassay**

S. Song, D. Nie, Z. Han, S. De Saeger and A. Wu

**P5 Quantitative and sensitive analysis of 15 mycotoxins in foodstuffs using isotopically labelled internal standards applied to liquid chromatography electrospray ionisation tandem mass spectrometry (LC-ESI-MS/MS)**

A. Desmarchelier, T. Bessaire and L. Racault

**P6 Rapid biosensor for the detection of mycotoxin in wheat – the MYCOHUNT system**

E. Karacsonyi, A. Wootsch, S. Fazekas, D. Kola, B. Ring, M. Eeckhout, F. Martens, M. Sanders, Y. Guo, S. De Saeger, M. Hedström and J.Jantra

**P7 Comparison of different cell lysis methods and ready-to-use kits for DNA-isolation from vegetative spores of certain food-spoiling moulds**

S. Grube, J. Schönling and A. Prange

**P8 Development and validation of a multi-mycotoxin UHPLC-MS/MS method for the detection of *Fusarium* mycotoxins in eggs and poultry meat**

E. Van Pamel, E. Tangni, E. Delezie, P. Debongnie, A. Callebaut and E. Daeseleire

**P9** **Quantum dot-loaded liposomes for on-site determination of aflatoxin M1 in milk**

N.Beloglazova, P.Shmelin, E. Speranskaya, S. De Saeger and I. Goryacheva

**P10 The use of microflow UHPLC in mycotoxin analysis**

S. Lock

**P11 Development of a stable isotope dilution LC-MS/MS method for the Alternaria toxins Tentoxin, Dihydrotentoxin and Isotentoxin**

Y. Liu and M. Rychlik

**P12 A simple and reliable liquid chromatography-tandem mass spectrometry method for determination of aflatoxin M1 in milk**

A. Biancardi, R. Piro, C. Dall’Asta and G. Galaverna

**P13 The effect of spiking time on aflatoxin recovery**

D. Theodosis, K. Gray and M. Mazur

**P14 Simple and fast methodology for the determination and identification of multiclass mycotoxins in pseudocereals, spelt and rice samples**

N. Arroyo-Manzanares, J. F. Huertas-Pérez, A. M. García-Campaña and L. Gámiz-Gracia

**P15 Development of rapid dipstick tests for the quantification of Fumonisins, Aflatoxins and Deoxynivalenol in grains**

N. Nivarlet, D. Andrianne, G. Matureli and B. Granier.

**P16 Development of the first quantitative multiplex dipstick for the simultaneous detection of DON and ZON mycotoxins in grains**

N. Nivarlet, D. Andrianne, G. Matureli and B. Granier.

**P17 Determination of the *Alternaria* mycotoxins alternariol and alternariol monomethyl ether in animal plasma using LC-MS/MS**

S. Fraeyman, M. Devreese, N. Broekaert, S. De Baere, P. De Backer and S. Croubels

**P18 High specific determination of *Fusarium* mycotoxins in wheat and maize using online sample preparation - high resolution mass spectrometry coupling**

L. Hollosi, E. Ates and M. Godula

**P19 Development of a *Botrytis* specific immunosensor towards using PCR species identification**

M. Binder, L. Terry and I. Tothill

**P20 Opportunities and drawbacks of micro LC-MS/MS for the use in multi-mycotoxin analysis**

J. Gerding, F. Hübner, B. Cramer and H.-U. Humpf

**P21 Determination of masked mycotoxin derivatives and metabolites of deoxynivalenol in plasma and cell culture media using LC-MS/MS**

N. Broekaert, M. Devreese, T. De Mil, A. Osselaere, S. Fraeyman, S. De Saeger and S. Croubels

**P22 Metabolome annotation of *Fusarium graminearum* using stable isotopic labelling and LC-HRMS**

C. Bueschl, B. Kluger, S. Boedi, N. Neumann, J. Strauss and R. Schuhmacher

**P23 Could multiplex assays replace single analyte assays: a membrane-based flow-through assay for simultaneous screening of six mycotoxins in food and feed: achievements, challenges and perspectives**

E. Njumbe Ediage, Y. Guo, I. Goryacheva and S. De Saeger

**P24 Development and validation of a QuEChERS based liquid chromatography tandem mass spectrometry method for the determination of multiple mycotoxins in spices**

P. Yogendrarajah, C. Van Poucke, B. De Meulenaer and S. De Saeger

**P25 Catching toxins with peptides: a preliminary study for OTA complexation**A. Tonelli, C. Dall’Asta, T. Tedeschi and G. Galaverna

**P26 Chlorophyll fluorescence and hyperspectral imaging detect fungal diseases on cereals within distinct time frames**

E. Bauriegel, A. Giebel, C. Idler and W. Herppich

**P27 Analysis of mycotoxins in complex matrices by enzyme immunoassays**

G. Rosar, L. Persic, F. Gon, B. Puppini, V. Bassani and F. Diana

**P28 Automated highly sensitive method for Aflatoxin B/G or Ochratoxin A clean-up and analysis – A novel approach in mycotoxin analysis**

F. Wuppermann and U. Aulwurm.

**P29 The development of monoclonal antibodies against Deoxynivalenol**

M. Sanders, Y. Guo, A. Galvita, A. Heyerick, D. Deforce, M. Risseeuw, S. Van Calenbergh, S. Eremin, A. Madder, M. Hedström, B. Mattiasson and S. De Saeger

**P30 Quantification of mycotoxins in matrices with high sugar content by LC-MS/MS after liquid/liquid extraction**

P. Kössler andP. Karlovsky

**P31 The use of ultra-performance convergence chromatography – tandem mass spectrometry (UPC2-MS/MS) in mycotoxin analysis**

C. Van Poucke and S. De Saeger

**P32 PCR-based detection of Aflatoxin-producing fungi in stored food products**

Malik M. Ahmad, M. Ahmad, A. Ali, S. Javed and M. Z. Abdin

**P33 Advances in analytical capability for the trace level detection of   
mycotoxin contamination in animal feedingstuffs**

S. Stead, D. Roberts, A. Gledhill, C. van Poucke, S. De Saeger and T. de Rijk

**P34 Synthesis of multicolored labels based on CdSe quantum dots for immunochemical mycotoxin detection**

V. Goftman, E. Speranskaya, S. De Saeger, Z. Hens and I. Goryacheva

**P35 Simultaneous determination of deoxynivalenol, zearalenone and their metabolites in bovine urine**

J. Winkler, U. Brezina, H. Valenta, S. Kersten, U. Engelhardt and S. Dänicke

**P36 A comparison of the ELISA and the HPLC analysis of ochratoxin A in human blood serum in the Czech Republic**

V. Dohnal, V. Dvorak, F. Malir, V. Ostry and T. Roubal

**P37 Determination of mycotoxins with RP HPLC in combination with Myco6in1TM immunoaffinity columns**

L. Aldo and G. De Baecke

**P38 Effect of alkaline-cooking process on the content of fumonisins and relevant hydrolysis products in maize**

A. De Girolamo, R. Schena, M. Pascale and A. Visconti

**P39** **A new approach for the extraction of multiclass mycotoxins in dried fruits and their monitoring by UHPLC-MS/MS**

N. Arroyo-Manzanares, J. Huertas-Pérez, L. Gámiz-Gracia and A. García-Campaña

**P40 Studies on PR-toxin from *Penicillium roqueforti* cultures for the preparation of an analytical reference standard**

G. Häubl, R. Labuda, B. Klösch and Z. Barborakova

**P41 Lateral flow devices for the semi-quantitative detection of the mycotoxin Zearalenone in corn by using “green extraction”**

J. Mayer and B. Cvak

**P42 Analysis of total ergot alkaloid amount in various crop samples   
by ELISA**

F. Wuppermann and U. Aulwurm

**P43 Simultaneous determination of total Aflatoxin, Ochratoxin A and Zearalenone using AO ZON PREP® in conjunction with HPLC**

R. Lekh, M. Gallagher, C. Milligan and W. Luebbe

**P44 Mycotoxin calibrants - an underestimated source of systematic errors?**

M. Kujawski and J. Stroka

### PRODUCTION AND OCCURRENCE

**P45 Multiresidue mycotoxin analysis of conventional and organic agriculture commodities by UPLC-MS/MS**

M. Bolechová, P. Kosubová and M. Pospíchalová

**P46 Total synthesis of AOH- and AME-beta-D-glucosides**

P. Skrinjar, H. Mikula, C. Hametner and J. Fröhlich

**P47 Contamination of Zearalenone in animal feeds distributed in South Korea**

W.-H. Do, W.-S. Nam, I.-H. Lee, D.-H. Kim and C. Lee

**P48 Synthesis of Zearalenone-14-beta-diglucoside**

J. Weber, P. Fruhmann, H. Mikula, C. Hametner and J. Fröhlich

**P49 Mycotoxicological evaluation of barley and its products**

A. Błajet-Kosicka, M. Twarużek, J. Grajewski, R. Kosicki and K. Zatorska

**P50 Mycotoxins contamination of food in Thailand (2000-2010): Food safety concerns for the world food exporter**

P. Songsermsakul

**P51 Influence of climatic factors to the occurrence of *Fusarium* species and mycotoxins in wheat in Schleswig-Holstein**

T. Birr, J. Knott and J.-A. Verreet

**P52 Survey of fusarium mycotoxins in grain and straw from Swedish pig farms**

E. Nordkvist and P. Häggblom

**P53 Distribution and toxigenicity of *Aspergillus* section *Flavi* in spices marketed in Morocco**

A. El Mahgubi, O. Puel, S. Bailly, S. Tadrist, A. Querin, A. Ouadia, I. Oswald and J. Bailly

**P54 Contamination level of *Fusarium* Mycotoxins, Fumonisin B1 and B2, in animal compound feeds and feed ingredients in South Korea**

I.-H. Lee, W.-S. Nam, W.-H. Do, D.-H. Kim and C. Lee

**P55 Ochratoxin A – a risk in the supply chain of cereals**

S. Staiger and S. Biselli

**P56 Worldwide occurrence of mycotoxins in feeds and ingredients in the year 2012**

K. Naehrer and C. Schwab-Andics

**P57 Behaviour of mycotoxins during food processing**

C. Schwake-Anduschus, E. Sciurba, K. Muenzing, R. Maul and M. Lindhauer

**P58 Ochratoxin A analyses in edible offal and black sausages marketed in Belgium reveal only a small contribution to the total daily intake**

E. Tangni, I. Louviau and A. Ralison

**P59 Incidence of mycotoxigenic fungi in wheat and maize from organic and conventional farming**

I. Lazzaro, P. Battilani, C. Brera, P. Giorni, A. Moretti and F. Smaia

**P60 The ability of cassava to inhibit Aflatoxin synthesis explains the absence of Aflatoxin contamination despite the presence of *Aspergillus flavus***

Y. Adjovi, S. Bailly, B. Gnonlonfin, S. Tadrist, A. Querin, A. Sanni, I. Oswald, O. Puel and J. Bailly

**P61 Diversity of *Alternaria* spp. from wheat by β-tubulin and glyceraldehyde-3-phosphate dehydrogenase gene sequencing and related mycotoxin production**

M. Amatulli, S. Somma, J. Walravens, J. Diana Di Mavungu, L. Vanhaecke, S. De Saeger, A. Logrieco and A. Moretti

**P62 Assessment of mycotoxin exposure in the Belgian population using biomarkers**

E. Heyndrickx, I. Sioen, J. Diana Di Mavungu, A. Callebaut, S. De Henauw and S. De Saeger

**P63 Recent occurrence of ochratoxin A in foodstuffs of plant and animal origin in Czech Republic - a preliminary results of a new research project**

V. Ostry, J. Skarkova, F. Malir and J. Ruprich

**P64 Gliotoxin producing isolates of *Aspergillus fumigatus* var. *ellipticus* distinguished by means of restriction fragment analysis**

E. Van Pamel, G. Vlaemynck, N. De Clercq, M. Heyndrickx, A. Verbeken and E. Daeseleire

**P65 Contamination of fresh and ensiled maize silage by mycotoxins and mycotoxicogenic fungi**

J. Jovaišienė, B. Bakutis, V. Baliukonienė, A. Kačergius and G. Gerulis

**P66 Study on analytical methodology and *in vivo* kinetics of the typical mycotoxins in traditional Chinese medicines**

Z. Han, A. Wu, S. De Saeger and Y. Wu

**P67 Validation of a multiplex microsphere immunoassay for mycotoxins in barley and confirmation of results for global beer samples**

J. Peters, A. Cardall, R. van Dam, D. Katerere, R. van Doorn, W. Haasnoot, H. Zuilhofand M. Nielen

**P68 Study of D3G occurrence in greenhouse experiment**

A. Dall’Erta, M. Cirlini, P. Lancioni, A. Massi, G. Galaverna and C. Dall’Asta

**P69 Occurrence of *fusarium* mycotoxin, Deoxynivalenol, in animal feeds in South Korea**

W.-S. Nam, W.-H. Do, I.-H. Lee, D.-H. Kim and C. Lee

**P70 Alternaria toxins – background and analytics**

T. Zwickel, H. Klaffke and C. Fauhl-Hassek

**P71 Phytotoxin production by *Cochliobolus miyabeanus,* the causal agent of brown spot disease on rice**

L. De Bruyne, C. Van Poucke, J. Diana Di Mavungu, L. Vanhaecke, D. De Vleesschauwer, S. De Saeger and M. Höfte

**P72 A limited survey of mycotoxins in malted maize and traditional maize based opaque beers in Malawi**

L. Matumba, C. Van Poucke, M. Monjerezi, T. Biswick, J. Mwatseteza and S. De Saeger

**P73 Occurrence of toxigenic fungi, aflatoxins and ochratoxin A in wheat, rice, dried fruits, and spices commercialized in Algeria**

1. Riba, A. Matmoura, N. Azoune, S. Mokrane, F. Mathieu and N. Sabaou

**P74 French survey of occupational exposure to mycotoxins: biomarkers and airborne contamination measurements**

S. Ndaw, F. Denis and A. Robert

**P75 Mycotoxins of endophytic *Fusarium mangiferae* and *F. pallidoroseum* from betel leaves (*Piper betle* L.)**

A. Thirumalai, R. Dastjerdi, K. Döll, A. Venkatachalam, P. Karlovsky and T. Suryanarayanan

**P76 Total synthesis of phase I metabolites of Alternariol (AOH) and Alternariol-9-methyl ether (AME)**

D. Ellmer, H. Mikula, C. Hametner, C. Tiessen, H. Gehrke, D. Marko and J. Fröhlich

**P77 Fungi and its mycotoxins on organic winter rye after artificial infection by *Fusarium* spp.**

E. Solarska and M. Marzec

**P78 Mycological profile of mouldy pineapple from Czech retail**

V. Ostry, R. Kavrik, F. Malir and J. Ruprich

**P79 Impact of cultivation and fertilization on mycotoxins occurrence in winter wheat**

E. Solarska and E. Potocka

**P80 How do *Fusarium verticillioides* and *Fusarium graminearum* interact when grown on artificial media and maize cobs?**

F. Ellner

**P81 *Fusarium* species and mycotoxins in weed plants**

Raana Dastjerdi, Katharina Döll, Bärbel Gerowitt, Horst-Henning Steinmann, Petr Karlovsky

### IMPACT ON ANIMAL AND HUMAN HEALTH

**P82 Detection of moulds in patients with chronic rhinosinusitis**

M. Twarużek, J. Grajewski, P. Winiarski, A. Zwierz and E. Soszczyńska

**P83 The impact of zearalenone on cattle reproduction system in a Romanian farm**

A. Macri, R. Pop, A. Szakacs, S. Matei and M. Morar

P84 Effect of increasing concentrations of deoxynivalenol (DON) in diet of adult roosters on blood haematology, plasma clinical-chemical parameters and nutrient digestibility

M. Ebrahem, S. Kersten and S. Dänicke

**P85 Quantitative assessment of risk associated with dietary intake of mycotoxin ochratoxin A on the adult inhabitants in Shanghai city of P.R. China**

Z. Han, A. Wu and S. De Saeger

P86 *In vivo* evaluation of inorganic and organic anti-mycotoxin additives and their blends in growing broilers

O. Akinde, A. Fatufe and O. Olasemi

P87 The ability of different *in vitro* Aflatoxin binding methods to predict the in vivo effectiveness of clay binders in broiler diets with high levels of Aflatoxin B1

A.-K. Ludger and Y. Han

P88 Serum clinical biochemistry of broilers fed Deoxynivalenol and counteracting agent

K. Ghareeb, W. Awadand J. Böhm

P89 Cyclopiazonic acid: toxic effects in broilers and the role of oxidative and nitrosative stress

P. Akbari, H. Malekinejad and J. Fink-Gremmels

**P90 Efficacy of a hydrated sodium calcium aluminosilicate to reduce aflatoxin residues in liver and kidney of broiler chicks fed aflatoxin B1**

D. Neeff, D. Ledoux, G. Rottinghaus, A. Dakovic, K. Bordin and C. Oliveira

P91 Development of an animal model for assessing the toxicity of fumonisin derivates

V. Nagl, H. Schwartz, C. Mair, E. Varga, V. Slavik, R. Krska and F. Berthiller

P92 Correlating specific and unspecific parameters for efficacy testing of mycotoxin detoxifying agents using deoxynivalenol in turkey poults

M. Devreese, S. Croubels, G. Girgis, S.-T. Tran, S. De Baere, P. De Backer and T. Smith

**P93 Deoxynivalenol impairs proximal intestinal barrier in broiler chickens, but addition of an adsorbing agent shifts the effects to more distal**

A. Osselaere, R. Santos, V. Hautekiet, P. De Backer, K. Chiers, R. Ducatelle and S. Croubels

**P94 Study on the mechanism of sperm damage in balb/C mice exposed to Deoxynivalenol**

J. Yang and Z. Zhao

**P95 Characterization of *in vitro* intestinalabsorption of veterinary drugs and coccidiostats in the presence of mycotoxin detoxifiers using a porcine intestinal epithelial cell line**

T. De Mil, M. Devreese, A. Osselaere, E. Verbrugghe, J. Goossens, F. Pasmans, P. De Backer and S. Croubels

**P96 Evaluation of 2 commercial products to counteract the effects of T-2 toxin on lesions and on performance in broilers**

1. Thys, R. Mombaerts, A. Goderis, K. Vandemierop and E. Arron

**P97 Dose response study based *in vitro* selection of an adsorbent capable to alleviate the negative *in vivo* effects of zearalenone in female weaned piglets**

B. Vennekens, E. Schoeters, A. Teunckens, T. Vanderborght and S. Van Dyck

**P98 Effects of microorganism-mycotoxins co-contamination in the pig intestinal innate immune response: an *in vitro* study**

G. Pistol, D. Marin and I. Taranu

**P99 Impact of deoxynivalenol on oral bioavailability of fumonisins in broilers**

G. Antonissen, F. Van Immerseel, F. Pasmans, R. Ducatelle, M. Devreese, S. De Baere, F. Haesebrouck, M. Eeckhout, S. De Saeger, S. Hessenberger, A. Martel and S. Croubels

**P100 Effects of T-2 toxin on the interaction between chicken macrophages and *Aspergillus fumigatus* conidia**

S.-J. Li, F. Pasmans, S. Croubels, E. Verbrugghe, L. Van Waeyenberghe, Z. Yang, F. Haesebrouck and A. Martel

**P101 Mycotoxin contamination in commercial parakeet feeds**

S.-J. Li, E. Njumbe Ediage, S. De Saeger, L. Van Waeyenberghe, A. Garmyn, M. Verlinden, R. Ducatelle, S. Croubels, F. Haesebrouck, F. Pasmans and A. Martel

**P102 Study of *in vivo* efficacy of cholestyramine as mycotoxin binder**

J. Geys, E. Tangni and P. Debongnie

**P103 Immunochemical analysis of fumigaclavine A in avian respiratory system tissue and in blood of falcons with clinical aspergillosis**

M. Gross, H. Latif, D. Fischer, M. Lierz, L. Van Waeyenberghe, A. Martel and E. Usleber

**P104 Is mycotoxin contaminated-pet food responsible of reduced fertility and stillbirth?**

K. Hadjeba-Medjdoub, V. Faucet-Marquis, M. Monje, V. Dohnal, I. Polisenska and A. Pfohl-Leszkowicz

**P105 *Fusarium* mycotoxins content in feed and digestive tract of wild boars hunted in forests and corn field areas**

J. Pałubicki, M. Twarużek, A. Błajet-Kosicka, R. Kosicki and J. Grajewski

P106 Ochratoxin A Residues in chicken tissues in experimental ochratoxicosis

M. Khan, M. Hameed, A. Khan, M. Saleemi and S. Rafique

### REDUCTION AND PREVENTION

**P107 Field study to identify frequently used mycotoxin detoxifiers in Belgium**

T. De Mil, M. Eeckhout, P. De Backerand S. Croubels

**P108 Degradation of fumonisins by microorganisms in moist corn grain silages**

C. Martinez-Tuppia, C. Barreau, F. Forget, D. Henri and J.-M. Savoie

**P108 Protein expression of two ergot alkaloid degrading enzymes in *Pichia pastoris* and *Escherichia coli***

J. Panhölzl, M. Thamhesl, H. Schwartz, G. Schatzmayr and W.-D. Moll

**P110 Development of microbial formulation against mycotoxigenic fungi**

Malik M. Ahmad, M. Ahmad, R. Hamid, M. Z. Abdin and S. Javed

**P111 Role of essential oils in the reduction of Aflatoxin B1 in maize grain**

Y. Yuan, J. Nimal Selvaraj, F. Xing and Y. Liu

**P112 The influence of NaHCO3 on thermal reduction of aflatoxins, fumonisins, deoxynivalenol, nivalenol and zearalenone in maize flour during baking**

L. Matumba, C. Van Poucke, M. Monjerezi, T. Biswick, J. Mwatseteza and S. De Saeger

**P113 In vitro antifungal activities of essential oil from Nigerian medicinal plants against toxigenic *Aspergillus flavus***

Y. Jeff-Agboola, A. Onifade, B. Akinyele and I. Osho

**P114 Effect of DON and DOM-1 on nitric oxide and cytokine production of stimulated and non-stimulated murine macrophages**

N. Schauerhuber, S. Hessenberger, E. Mayer, J. Panhölzl and G. Schatzmayr

**P115 Effect of deoxynivalenol and de-epoxy-deoxynivalenol on albumin production by HepG2 cells**

A. Springler, S. Hessenberger, E. Mayer and G. Schatzmayr

**P116 Effects of increasing concentrations of sodium sulfite on deoxynivalenol concentrations of maize meal and maize kernels preserved with propionic acid at various moisture contents**

M. Paulick, I. Rempe, S. Kersten, D. Schatzmayr and S. Dänicke

### TOXICOLOGY

**P117 Different mechanisms of damaging DNA by Altertoxin II**

C. Tiessen, K. Jarolim, A. Schröter, C. Schwarz, S. Bächler and D. Marko

**P118 Cytotoxicity of grain, their by-products and feed contaminated with *Penicillium* spp.**

V. Baliukoniene, B. Bakutis, A. Lugauskas, J. Jovaisiene and G. Gerulis

**P119 Structure relationship of enniatin analogues, H, I and MK1688 in cytotoxic activity against human prostate cancer cells**

H.-S. Lee, S.-H. Kim, Y. Noh, C. PhatandC. Lee

**P120 Toxicity of the mycotoxin citrinin and its metabolite dihydrocitrinone**

W. Föllmann, C. Behm and G. Degen

P121 Molecular and physiological characterisation of a *lds1* mutant of *Fusarium verticillioides*

V. Scala, M. Reverberi, E. Camera,C.Dall’Asta,M.Cirlini, P. Giorni, R. Gregori, P. Battilani and C. Fanelli

**P122 A yeast-based chemogenomic approach to explore cellular effects of deoxynivalenol toxicity**

Z. Jandric, G. Adam and C. Schüller

**P123 S-methyl-DON: synthesis, structure, determination and toxicity tests of a novel mycotoxin conjugate**

T. Weigl-Pollack, P. Fruhmann, H. Mikula, C. Hametner, G. Wiesenberger, E. Varga, F. Berthiller, R. Krska, J. Fröhlich and G. Adam

**P124 Alternariol and Altertoxin II act as possible inducers of the AhR pathway**

C. Tiessen, C. Schwarz, N. Kahle, G. Pahlke and D. Marko

P125 *In vitro* toxicity and intestinal permeability across Caco-2 cells of the masked mycotoxin deoxynivalenol-3-glucoside

A. Nathanail, M. Jonsson, M. Jestoi and K. Peltonen

**P126 Inhibition of catechol-*O*-methyltransferase by genotoxic catechol metabolites of zearalenone**

E. Pfeiffer, S. Fleck, D. Wefers, A. Hildebrand and M. Metzler

**P127 Comparative effects of aflatoxin B1 on two types of porcine cells**

D. Marin, G. Pistol, M. Stancu and I. Taranu

**P128 Gene expression analyses of the impact of zearalenone on intestinal porcine epithelial cells (IPEC-1) *in vitro***

I. Taranu,D. Marin and C. Braicu

**P129 Deoxynivalenol affects the composition of the basement membrane proteins and influences en route the migration of CD16-positive cells**

C. Nossol, A.-K. Diesing, S. Kersten, S. Kahlert, J. Kluess, R. Hartig, S. Dänicke and H.-J. Rothkött