欧盟地平线2020计划

EU Horizon 2020

MyToolBox项目2019年年会
暨中欧真菌毒素防控技术研讨会

MyToolBox Stakeholder Workshop
Strategies for Effective Mycotoxin Management

会议手册
Event Guide

主办单位
Host

MyToolBox
THE SMART WAY TO TACKLE MYCOTOXINS

ASAG
国家粮食和物资储备局科学研究院
Academy of National Food and Strategic Reserves Administration

协办单位
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InfoEX World Services Ltd.
北京讯息展信息技术有限公司
InfoEX-Technology & Services Beijing Ltd.

2019年4月16-17日 | 中国 · 北京亮马河大厦

April 16-17, 2019 | Beijing Landmarks Tower, China

中欧真菌毒素防控技术研讨会

此次会议将由MyToolBox项目组与国家粮食和物资储备局科学研究院主办，Romer Labs集团协办，邀请MyToolBox项目所有中欧合作者以及中国食品、粮食和饲料行业的政府和企业代表共同出席。会议将通报MyToolBox项目目前所取得的科研和应用成果，并与中国食品、粮食和饲料行业代表共同交流真菌毒素管理的有效策略。

MyToolBox Stakeholder Workshop

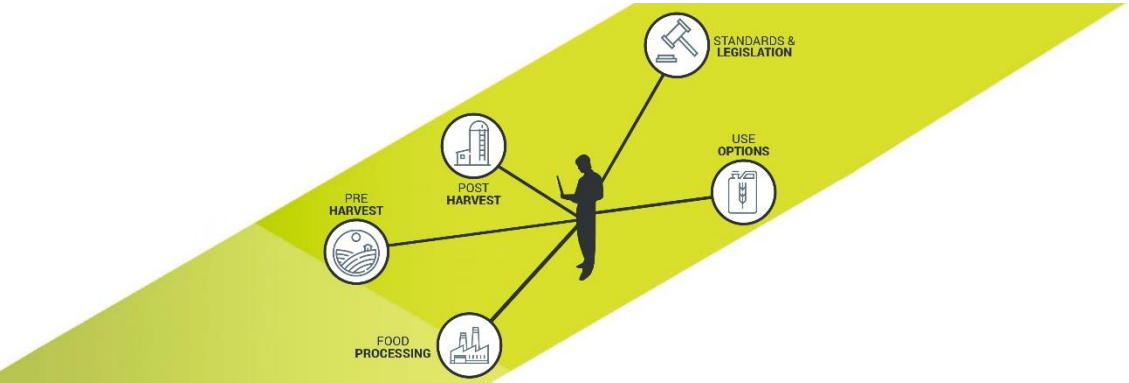
Strategies for effective mycotoxin management

The workshop will be a combination of presentations and training sessions and will focus on:

- Application and efficacy of atoxigenic Aspergillus strains
- Functionality of in-field forecasting models
- Cost-effective sampling plans and analytical techniques
- Biological models, sensors and decision supporting tools for cereals
- Innovative Milling and Thermal Processing
- Bioethanol and Biogas production
- Interactive presentation of the newly developed MyToolBox e-Platform

As part of the MyToolBox long-term collaboration strategy with China, the workshop will contribute to a dialogue platform between China and the EU to provide building-blocks for further dialogue across a wider range of food safety topics.

During these two days, Chinese and EU speakers will present and discuss, to ensure knowledge exchange and share experiences. Therefore, simultaneous translation will be guaranteed.



MyToolBox`

MyToolBox项目由欧盟“地平线2020计划”支持，共有来自11个国家的23个顶尖的大学、研究院所和企业（包括3家中国科研机构）共同参加，代表了目前世界真菌毒素防控最高水平的研究。项目整体目标是通过早期干预、科学管理和有效去除等方式，开发并建立一整套显著降低真菌和真菌毒素污染的完整的技术体系，减少粮食作物因受真菌毒素污染而造成的巨大损失。MyToolBox项目基于对整个产业链（土壤-农田-作物-食品加工废弃物管理-能源转化）的考虑，通过安全、科学、经济的方法，实现食品与饲料的可持续且最大化利用。MyToolBox项目研究内容包括阐述从真菌感染到其导致的真菌毒素污染全过程、产前真菌毒素污染风险预警模型、产后仓储安全参数实时监测技术、真菌毒素超标粮食作物的安全转化利用、以及真菌毒素综合管理系统等。

在中国和欧盟的食品和饲料透明供应链的建立过程中，MyToolBox项目将持续产生影响力。MyToolBox项目将在真菌毒素管理的专业领域交流信息并分享经验。作为与中国长期合作战略的一部分，MyToolBox项目将建立一个欧盟-中国-真菌毒素论坛，作为中欧双边的对话平台，更广泛地为中欧食品安全对话提供支持。通过MyToolBox项目建立的中欧伙伴关系将有助于为进口到中国和出口到欧盟的食品与饲料创建透明的供应链，并将对中国和欧盟的食品安全和消费者信心产生深远的影响。

MyToolBox

MyToolBox mobilises a multi-actor partnership (academia, farmers, technology SMEs, food industry and policy stakeholders) to develop novel interventions aimed at achieving a 20-90% reduction in crop losses due to fungal and mycotoxin contamination. MyToolBox not only pursues a field-to-fork approach but also considers safe use options of contaminated batches, such as the efficient production of biofuels. A major component of MyToolBox, which also distinguishes this project from previous efforts in the area mycotoxin reduction, is to provide the recommended measures to the end users along the food and feed chain in a web-based Toolbox. Cutting-edge research resulted in new interventions, which have been integrated together with existing measures in the Toolbox that guides the end user as to the most effective measure(s) to be taken to reduce crop losses. We focus on small grain cereals, maize, peanuts and dried figs, applicable to agricultural conditions in EU and China. Crop losses using existing practices are compared with crop losses after novel pre-harvest interventions including investigation of genetic resistance to fungal infection, cultural control, the use of novel biopesticides (organic-farming compliant), competitive biocontrol treatment and development of forecasting models to predict mycotoxin contamination. Research into post-harvest measures including real-time monitoring during storage, innovative sorting of crops using vision-technology and novel milling technology enables cereals with higher mycotoxin levels to be processed without breaching regulatory limits in finished products. Research into the effects of baking on mycotoxin levels provides better understanding of process factors used in mycotoxin risk assessment. Involvement of leading institutions from China are aimed at establishing a sustainable cooperation in mycotoxin research between the EU and China.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 678012, National Key Research and Development Program of China (Grant No. 2016YFE0113300), Fundamental Research Funds for the Central Public Welfare Research Institutes (Grant No.1610382017017).

MyToolBox
THE SMART WAY TO TACKLE MYCOTOXINS
www.mytoolbox.eu

国家粮食和物资储备局科学研究院

国家粮食和物资储备局科学研究院是国家粮食和物资储备局直属的中央级公益性科研机构，始建于1957年。院内设有粮食储运、质量安全、品质营养、粮油加工和产业经济等5个研究所，粮油质量检验测试中心、中心实验室和粮食科技成果转化中心等3个中心，国贸工程设计院、东方孚德技术发展中心、国粮物业管理有限公司和清苑科技示范库等4个院属企业，以及粮食储运国家工程实验室等6个国家和部门级平台。

全院现有在职职工634人，其中科技人员463人，科技人员中具有高级职称和博士学位的占52%。科研设备2000余台套，总价值约1.5亿余元。近年来，在研课题近200项，制修订国家及行业标准110余项，授权标准物质30余项，获得国家及省部级奖励100余项，其中“粮食储备‘四合一’新技术研究开发与集成创新”项目荣获2010年国家科学技术进步一等奖。300多个项目成果在200余家企业落地，签约金额近亿元，为粮食行业发展提供了有力技术支撑。

ASAG

Academy of National Food and Strategic Reserves Administration

Academy of National Food and Strategic Reserves Administration (Former Name: Academy of State Administration of Grain , ab. ASAG) is the non-profit research institution on post-harvest research and service, directly under the National Food and Strategic Reserves Administration of China, which was founded in 1957.

ASAG was built within 5 institutes and 3 centers including grain storage and transportation, grain safety technology, quality and nutrition, grain & oil processing technology and techno-economics and development strategy of grain industry; and grain & oil quality inspection center, central research laboratory and achievement transformation center, and four institute-affiliated enterprises such as Guomao Engineering Design Institute , the Oriental Food Technology Development Center, the State Grain Property Management Science and Technology Demonstration Warehouse, and National Engineering Laboratory of Grain Storage and Transportation, etc. 6 national and departmental platforms.

There are 634 employees in the academy, included 463 scientific and technological researchers, 52% of whom have senior titles and doctoral degrees. The academy possesses more than 2000 sets of scientific research equipment, with a total value of about 150 million yuan. In recent years, nearly 200 research projects have been carried out, more than 110 national and industrial standards have been established and revised, more than 30 certified reference materials have been authorized, and more than 100 national, provincial and ministerial awards have been awarded, among which ‘Research and Development and Integration of Four Technics Syncretism for Grain Reserve’ had won the First Prize of ‘National Science and Technology Progress Award’ of China in 2010. More than 300 projects achievements have been applied by more than 200 enterprises with a contracted amount of nearly 100 million yuan, our academy has provided strong technical supports for the development for the grain industry.

ASAG

Romer Labs®

Romer Labs公司于1982年成立于美国密苏里州的华盛顿。在经过30多年的发展之后，Romer Labs公司目前已经在世界三个大洲的8个国家（美国、奥地利、乌克兰、新加坡、巴西、中国、英国和马来西亚）设立了分公司，并在60多个国家设立了分销机构。

Romer Labs 为广大客户提供多种检测方案，用于检测真菌毒素、食品过敏原、食源性致病菌、GMO转基因、兽药残留与其他食品污染物。 产品包括:

-ELISA试剂盒检测 - AgraQuant®

-试纸条检测 - AgraStrip® 与 RapidChek®

-标准物质 - Biopure™

-净化柱 - MycoSep®, MultiSep®, MycoSpin®, StarLine™

-取样研磨机

Romer Labs 在奥地利、英国、新加坡与美国分别设有4家认证检测服务实验室。实验室采用尖端技术，可进行色谱分析与免疫检测。

Romer Labs 站在诊断技术的前沿，将不断拓展产品与服务，以满足客户的多种需求。Romer Labs 公司的目标是向公众提供高科技、高质量的检测产品和服务，以完成我们的使命——让全世界的食品更安全！

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Romer Labs®

Founded in Washington, MO, in 1982, we became over the years a leading provider of diagnostic solutions for the agricultural, food and feed industry. At present, Romer Labs has established branches in 8 countries across 3 continents (USA, Austria, Ukraine, Singapore, Brazil, China, UK, and Malaysia). The distributors of Romer Labs have covered more than 60 countries all around the world.

Today, Romer Labs offers a broad range of innovative diagnostic solutions covering mycotoxins, food pathogens, food allergens, gluten, GMO, veterinary drug residues, and other food contaminants.

Our portfolio includes:
ELISA test kits - AgraQuant®
Lateral flow devices - AgraStrip® and RapidChek®
Fluorometric tests - FluoroQuant®
Reference materials - Biopure™
Cleanup Columns - MycoSep®, MultiSep®, MycoSpin®, StarLine™
Sampling mills

Furthermore, we operate 4 accredited, full-service laboratories in Austria, UK, US and Singapore. Using cutting-edge technology in the fields of chromatography and immunological analysis, our labs offer services for the analysis of mycotoxins, food allergens, meat speciation, VDR and GMO.

Romer Labs is at the forefront of diagnostic technology and we are constantly expanding our product and service portfolio to meet your continuously evolving demands.

Our key objective at Romer Labs is to provide scientifically sound, high-quality products and an exceptional service, in line with our mission – Making the World's Food Safer®.

4月16日 会议日程

	演讲题目	演讲者	单位
09:00	欢迎致辞	翟江临 院长	国家粮食和物资储备局科学研究院
	致辞	雷风云 副司长	科技部国际合作司
	致辞	Rudolf Krska 教授	奥地利维也纳自然资源与生命科学大学
	致辞	谢建中 主席	欧盟中国经济文化委员会
09:40	MyToolBox项目介绍	Rudolf Krska 教授	奥地利维也纳自然资源与生命科学大学
10:10	**茶歇**		
10:30	中国食品真菌毒素监测研究	杨大进 主任	国家食品安全风险评估中心
11:00	**生物控制剂：**不产毒黄曲霉菌株的应用及效果研究	中方：刘阳 研究员	中国农业科学院农产品加工研究所
		欧方: Ferenc Bagi 教授	塞尔维亚诺维萨德大学
11:30	呕吐毒素污染小麦的利用技术研究	孙长坡 院长助理	国家粮食和物资储备局科学研究院
11:50	**预测：**产前预测模型与演示	欧方: 刘程 研究员	荷兰瓦赫宁根大学
12:20	**午餐**		
13:45	**取样与分析** 经济有效的取样计划	欧方：Marlous Focker 博士	荷兰瓦赫宁根大学
	取样与分析 真菌毒素分析技术	欧方：Monique de Nijs 教授	
	取样与分析 粮食中真菌毒素的监测技术	中方：王松雪 所长	国家粮食和物资储备局科学研究院
14:30	真菌毒素检测的应用与挑战	张大伟 资深经理	Romer Labs中国
15:00	乳品原料中真菌毒素的研究与防控	黄小平 副总经理	内蒙古伊利实业集团股份有限公司
15:30	规模化牧场真菌毒素的防控	杨维 主任	现代牧业（集团）有限公司
16:00	**茶歇**		
16:20	**小组讨论** **第1组:** 生物控制剂	中方: 刘阳 研究员 孙长坡 院长助理 欧方: Ferenc Bag i教授	中国农业科学院农产品加工研究所 国家粮食和物资储备局科学研究院 塞尔维亚诺维萨德大学
	小组讨论 **第2组:** 取样与分析	欧方:John Gilbert 总监 Monique de Nijs 教授 中方：张大伟 资深经理	食品生命国际公司 荷兰瓦赫宁根大学 Romer Labs中国
	小组讨论 **第3组:** 预测和预警	欧方: 刘程 研究员 中方: 王松雪 所长 杨大进 主任	荷兰瓦赫宁根大学 国家粮食和物资储备局科学研究院 国家食品安全风险评估中心
	小组总结	中方和欧方主持人	\
18:00	**当天总结**	Rudolf Krska 教授	奥地利维也纳自然资源与生命科学大学
18:30	**晚餐**		

Conference Program – April 16

	Agenda Item / Title		Speaker	Affiliation/Title
09:00	Welcome and Introduction		Jianglin Zhai	President of ASAG
			Fengyun Lei	Deputy Director-General, Department of International Cooperation, MOST
			Rudolf Krska	Prof., BOKU
			Jianzhong Xie	Chairman, EUCNC
09:40	Introduction to MyToolBox project		Rudolf Krska	Prof., BOKU
10:10	**Tea Break**			
10:30	Monitoring of food mycotoxins in China		Dajin Yang	CFSA
11:00	**BIOCONTROL** Application and efficacy of atoxigenic Aspergillus strains		China: Yang Liu	CAAS-IFST
			EU: Ferenc Bagi	Novi Sad
11:30	Handing of Deoxynivalenol contaminated wheat		Changpo Sun	ASAG
11:50	**FORECASTING** Pre-harvest prediction models and demonstration		EU: Cheng Liu	RIKILT
12:20	**LUNCH**			
13:45	**SAMPLING & ANALYSIS**	Cost-effective sampling plans	EU :Marlous Focker	RIKILT
		Analytical techniques	EU : Monique de Nijs	
		Monitoring techniques of mycotoxin in grains	China: Songxue Wang	ASAG
14:30	Application and challenges of mycotoxin detection		Dawei Zhang	Romer Labs China
15:00	Research and control of mycotoxin in dairy raw materials		Xiaoping Huang	Yili
15:30	Prevention and control of mycotoxins in large-scale farming		Wei Yang	Modern Farming
16:00	**Tea Break**			
16:20	**Group Discussions**	**Group 1:** BIOCONTROL	China: Yang Liu Changpo Sun EU: Ferenc Bagi	CAAS-IFST ASAG Novi Sad
		Group 2: SAMPLING & ANALYSIS	EU: John Gilbert Monique de Nijs China :Dawei Zhang	FLI RIKILT Romer Labs China
		Group 3: FORECASTING	EU: Cheng Liu China: Songxue Wang	RIKILT ASAG
	Conclusions from Group 1-3		China and EU rapporteur	\
18:00	**Wrap up**		Rudolf Krska	Prof., BOKU
18:30	**DINNER**			

4月17日 会议日程

	演讲题目		演讲者	单位
09:00	开幕词		Rudolf Krska 教授	奥地利维也纳自然资源与生命科学大学
09:15	**粮仓管理：**预测模型、生物传感器、及真菌毒素防控决策支持系统		中方：张忠杰 所长	国家粮食和物资储备局科学研究院
			欧方：Naresh Magan 教授, Ignacio Montero Castro 经理	英国克兰菲尔德大学 IRIS技术集团
09:45	原粮中真菌毒素研究进展及防控技术报告		张志航 质量工程师	中国储备粮管理集团有限公司
10:15	**茶歇**			
10:30	**脱毒**	新型研磨技术热加工过程中的脱毒	欧方：Michele Suman 总监	百味来集团
		重组酶技术用于猪饲料中伏马毒素的降解	欧方: Veronika Nagl 经理	百奥明公司
		饲料霉菌毒素脱霉剂质量安全预警监测及产品有效性评价方法研究进展	中方: 王金全 博士	中国农业科学院饲料研究所
11:30	饲料中的真菌毒素风险管理		王庆伟 经理	百奥明公司
12:00	**午餐**			
13:30	**合理、安全利用真菌毒素：**生物乙醇及生物燃料的生产		欧方：Gerd Schatzmayr 总监	百奥明公司
14:00	玛氏在霉菌和霉菌毒素风险管理中的整体方案		张广韬 总监	玛氏全球食品安全中心
14:30	饲料真菌毒素的监测与预警		樊霞 副主任	国家饲料质量监督检验中心
15:00	MyToolBox电子平台的介绍与互动演示		欧方：Ignacio Montero Castro 经理	IRIS技术集团
15:30	**茶歇**			
15:50	**小组讨论**	**第1组:** 粮仓管理	中方: 王松雪 所长 张忠杰 所长 欧方: Naresh Magan 教授	国家粮食和物资储备局科学研究院 英国克兰菲尔德大学
		第2组: 脱毒	中方: 王金全 博士 王庆伟 经理 欧方：John Gilbert 总监 Michele Suman 总监	中国农业科学院饲料研究所 百奥明公司 食品生命国际公司 百味来集团
		第3组: 合理安全利用	欧方: Gerd Schatzmayr 总监 中方： 张广韬 总监	百奥明公司 玛氏全球食品安全中心
	小组总结		中方和欧方主持人	\
17:30	**当天总结**		欧方、中方代表	\
18:00	**两日会议总结**		Rudolf Krska 教授	奥地利维也纳自然资源与生命科学大学

Conference Program – April 17

	Agenda Item / Title		Speaker	Affiliation
09:00	Introduction to Day 2		Rudolf Krska	Prof., BOKU
09:15	**SILO MANAGEMENT** Biological models, sensors, and decision supporting tools for cereals		China: Zhongjie Zhang	ASAG
			EU: Naresh Magan Ignacio Montero Castro	Cranfield IRIS
09:45	Research progress and prevention controls of mycotoxin in raw grains		Zhihang Zhang	Sinograin
10:15	**Tea Break**			
10:30	**DETOXIFICATION**	Innovative Milling Thermal Processing	EU :Michele Suman	BARILLA
		Recombinant Enzyme Technology for FBs in Swine	EU: Veronika Nagl	BIOMIN
		Absorption for AFB1 in Cattle Feed	China: Jinquan Wang	CAAS-FRI
11:30	Mycotoxin risk management of feed		Qingwei Wang	BIOMIN China
12:00	**LUNCH**			
13:30	**SAFE USE OPTIONS** Bioethanol and Biogas production		EU: Gerd Schatzmayr	BIOMIN
14:00	The Mars holistic approach to mold and mycotoxin risk management		Guangtao Zhang	Mars
14:30	Monitoring and early warning of mycotoxin in feed		Xia Fan	CAAS-CNFQCC
15:00	INTERACTIVE PRESENTATION OF THE MYTOOLBOX e-PLATFORM		EU: Ignacio Montero Castro	IRIS
15:30	**Tea Break**			
15:50	**Group Discussions**	**Group 1:** SILO MANAGEMENT	China: Songxue Wang Zhongjie Zhang EU: Naresh Magan	ASAG ASAG Cranfield
		Group 2: DETOXIFICATION	China: Jinquan Wang Qingwei Wang EU: John Gilbert Michele Suman	CAAS-FRI BIOMIN China FLI BARILLA
		Group 3: SAFE USE OPTIONS	EU: Gerd Schatzmayr China: Guangtao Zhang	BIOMIN Mars
	Conclusions from Group 1-3		China and EU rapporteur	\
17:30	**Wrap up**		EU/China	
18:00	**Conclusions of 2 days**		Rudolf Krska	Prof., BOKU

第一天演讲人介绍 Speakers' Biographies, Day 1

Rudolf KRSKA

国际真菌毒素学会主席，奥地利维也纳自然资源与生命科学大学分析化学中心主任，生物分析及农业代谢组学研究所所长，MyToolBox项目负责人

Chair of the International Society of Mycotoxicology. Full professor for (Bio-)Analytics and Organic Trace Analysis at the University of Natural Resources and Life Sciences, Vienna (BOKU). Head of the Center for Analytical Chemistry at Department IFA-Tulln of BOKU. MyToolBox coordinator.

Rudolf Krska博士/教授是维也纳自然资源与生命科学大学农业生物技术系（IFA-Tulln）系主任和分析化学中心主任；国际真菌毒素学会主席；联合国粮农组织（FAO）/ 世界卫生组织（WHO）的食品添加剂联合专家委员会委员，参与评估了单端孢霉烯族毒素对人体的影响；欧洲食品安全局镰刀菌素工作组成员；2010年在加拿大渥太华卫生部（Health Canada）食品研究部担任首席专家。Krska教授一直从事污染物分析相关的科研工作，是国际上真菌毒素检测和控制领域的领导者。Krska教授发表了超过300篇SCI论文，获得了10项科技奖励。根据国际最有影响力的学术文献索引数据库Web of Science统计，Krska教授自2015年起被列为世界前1%的被引用作者。2018年Krska教授被任命为英国贝尔法斯特女王大学全球食品安全研究所教授。

Rudolf Krska is full professor for (Bio-) Analytics and Organic Trace Analysis at the University of Natural Resources and Life Sciences, Vienna (BOKU). He is head of the Center for Analytical Chemistry at the Department IFA-Tulln at BOKU. As member of JECFA (Joint Expert Committee for Food Additives/FAO/WHO) he has evaluated the impact of trichothecene mycotoxins on humans. In 2010, he worked for one year as a Chief of Health Canada´s Food Research Division. Prof. Rudolf Krska has received 10 scientific awards and is (co) author of more than 300 SCI publications. Since 2015, Prof. Krska is listed as a top 1% highly cited author in the Web of Science. He is coordinator of the European Commission funded project MyToolBox for Integrated Mycotoxin Management in cooperation with China with a funding volume of more than 6 Mio Euro. Krska is also Green Area Leader at the recently founded Austrian Competence Centre for Feed and Food Quality, Safety and Innovation (FFOQSI). In 2018, he has been jointly appointed Professor within the Institute for Global Food Security at Queen´s University, Belfast, UK.

杨大进 Dajin YANG

研究员， 国家食品安全风险评估中心风险监测一室主任

Research Scientist, China National Center for Food Safety Risk Assessment, Director of Risk Surveillance Division 1

杨大进，研究员，博士，国家食品安全风险评估中心风险监测一室主任。曾在美国俄亥俄州立大学作为高级访问学者研究食品中天然有害物质分析方法。主要研究食品分析检验方法，建立了适用于我国的检验方法并形成标准。同时负责建立国家食品污染物监测体系,现已积累一整套适用于我国开展食品安全风险监测工作的基本理论。

Dr. Yang Dajin, Research Scientist, Director of Risk Surveillance Division 1 in China National Center for Food Safety Risk Assessment. During 2011-2012, he served as a senior visiting scholar in Ohio State University focused on developing testing methods of naturally contaminated hazardous substances. Recently, his research is mainly to fulfil the requirements of food analysis and formulate official testing methods according to the composition of the foods and the general testing capability in China. He also takes charge of the establishment of national food contamination and hazardous substances assessment system. Nowadays, a basic theory for China food risk assessment had been found.

刘阳 Yang LIU

研究员，博士生导师 ，中国农业科学院农产品加工研究所
Research scientist, Professor, CAAS-IFST

刘阳，研究员，博士生导师，973计划项目和国家重点研发计划项目首席科学家。主要从事食品和饲料真菌毒素防控和脱毒理论与技术及其产业化应用研究。近5年发表论文73篇，其中SCI论文52篇（单篇最高IF18.96），获授权国家发明专利授权28件，主编和参编著作6部。
Prof. Yang Liu, a research scientist, is the Chief Scientist of National Key Research Program of China. Prof. Liu's lab focuses on the prevention, control and detoxification of mycotoxins in food and feed. Prof. Liu has published 73 research papers and acquired 28 patents in recent 5 years.

Ferenc BAGI

教授，塞尔维亚诺维萨德大学环境与植物保护学院
Full Prof. University of Novi Sad, Serbia, Faculty of Agriculture, Department for Environmental and Plant Protection

Ferenc Bagi，农业博士，教授，Bagi教授在塞尔维亚诺维萨德大学工作和教学已有24年。Ferenc教授具有丰富的领导经验，曾任塞尔维亚农业部植物保护司司长、教职工教育部副主任。他为本科生和研究生教授数门课程，并担任硕士和博士生导师。除了教学，他还积极参与农业领域的研究，特别是植物保护方面的研究。目前，他正致力于作物收获前的真菌毒素有效控制，参与多项国内外科研项目，多次参加科学会议和研讨会，已发表200多篇文献。
Ferenc Bagi is an experienced teacher since he is working and teaching at the University of Novi Sad, Faculty of Agriculture for 24 years. Ferenc holds a PhD of Agriculture. He has experience in leadership: worked as Director of Plant protection Directorate at Ministry of Agriculture and also has an experience as a vice dean for education at the Faculty. He teaches a several courses to students on undergraduate and postgraduate level and works as a mentor of master and Phd thesis. Beside teaching he is actively involved in research from area of agriculture, particularly plant protection. Currently he is working on mycotoxin mitigation during preharvest. He has participated and still participates in several national and international research projects. During his career he participated in numerous scientific conferences and seminars and is author or coauthor of more than 200 scientific publications.

孙长坡 Changpo SUN

博士， 国家粮食和物资储备局科学研究院院长助理兼任粮油加工研究所所长

PhD, Assistant president of Academy of National Food and Strategic Reserves Administration; Director of Grain and Oil Processing Research Institute

孙长坡，博士/研究员，现任国家粮食和物资储备局科学研究院院长助理兼任粮油加工研究所所长，国家玉米深加工产业技术创新中心主任，吉林大学兼职教授、国际真菌毒素学会会员、“中国粮油学报”、“粮油食品科技”编委； Toxins、International Journal of Molecular Science等期刊审稿专家。长期从事主要粮油产品的真菌毒素形成与调控机制的基础研究工作和产毒真菌的分类鉴别、防控，以及真菌毒素削减策略与技术研发，在真菌毒素污染粮食的安全合理利用方面已初步形成完整的技术处理体系。近年在Toxins、Analytical Chemistry、Applied Catalysis B：Environment等期刊上发表研究论文50余篇，总引用次数300余次，申请专利16项，授权9项；制修订标准3项。获得“第十四届国际谷物科技与面包大会暨国际油料与油脂科技发展论坛”大会青年科学家研究奖。

Dr. SUN was graduated from Institute of Biotechnology, Chinese Academy of Agricultural Science (CAAS). He is assistant president of Academy of National Food and Strategic Reserves Administration, Director of Grain and Oil Processing Research Institute, Director of National Corn Deep Processing Industry Technology Innovation Center, Member of International Society of Mycotoxins (ISM), Member of National Oil and Grain Standardization Committee. His major research focuses on microbes and mycotoxins in grain and oil, particularly on the identification of toxigenic fungi, mitigation and control of mycotoxins, establishment of safe use strategies and technology system of mycotoxin contaminated food and feed. To date, he has published over 50 papers in peer reviewed high impact scientific journals, including numerous invited key reviews, such as Toxins, Analytical Chemistry, Applied Catalysis B：Environment etc. Applied for 16 patents, 9 of them were authorized. Formulated or revised 3 standards.

刘程 Cheng LIU

博士，荷兰瓦赫宁根食品安全研究所农业链研究组

PhD, Agrochain Research Group, RIKILT Wageningen University & Research

刘程，荷兰瓦赫宁根大学和研究院食品安全研究员。 曾就读于中国农业大学，后来获得荷兰瓦赫宁根大学的理学硕士文凭和博士学位。 自2015 年以来，她一直在荷兰瓦赫宁根大学和研究院RIKILT（食品安全研究所）担任博士后研究员和食品安全研究员，负责各种真菌毒素建模相关项目。 在 MyToolBox 项目中，她主要负责田间真菌毒素污染预测模型开发和通用电子平台设计。 她在全球、区域和地方范围内的统计建模，气候情景分析和影响模型方面经验丰富。

Cheng Liu, food safety researcher at RIKILT Wageningen University and Research, The Netherlands. She has studied in China Agricultural University, Beijing and later received a MSc diploma and PhD title from Wageningen University, the Netherlands. Since 2015 she has been working as a postdoctoral researcher and then a food safety researcher at RIKILT (Institute of food safety) in the Netherlands on various mycotoxin modelling related projects. In the EU funded H2020 MyToolBox project, she works mainly on forecasting models development and general e-platform design. Cheng is experienced in statistical modelling, climate scenario analysis and impact modelling on global, regional and local scales.

Marlous FOCKER

博士研究生，荷兰瓦赫宁根大学食品安全研究所
PhD Candidate, RIKILT Wageningen University & Research

Marlous Focker在荷兰瓦赫宁根大学取得硕士学位，目前是该大学食品安全研究所和商业经济系的一名博士生。她的研究方向是真菌毒素的经济有效监测策略。
Marlous Focker obtained het Master degree in Food Safety at the University of Wageningen and is now a PhD candidate at RIKILT, the Dutch Food Safety Institute and the Business Economics group of Wageningen University. She is currently finalising her research on cost-effective monitoring strategies for mycotoxins.

Monique de NIJS

博士， 欧盟真菌毒素分析基准实验室主任，荷兰瓦赫宁根大学食品安全研究所真菌毒素和植物毒素科学家
PhD, Director EURL and scientist mycotoxins & plant toxins, RIKILT Wageningen University & Research

Monique de Nijs博士，欧盟真菌毒素和植物毒素基准实验室（EURL）主任，荷兰瓦赫宁根大学和研究院研究员。负责 EURL和荷兰食品和消费品安全局（NVWA）的食品和饲料中真菌毒素和植物毒素相关科学项目和方法开发及验证。同时，她也担任欧盟食品和饲料中农业污染物工作组的专家顾问。
Dr. Monique de Nijs is Director of the EU Reference Laboratory on mycotoxins & plant toxins and Scientist Natural Toxins at RIKILT Wageningen University & Research in the Netherlands, since January 2011. She is responsible for the scientific projects and projects on method development and validation for analysis of mycotoxins and plant toxins in food and feed for the EURL and the Netherlands Food and Consumer Product Safety Authority (NVWA). She is advisor to the EU workingroup on Agricultural Contaminants in food and feed.

王松雪 Songxue WANG

博士，研究员，国家粮食和物资储备局科学研究院粮油质量安全研究所所长
PhD, Director of Grain and Oil quaility and safety, Research Institute of Academy of National Food and Strategic Reserves Administration

王松雪，博士，研究员。现任国家粮食和物资储备局科学研究院粮油质量安全研究所所长，首届国际标准化组织食品技术委员会谷物与豆类分委员会真菌毒素工作组(ISO/TC 34/SC 4 /W8)召集人，国际标准化组织食品技术委员会黄曲霉毒素工作组（ISO/TC 34/WG20）专家组成员，全国粮标委粮食及制品分技术委员会委员，全国农药登记评审委员会委员，中华预防医学会食品卫生分会委员，中国仪器仪表学会食品质量安全检测仪器与技术应用分会常务理事，中国粮油学会粮油质检分会理事等。曾多次获得中国粮油学会科学技术奖，其中二等奖三项，一等奖一项，2018年度获江苏省科学技术奖和中国轻工业联合会科技进步一等奖各一项。2015年获得全国粮油优秀科技工作者称号，2016年入选首届全国粮食行业青年拔尖人才。
Dr. Wang Songxue is the Director of Grain and Oil quaility and safety Research Institute of Academy of National Food and Strategic Reserves Administration, Convener of the Working Group on Mycotoxins of the Grain and Bean Subcommittee of the Food Technology Committee in International Organization for Standardization (ISO/TC 34/SC 4 /W8), etc. He has been engaged in technical support research for the country's grain quality and safety for a long time. He hosted a number of national-level projects, such as “National 863 plan”, “intergovernmental international science and technology innovation cooperation”, and the National Natural Science Foundation, etc.. He led the development of one international ISO standard and more than 20 national/industry technical standards. He engaged in developing more than 10 kinds of national standard substances.

张大伟 Dawei ZHANG

博士，Romer Labs公司资深实验室经理
PhD, Senior Lab Manager, Romer Labs

江南大学博士，在真菌毒素检测方面有着十多年工作经验，参与编写食品中真菌毒素检测方法标准操作规程等书籍，并在国内外杂志和期刊发表论文数篇。先后担任食品安全检测技术经理和高级实验室经理。服务于玛氏皇家和费列罗等大型食品企业，于2017年加入Romer labs中国，并建立了Romer labs无锡真菌毒素检测实验室。作为演讲嘉宾参与了第一届亚太区真菌毒素大会和国际食品安全技术论坛等众多会议论坛。
Dawei did his PhD in Food Science, Jiangnan University. He has more than ten years' experience in multi-national factory quality control area, such as Mars pet-care and Ferrero chocolate plant, served as lab manager and QC manager. He has been responsible for establishment of Romer Labs analytical service lab ever since 2017. He has been a speaker in several international conferences, such as the first Asia-pacific Mycotoxin Conference, China International Food Safety Forum, etc.

黄小平 Xiaoping HUANG

博士，伊利集团创新中心副总经理
PhD, Deputy General Manager, Innovation Center, Yili Group

黄小平博士，伊利集团创新中心副总经理，食品安全风险评估负责人，主要从事食品安全风险评估、食品微生物管控等研究工作。先后在大学、科研机构工作，承担国家和地方的科研项目，涉及的范围有食品质量和安全、食品微生物、农产品加工等。曾任职卫生部食品安全国家标准评审委员，国家科技部国际科技交流评审专家，食品检测实验室评审专家。现任中国食品科学技术学会食品真实性与溯源分会理事、国际乳业联盟（IDF/ISO）标准委员会委员、美国药典膳食蛋白质专业委员会委员。
Dr. Huang Xiaoping, Deputy General Manager of Yili Group Innovation Center, head of food safety risk assessment, mainly engaged in food safety risk assessment, food microbiology control and other research. He has worked in universities and research institutes, and has undertaken national and local scientific research projects covering food quality and safety, food microbiology, and agricultural product processing. He has served as a member of the National Food Safety Standards Evaluation Committee of the Ministry of Health, an international science and technology exchange review expert of the Ministry of Science and Technology, and a food testing laboratory review expert. He is currently a member of the Food Authenticity and Traceability Branch of the China Food Science and Technology Society, a member of the International Dairy Federation (IDF / ISO) Standards Committee, and a member of the US Pharmacopoeia Dietary Protein Professional Committee.

杨维 Wei YANG

现代牧业（集团）有限公司 品控中心主任
Director, Quality Control Center, Modern Farming Group

现代牧业（集团）有限公司品控中心主任，曾在蒙牛奶源部门有超过10年的奶源安全管理经验。目前负责现代牧业整体各种原材料、生鲜乳的质量控制；推动集团质量管理体系；依据制度进行管控、考核。
Wei Yang is the Director of Quality Control Department in Modern Farming Group. He has more than 10 years' experience on raw milk safety management in Mengniu Group. Now he is responsible for the quality control of all raw materials and fresh milk in modern farming group. Engaged to promote the quality management system of the group and to conduct control and assessment according to group policy.

第二天演讲人介绍 Speakers' Biographies, Day 2

张忠杰 Zhongjie ZHANG

博士， 国家粮食和物资储备局科学研究院粮食储运研究所所长，粮食储运国家工程实验室副主任
PhD, Director of Institute for Grain Storage & Logistics, Vice Director of National Engineering Lab for Grain Storage & Logistics

张忠杰，博士/研究员,中国农业大学农产品加工与贮藏工程博士，中科院生态环境研究中心环境科学与工程博士后，现任国家粮食和物资储备局科学研究院粮食储运研究所所长，粮食储运国家工程实验室副主任。主要从事粮食产后的整理、干燥、储藏、节能通风、环境工程、加工副产物综合利用等领域的机理研究、技术装备开发与推广。先后主持和参与完成省部级科研项目三十余项；全国粮食行业职业技能鉴定专家评审委员会专家、农业部农产品产地初加工惠民工程技术服务专家；国家科技进步奖评审专家；吉林大学等兼职教授。
Zhang Zhongjie, Ph.D./Researcher, Ph.D., Agricultural Products Processing and Storage Engineering, China Agricultural University, Postdoctoral Researcher in Environmental Science and Engineering, Chinese Academy of Sciences Ecological Environment Research Center. He is the Director of Institute for Grain Storage & Logistics and Vice Director of National Engineering Lab for Grain Storage & Logistics. Mainly engaged in grain post-harvest finishing, drying, storage, energy-saving ventilation, environmental engineering, processing of by-products and other aspects of the mechanism research, technical equipment development and promotion. He has presided over and participated in the completion of more than 30 provincial and ministerial-level scientific research projects; experts in the national food industry occupational skills appraisal expert review committee, the Ministry of Agriculture agricultural products origin processing Huimin engineering and technical service experts; national science and technology progress award review experts; Jilin University and other part-time jobs professor.

Naresh MAGAN

教授，英国克兰菲尔德大学应用真菌学系主任
Prof. , DSc Head, Applied Mycology Group Environment and AgriFood Theme, Cranfield University.

Magan教授，于1977年在埃克塞特大学获得植物学学士学位和植物病理学硕士学位;1982年在罗瑟姆斯特德研究所获得博士学位。他自1999年起担任克兰菲尔德大学应用真菌学教授。从事食品安全、真菌、真菌毒素和生物控制方面的研究已有35年。目前的研究包括食品生产系统中真菌和真菌毒素的分子生态学和生态生理学，特别是气候变化对主要商品中真菌毒素的影响因素以及干预和预防策略的制定。这些策略包括减少真菌毒素污染的方法、决策支持系统(DSS)、提高防治害虫/真菌疾病功效的生物控制剂的生态生理学。Magan教授发表了280多篇同行评议的期刊论文（H因子为55）。2013年，他被克兰菲尔德大学授予DSc奖，以表彰他在食物链中真菌毒素的研究。
Prof. Magan completed his BSc (Hons) Botany and MSc (Plant Pathology) at Exeter University (1977). He then completed his PhD at Rothamsted Research (external student Reading University) in 1982. He was awarded a DSc in 2013 by Cranfield University for his work on mycotoxins in food chains. He holds the Chair in Applied Mycology at Cranfield University since 1999. He has been carrying out research on food security/safety, spoilage fungi and mycotoxins and biocontrol for 35+ years. Current research includes molecular ecology and ecophysiology of spoilage and mycotoxigenic fungi in food production systems, especially of climate change impact factors on mycotoxins in staple commodities and the development of intervention and prevention strategies. These include physical approaches to minimising mycotoxin contamination, Decision Support Systems (DSS), ecophysiology of biological control agents for improved efficacy against pests/fungal diseases. He has published 280+ peer-reviewed Journal papers (H-index of 55 [Scopus] and 72 [Google scholar]).

Ignacio Montero CASTRO

IRIS技术公司项目和研发经理

Project and Innovation Manager, IRIS Technology Solutions

Ignacio Montero Castro是西班牙圣地亚哥德孔波斯特拉大学的化学工程师和西班牙加泰罗尼亚理工大学的工艺工程硕士。 Ignacio拥有过程控制和工业安全背景，为加泰罗尼亚工业部门的工业设施优化控制策略和环境风险分析开展应用研究。他在LEITAT技术中心的循环经济部门工作了近3年，担任研发工程师和技术项目经理。在此期间，他负责公共资助研究项目的管理、执行和提案撰写，涉及不同的国际、国家和地区计划：H2020，CIEN，LIFE。自2018年7月加入IRIS以来，他作为业务管理者，支持和协调欧盟资助的应用光子学、ICT和数字化以及循环和生物经济部门项目。

Ignacio Montero Castro is Chemical Engineer from University of Santiago de Compostela (Spain) and Master in Process Engineering from Polytechnic University of Catalonia, Spain. Ignacio comes from a background in process control and industrial safety, developing applied research in self-optimizing control strategies for industrial facilities and environmental risk analysis for the Catalan department of Industry. He spent almost 3 years on the Circular Economy unit of LEITAT Technological Centre working as R&D engineer and technical project manager. During this period, he was responsible for management, execution and proposal writing of Public Funded Research Projects under the different financial International, National and Regional schemes: H2020, CIEN, LIFE. Since joining IRIS in July 2018, he has been providing business management services to support the award, coordination and implementation of EU funded projects on Applied Photonics, ICT & Digitalisation and Circular & Bio-economy sectors.

张志航　Zhihang ZHANG

中国储备粮管理集团有限公司质量工程师

Quality engineer of China Grain Reserves Group

质量工程师。2007年参加工作以来，一直从事粮食质量管理与研究工作。目前在中储粮集团公司仓储管理部仓储与质量管理处任职，曾获得“全国粮食行业技术能手”、“中央企业技术能手”等多项荣誉称号。

Quality engineer. Since 2007, he has been engaged in food quality management and research. He currently serves in the warehousing and quality management department of the Storage Management Department of China Grain Reserves Group, and has been awarded as “National Grain Industry Technical Experts” and “Central Enterprise Technical Experts”.

Michele SUMAN

百味来食品公司研发实验室食品安全与真实性研究经理

Food Safety & Authenticity Research Manager, Barilla Spa - Advanced Research Laboratories

Michele Suman 自 2003 年起担任 Barilla Spa 公司的食品安全和真实性研究经理。曾在公立和私立研究中心从事食品化学、食品质量安全、食品真实性、食品接触材料、传感和质谱领域的研究。他是欧洲标准化委员会（CEN）工作组成员、ILSI过程相关化合物和自然毒素工作组主席、意大利化学学会质谱分会理事会成员，参与国家和欧洲资助项目，在国际会议协调和主持（如，食品分析最新进展、世界真菌毒素论坛、食品诚信、MS食品日、欧洲快速方法、国际质谱大会等）方面积累了丰富经验。参与撰写6本专著，参加超过130次国际和国家级大会，在国际期刊上发表了80篇论文。

Michele Suman is Food Safety & Authenticity Research Manager in Barilla Spa company since 2003. Here he has been working in an international contest with public and private research centers\organizations on research projects within the field of food chemistry, food safety-quality-authenticity, food contact materials, sensing and mass spectrometry applications for food products. He is member of working groups in European Committee for Standardization (CEN) and Chair of the ILSI Process Related Compounds & Natural Toxins Task Force; Leader in the Food Safety Section of Italian National Cluster Agrifood, member of the Board of Mass Spectrometry Division – Italian Chemistry Society; He has been involved in various National/European Funded Projects and has developed experience in academic teaching activities, masters\PhD projects supervision, coordination/chairmanship of international conferences (Recent Advances in Food Analysis, World Mycotoxins Forum, FoodIntegrity, MS Food Day, Rapid Methods Europe, International Mass Spectrometry Conference…). His scientific production is documented by six book chapters, 130 contributions at national and international conferences and 80 papers in international ISI journals.

Veronika NAGL

博士，研发科学家，百奥明研发中心

PhD, Scientist, BIOMIN Research Center

Veronika Nagl是BIOMIN公司研发中心的科学家，主持真菌毒素毒理学领域的研究项目。Veronika Nagl曾在维也纳兽医大学学习兽医学。 此后，她在农业生物技术系（维也纳自然资源与生命科学大学）的克里斯琴·多普勒霉菌毒素代谢实验室获得博士学位。她的研究重点是开发基于LC-MS / MS的生物标记方法，阐述大鼠和猪中隐蔽型真菌毒素的代谢机理。2014年，她加入BIOMIN研究中心，主要研究课题是研究镰刀菌毒素在牲畜物种中的分子效应以及其在猪身上对生物标记物开发的后续应用。

Veronika Nagl is Scientist at the BIOMIN Research Center in Tulln (Austria) and leading a research project in the field of mycotoxin toxicology. Veronika Nagl studied Veterinary Medicine at the University of Veterinary Medicine, Vienna. Thereafter, she did her PhD in the Christian Doppler Laboratory for Mycotoxin Metabolism at the Department of Agrobiotechnology (University of Natural Resources and Life Sciences, Vienna). Her studies focused on the development of LC-MS/MS based biomarker methods to elucidate the metabolism of masked mycotoxins in rats and pigs. In 2014, she joined the BIOMIN Research Center, where her main research topics are the investigation of molecular effects of Fusarium mycotoxins in livestock species and their subsequent utilization for biomarker development with special emphasis on pigs.

王金全　Jinquan WANG

博士， 中国农业科学院饲料研究所 宠物营养与食品研究室主任
PhD, Director of Pet Nutrition and Food Research, CAAS-FRI

王金全，博士，高级农艺师，中国农业科学院饲料研究所新型饲料资源研究与应用创新团队科研骨干，中国-欧盟饲料霉菌毒素脱毒技术联合实验室主任，饲料研究所宠物营养与食品研究室主任。现主持中国-欧盟地平线 Horizon2020国际合作项目《Safe Food and Feed through an Integrated ToolBox for Mycotoxin Management》；十三五国家重点研发计划项目（2016-2019）《中国-欧盟饲料霉菌毒素生物脱毒关键技术联合研究》；农业农村部农产品质量安全项目《饲料霉菌毒素脱毒剂产品有效性评价》。农业农村部《宠物饲料管理办法》法规起草人之一。2000年以来共承担科技部国家重点研发计划、国家科技攻关课题、农业部财政项目、国家留学基金委和北京市自然基金项目等各类课题40 余项。共发表中英文学术论文40余篇；共出版学术专著1部，编著2部，第1发明人授权国家发明专利 5 项，获省部级奖2项。

Wang Jinquan, Ph.D., senior agronomist, Researcher of the new feed resource research and application innovation team of the Feed Research Institute of the Chinese Academy of Agricultural Sciences, Director of the joint laboratory of China-EU Feed Mold Toxin Detoxification Technology, Director of the Pet Nutrition and Food Research Office of the Feed Research Institute. He is currently chairing the China-EU Horizon 2020 International Cooperation Project "Safe Food and Feed through an Integrated ToolBox for Mycotoxin Management"; 13th Five-Year National Key R&D Program (2016-2019) "China-EU Joint Technology of Feeding Mycotoxins Biodetoxification Research"; Agricultural Products Quality and Safety Project of the Ministry of Agriculture and Rural Affairs, ""Evaluation of the Effectiveness of Feed Mycotoxins Detoxification Products"". One of the drafters of the Regulations on the Administration of Pet Feed in the Ministry of Agriculture and Rural Affairs. Since 2000, he has undertaken more than 40 projects including the State Key Research and Development Program of the Ministry of Science and Technology, the National Science and Technology Research Project, the Ministry of Agriculture Financial Project, the China Scholarship Council and the Beijing Natural Science Fund Project, etc. He has published more than 40 academic papers in both Chinese and English. He has been the writer and editors of scientific books. He has been the first inventor of 5 authorized patents and won 2 provincial and ministerial awards.

王庆伟　Qingwei WANG

博士，百奥明（中国区）技术经理
PhD, Technical Manager, BIOMIN China

王庆伟博士，百奥明（中国区）技术经理，主要负责饲料企业的技术支持和服务工作。
毕业于中国农业大学动物科技学院动物营养与饲料科学专业，获博士学位。曾在北京资源亿家集团从事配方工作，负责教保料技术研究。一直从事饲料抗菌剂的研究开发及单胃动物肠道健康调控技术的研究，已累计发表SCI论文10余篇。

Dr Wang Qing Wei,Ph.D., BIOMIN (China) technical manager, responsible for feed mill technical support. Dr. Wang was graduated from China Agricultural University, majored in animal nutrition and feed science, and had been a formulator of starter and nursery feed in Beijing Resource Yijia Group. His research interests are focused on new antimicrobial agents development and gastrointestinal health regulation. He has published more than 10 SCI papers.

Gerd SCHATZMAYR

博士，工商管理硕士，研发总监，百奥明研发中心
PhD, MBA, R&D Director, BIOMIN Research Center

Gerd Schatzmayr 博士在维也纳自然资源与生命科学大学（BOKU）学习食品科学与生物技术，在 IFA-Tulln 完成了开发厌氧霉菌毒素解毒细菌发酵过程的博士论文。1999年，他加入 BIOMIN 担任研发项目负责人，参与了霉菌毒素解毒领域的各种项目。2003年被任命为 BIOMIN 创新动物营养公司的研发总监，负责管理所有研发活动，并在欧洲委员会第六框架计划中协调了一项关于开发家禽益生菌产品的项目。2006年至今，在国际科学大会和会议上进行了50次演讲，作为作者或共同作者发表过100多篇文章、出版物和专利。自2018年起，他获得了企业管理和创新方向的工商管理硕士学位。

Dr. Gerd Schatzmayr studied Food Science and Biotechnology at the University for Natural Resources and Life Sciences in Vienna (BOKU). His did his PhD thesis on the development of a fermentation process for an anaerobic mycotoxin detoxifying bacterium at the IFA-Tulln. In 1999 he joined BIOMIN as R&D project leader, where he coordinated various projects in the field of mycotoxin detoxification. In 2003 he was appointed to R&D-director of BIOMIN Innovative Animal Nutrition GmbH. In this position he was overseeing all R&D activities and he coordinated a project on the development of a probiotic product for poultry in the a 6th framework program of the European Commission. Since 2006 he is Director of BIOMINs world wide research activities. He gave more than 50 lectures at international scientific congresses and conferences and is author and co-author of more than 100 articles, publications and patents. Since 2018 he holds a MBA degree on Entrepreneurship and Innovation

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张广韬 Guangtao ZHANG

博士， 玛氏全球食品安全中心全球研发总监
PhD, Head of Research, Mars Global Food Safety Center

张广韬于2000年毕业于中国科学技术大学化学系并取得理学学士。他在美国华盛顿大学取得了分析化学硕士和有机化学博士学位。张广韬在康奈尔大学进行博士后研究。在加入玛氏之前，他在美国西奈山医学院从事关于基于蛋白结构的有机小分子药物设计。他的主要研究对象是治疗三阴性乳腺癌的小分子药物。他还在吉林大学医学院建立了一个药物化学实验室，这成为该医学院药物研发项目的重要组成部分。目前，张博士是玛氏全球食品安全中心研发总监。他的研究兴趣主要包括真菌毒素管控，食品中微生物风险的评估和管控，过敏原的管控，食品掺假的检测和预防，以及应用和操作中的食品安全问题。

Guangtao Zhang received his Bachelor of Science in chemistry from University of Science and Technology of China (USTC). He holds a master's degree and a PhD in organic chemistry from the University of Washington. He undertook his post-doctoral training at Cornell University. Prior to joining Mars, he was Assistant Professor at Mount Sinai School of Medicine, undertaking research on structure-based small molecule drug discovery, targeting compounds with the potential to be therapeutic agents for triple negative breast cancer. He also built a medicinal chemistry laboratory as part of a drug discovery program in Jilin University. He is currently Head of Research at Mars Global Food Safety Center. His research interests include mycotoxin risk management, microbial risk management in food, allergen management, food fraud detection and prevention, and applied and operational food safety.

樊霞　Xia FAN

博士， 国家饲料质量监督检验中心（北京）常务副主任
PhD, Executive deputy director, China National Feed Quality Control Center

博士，中国农业科学院农业质量标准与检测技术研究所研究员，硕士生导师，主要从事饲料质量安全及检测技术方面的科研工作。现任国家饲料质量监督检验中心（北京）常务副主任、质量负责人，负责国家中心实验室日常管理工作。樊霞博士同时兼任饲料监测小组成员，多年来一直参与饲料质量安全监管相关工作，为农业农村部组织开展饲料质量安全监管提供相关支撑服务。

Xia Fan, Ph.D., a Research Scientist of Agricultural Quality Standards and Testing Technology Institute of Chinese Academy of Agricultural Sciences. She is mainly engaged in research on feed quality safety and testing technology. She is currently the Deputy Director of the National Feed Quality Supervision and Inspection Center (Beijing), and is responsible for the daily management of the National Central Laboratory. Dr. Fan is also a member of the feed monitoring team. She has been involved in feed quality and safety supervision for many years and has provided relevant support services for the Ministry of Agriculture and Rural Development to carry out feed quality and safety supervision.

注：演讲者介绍按演讲时间排列
Speakers' biographies are arranged in chronological sequence of presentations

中方单位名称缩写

Abbreviations for Affiliations in China

MOST	Ministry of Science and Technology of the People's Republic of China 中华人民共和国科学技术部
ASAG	Academy of National Food and Strategic Reserves Administration 国家粮食和物资储备局科学研究院
CFSA	China National Center for Food Safety Risk Assessment 国家食品安全风险评估中心
CAAS-IFST	Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences 中国农业科学院农产品加工研究所
CAAS-FRI	Feed Research Institute, Chinese Academy of Agricultural Sciences 中国农业科学院饲料研究所
CAAS-CNFQCC	China National Feed Quality Control Center, Institute of Quality Standard and Testing Technology for Agro-Products of CAAS 国家饲料质量监督检验中心
Sinograin	China Grain Reserves Group 中国储备粮管理集团有限公司
EUCNC	EU-China Culture and Economy Commission 欧盟中国经济文化委员会