



SCIENTIFIC PROGRAM

VI LATIN AMERICAN CONGRESS OF MYCOTOXICOLOGY and II INTERNATIONAL SYMPOSIUM ON ALGAL AND FUNGAL TOXINS FOR INDUSTRY

June 27 to July 1, 2010

Hotel Fiesta Americana
Merida Yucatan

Magda Carvajal Moreno
Chairwoman



SOCIEDAD LATINOAMERICANA
DE MICOTOXICOLOGÍA
FUNDADA EN 1992



International Agency for Research on Cancer
Centre International de Recherche sur le Cancer



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Date	Time	Mycotoxins Section				Auditories			Phycotoxins Section		Santa Lucia
		Yucatan 1	Yucatan 2	Yucatan III	Yucatan IV	Celestun	Valladolid				
June 28	8:30-10:00	Technological Exhibition and coffee	Welcome Ceremony			17:00-20:00 Round Table: Definition of the Mycotoxin Problems in the Pecuary Industry. Moderator: René Márquez.		Computer Center & Registration			
	10:00-10:30		Recess								
	10:30-12:40		Session 1:Honor Ceremony for Dr. Homero Fonseca (Brazil) by Myrna Sabino and Prof. Gerald Wogan (USA) by John Groopman.								
	12:40-13:30		Dr Christopher P. Wild (IARC, France) Keynote Conference								
	13:30-15:00	Recess	Recess			Recess	Recess				
	15:00-17:00	Poster Session I,II,III				Poster Session X: Microalgae	Computer Center & Registration				
	16:30-18:00	Technological Exhibition	Session 2: Aflatoxins in human health. Keynote Conferences (USA): John Groopman, Timothy D. Phillips	CYTED Meeting Executive Center (Project Group only)		Session 19: Dinoflagellate and harmful microalgae					
	18:00-19:30										
June 29	08:30-10:30		Session 3: Mycotoxins, DON and Aflatoxins in human health	Session 8: Mycotoxins in food and commodities	Session 11: Methodology Vildes Scussel (Brazil) Keynote Conference	Session 13: Mycotoxins in swine and livestock	Session 20: Shellfish Toxins and Diarrhetic Toxins (DSP).	Computer Center & Registration			
	10:30-11:00	Recess	Recess	Recess	Recess	Recess	Recess	Recess			
	11:00-13:30	Technological Exhibition		Dilek Heperkan (Turkey) Keynote Conference			Mychael Quilliam (Canada) Keynote Conference				
	13:30-15:00	Recess	Recess	Recess	Recess	Recess	Recess	Recess			
	15:00-17:00	Poster Session IV-VII					Poster Session XI	Computer Center & Registration			
	16:30-19:00	Technological Exhibition	Session 4:Fumonisins & biomarkers Keynote conferences: Peter Scott (Canada), Jia-Sheng Wang (USA), Ronald Riley (USA)			Session 14: Mycotoxins in poultry	Session 21: Round Table: Red Tide				
	19:30-21:30										
June 30	08:30-13:30		Session 5: Ochratoxin A in food, human health and its control.	Session 9: Physiology, antibiosis, toxicity and storage problems.	Session 12: Mycotoxin Control	Session 15: Mycotoxins in feed and its control	Visit to SISAL	Computer Center & Registration			
	08:30-10:30										
	10:30-11:00	Recess	Recess	Recess	Recess	Recess					
	11:00-11:40		Session 5.: OTA in food & human health and its control	Sofia Chulze (Argentina) Keynote Conference							
	12:30-13:30		Peter Mantle (UK) Keynote conference								
	13:30-15:00	Recess	Recess	Recess	Recess	Recess		Recess			
	15:00-17:00	Poster Session VIII,IX									
July 1st	16:30-19:30	Technological Exhibition	Session 6:Genomic analysis of mycotoxins Gary Payne (USA) Keynote conference	Session 10: Mycotoxins in Latin America		Session 16: Mycotoxins in dairy cattle and milk					
	20:00-	Transportation to Banquet: Hacienda Ochil									
	8:30-12:00		Session 7: FAO Forum "Food safety risk assessment of chemical contaminants/ mycotoxins" Maya Piñeiro (FAO); Gordon Shephard (South Africa); Myrna Sabino (Brazil); Marina Miraglia (Italy) Keynote Conferences.					Computer Center & Registration			
	11:00-11:30										
	12:00-12:30								Recess		
12:30-13:00		Closing Ceremony. SLAM, UNAM.									
	13:00-19:00	Visit to Chichen Itza (Optional)									

Acknowledgements

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Rosalba Alonso and **René Márquez**. Organization.
Peter Scott (Canada) and **Timothy D. Phillips** (United States of America). Organization.
John Groopman (United States of America) and **Myrna Sabino** (Brazil). Honor Ceremony.
Wayne Carmichael (United States of America). Pre-congress Phycotoxin Workshop.
Anthony Lupo. Neogen (United States of America). Pre-congress Phycotoxin Workshop.
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Joel Villavicencio. Registration and Computing, Institute of Biology, UNAM.
Maritza Paredes and **Maricruz Montiel**. Fiesta Americana Hotel. Merida, Yucatán

Sociedad Latinoamericana de Micotoxicología (SLAM Society)

Amaury Martínez (República Bolivariana de Venezuela). President of the Latin American Society of Mycotoxicology.
Myrna Sabino (Brazil). Vice-president of SLAM.
Claudio Mazzani (República Bolivariana de Venezuela). Treasurer SLAM.
Ana Dalcero (Argentina). Vocal of SLAM. Head of Cytel Group.

Welcome Ceremony:

Lic. Ivonne Aracelly Ortega Pacheco. Constitutional Governor of the State of Yucatán.
Dr. Carlos Arámburo de la Hoz, Scientific Research Coordinator representing **Dr. José Narro Robles**. Rector of the Universidad Nacional Autónoma de México (UNAM).
Dr. Alfredo Dajer Abimerhi. Rector of the Universidad Autónoma de Yucatán.
Dr. Christopher P. Wild. Director of IARC (Agencia Internacional de Investigación en Cáncer). Lyon Francia.
Dr. Tila María Pérez Ortiz. Director of the Institute of Biology, Universidad Nacional Autónoma de México.
Dr. Amanda Gálvez Mariscal. Coordinator of the University Food Program (PUAL), Universidad Nacional Autónoma de México.

Moderators.

Amaury Martínez (República Bolivariana de Venezuela)	Myrna Sabino (Brasil)
Carlos Alberto Da Rocha Rosa (Brazil)	Guilherme Prado (Brazil)
Gordon S. Shephard (South Africa)	Mario Vega (Chile)
Genoveva García Aguirre (Mexico)	Adriana Torres (Argentina)
Maya Piñeiro (FAO) (Chile)	Valentín Rojas (Panama)
Lorena Delgado (Chile)	Miriam Etcheverry (Argentina).
Doralinda Guzmán de Peña (Mexico)	Clara Eder López (Argentina)
Virginia Robinson-Fuentes (Mexico)	Roberto Saelzer (Chile)
Ana María Dalcero (Argentina)	Andrea Patriarca (Argentina)
René Márquez (México)	Liliana Pascual (Argentina)
Marta Jaramillo (República Bolivariana de Venezuela)	Juan Carlos Medina (Mexico)
Claudio Mazzani (República Bolivariana de Venezuela)	César Mateo Flores Ortiz (Mexico)
Silvia Peña Betancourt (Mexico)	Rosalba Alonso (Mexico)
John Berry (United States of America)	Cruz Lozano Ramírez (Mexico)
Ivonne S. Santiago Morales (Mexico)	Ana Cabado (Spain)
Jeffrey M. van de Riet (Canada)	Víctor Fajer (Cuba)
Ruth Noemí Aguila-Ramírez (Mexico)	

MODERATORS

Yucatan II

Monday June 28

10:30-13:30 **Session 1: Honor Ceremony for Homero Fonseca & Dr. Gerald Wogan**
Moderators: **Amaury Martínez** (República Bolivariana de Venezuela)
 Magda Carvajal (Mexico)

16:30-20:00 **Session 2: Aflatoxins in human health.**
Moderators: **Magda Carvajal** (Mexico)
 Myrna Sabino (Brasil)

Tuesday June 29

08:30-13:30 **Session 3: Human mycotoxin diseases: DON and Aflatoxins.**
Moderators: **Carlos Alberto Da Rocha Rosa** (Brazil)
 Guilherme Prado (Brazil)

16:00-19:30 **Session 4: Advances in Fumonisin and biomarkers.**
Moderators: **Gordon S. Shephard** (South Africa)
 Amaury Martínez (República Bolivariana de Venezuela)

Wednesday June 30

08:30-13:30 **Session 5: Ochratoxin A in food, human health and its control.**
Moderators: **Mario Vega** (Chile)
 Genoveva García Aguirre (Mexico)

16:30-19:00 **Session 6: Genomic analysis of Mycotoxins.**
Moderator: **Adriana Torres** (Argentina)

Thursday July 1

08:30-12:00 **Session 7: FAO Forum/SLAM**
Food safety risk assessment of chemical contaminants.
Moderator: **Maya Piñeiro (FAO)** (Chile)

Yucatán III

Tuesday 29

8:30- 13:30 **Session 8: Mycotoxins in food and commodities.**
Moderators: **Valentín Rojas** (Panama)
 Lorena Delgado (Chile)

Wednesday June 30

08:30-13:30 **Session 9: Physiology, antibiosis, toxicity and storage problems (Part I)**
Moderators: **Miriam Etcheverry** (Argentina).
 Doralinda Guzmán de Peña (Mexico)

17:00-19:00 **Session 10: Mycotoxins in Latin America**
Moderators: **Clara Eder López** (Argentina)
 Virginia Robinson-Fuentes (Mexico).

Yucatan IV

Tuesday June 29

08:30-13:30 **Session 11: Methodology**
Moderators: **Roberto Saelzer** (Chile)
 Amaury Martinez (República Bolivariana de Venezuela)

Wednesday June 30

08:30-13:30 **Session 12: Mycotoxin Control.**
Moderators: **Ana María Dalcerro** (Argentina)
 Andrea Patriarca (Argentina)

Celestún

Monday June 28

17:00-20:00 **Round Table: Definition of the Mycotoxin Problems in the Pecuary Industry.**
Moderator: **René Márquez**

Tuesday June 29

08:30-13:30 **Session 13: Mycotoxins in swine and livestock.**
Moderator: **René Márquez** (México)
 Liliana Pascual (Argentina)

17:00-19:00 **Session 14: Mycotoxins in poultry.**
Moderators: **Juan Carlos Medina** (Mexico)
 Marta Jaramillo (República Bolivariana de Venezuela)

Wednesday June 30

08:30-13:30 **Session 15: Mycotoxin in feed and its control.**
Moderators: **Claudio Mazzani** (República Bolivariana de Venezuela)
 César Mateo Flores Ortiz (Mexico)

17:00-19:00 **Session 16: Mycotoxins in dairy cattle and milk.**
Moderators: **René Márquez** (Mexico)
 Silvia Peña Betancourt (Mexico)

PHYCOTOXIN SECTION Valladolid

Monday June 28

10:30-13:30 **Phycotoxin Session 17: Cyanobacterial and Phytoplankton Toxins**
Moderators: **Rosalba Alonso** (Mexico)
 John Berry (United States of America)

16:00-18:00 **Oral Phycotoxin Session 18: Dinoflagellate and harmful microalgae.**
Moderators: **Cruz Lozano Ramírez** (Mexico)
 Ivonne S. Santiago Morales (Mexico)

08:30-10:30 **Oral Phycotoxin Session 19: Shellfish Toxins and Diarrhetic Toxins (DSP).**
Moderators: **Ana Cabado** (Spain)
 Jeffrey M. van de Riet (United States of America)

10:30-13:30 **Oral Phycotoxin Session 20: Methods, ecology, exposure and new toxins.**
Moderator: **Víctor Fajer** (Cuba)
 Ruth Noemí Aguila-Ramírez (Mexico)

16:00-18:00 **Session 21: Round Table: Red Tide.**
Moderators: **Rosalba Alonso** (Mexico)
 Jeffrey M. van de Riet (United States of America)

CONGRESS PROGRAM

**Hotel Fiesta Americana
Merida, Yucatan, Mexico**

June 26 and 27, 09:00-18:00: **Pre-congress Workshop on Phycotoxins.** **Valladolid.**
 June 27, 09:00-18:00: **Pre-congress Workshop on Mycotoxins.** **Celestún.**
 June 27, 18:00-23:00: **Welcome Cocktail** **Terraza**, Fiesta Americana Hotel.

Welcome Opening Ceremony. **YUCATAN II** **08:30-10:00**

1. **Lic. Ivonne Aracelly Ortega Pacheco.** Constitutional Governor of the State of Yucatán.
2. **Dr. Carlos Arámburo de la Hoz**, Scientific Research Coordinator representing **Dr. José Narro Robles**. Rector of the Universidad Nacional Autónoma de México (UNAM).
3. **Dr. Alfredo Dajer Abimerhi.** Rector of the Universidad Autónoma de Yucatán.
4. **Dr. Christopher P. Wild.** Director de IARC (Agencia Internacional de Investigación en Cáncer). Lyon Francia.
5. **Dr. Maya Piñeiro.** Coordinator Food Safety and Agricultural Health. Senior Officer Food Safety and Quality.FAO, United Nations.
6. **Dr. Amaury Martínez.** President of the Latin American Society of Mycotoxicology.
7. **Dr. Tila María Pérez Ortiz.** Director of the Institute of Biology, Universidad Nacional Autónoma de México.
8. **Dr. Amanda Gálvez Mariscal.** Coordinator of the University Food Program (PUAL), Universidad Nacional Autónoma de México.
9. **Dr. Peter Scott.** Bureau of Chemical Safety, Health Canada. Organizing Committee.
10. **Dr. Timothy D. Phillips.** Texas A&M University, USA. Organizing Committee.
11. **Dr. Magda Carvajal Moreno.** Chairwoman. Universidad Nacional Autónoma de México.

08:30 -08:35 Welcome by Dr. Magda Carvajal Moreno. Chairwoman.

08:35-08:40 Welcome by Dr. Amaury Martínez, President of the Latin American Society of Mycotoxicology (SLAM).

08:40-08:45 Dr. Amanda Gálvez Mariscal. Food Program of the Universidad Nacional Autónoma de México

08:45-08:50 Dr. Maya Piñeiro. Coordinator Food Safety and Agricultural Health. Senior Officer Food Safety and Quality.FAO, United Nations.

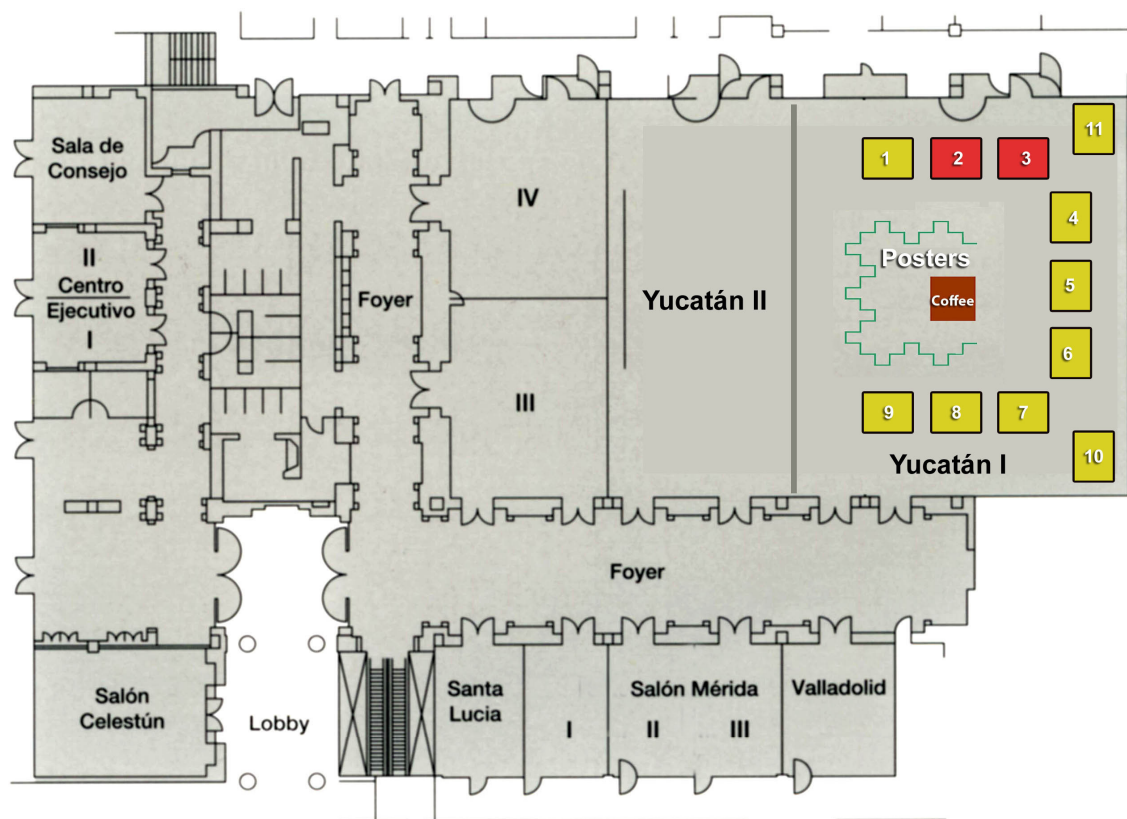
08:50-09:00 Dr. Christopher P. Wild, International Agency for Research on Cancer Director (IARC). Lyon, France.

09:00-09:10 Dr. Alfredo Dajer Abimerhi. Rector of the Universidad Autónoma of Yucatán.

09:10-09:20 Dr. Carlos Arámburo de la Hoz with the representation of Dr. José Narro Robles. Rector of the Universidad Nacional Autónoma de México.

09:20-09:30 Lic. Ivonne Aracelly Ortega Pacheco. Constitutional Gobernador of Yucatan.

Map of the Distribution of Auditories



YUCATAN I				
MYCOTOXIN SECTION				
POSTER PRESENTATIONS (10 minutes). 15:00-17:00.				
Poster Section	Subject	Groups	Poster numbers	Date
I	Mycotoxins in field crops.	1	P- 1 to P-6	Monday June 28
		2	P-7 to P-12	
		3	P-13 to P-17	
II	Mycoflora and Mycotoxin production.	4	P-18 to P-23	
		5	P-24 to P-29	
III	Mycotoxins in Commodities.	6	P-30 to P-35	
		7	P-36 to P-40	
		8	P-41 to P-45	
IV	Mycotoxins in poultry.	9	P-46 to P-50	Tuesday June 29
		10	P-51 to P-56	
V	Mycotoxins in swine	11	P-57 to P-62	
VI	Mycotoxins in bovines, rats and goats.	12	P-63 to P-66	
VII	Mycotoxins in Pets and their feed.	13	P-67 to P-71	
		14	P-72 to P-75	
VIII	Mycotoxin Methodology.	15	P-76 to P-81	Wednesday June 30
		16	P-82 to P-86	
IX	Fungal and Mycotoxin Control.	17	P-87 to P-92	
		18	P-93 to P-97	
		19	P-98 to P-102	
		20	P-103 to P-107	
PHYCOTOXIN SECTION				
POSTER PRESENTATIONS (20 minutes).15:00-17:00				
X	Cyanobacterial and Phytoplankton Toxins.	21	P-108 to P-110	Monday June 28
XI	Phycotoxins in the Atlantic area.	22	P-111 to P-112	Tuesday June 29

Posters will be hanged on Sunday June 27 afternoon (15:00-18:00) and will remain on Exhibition in the **YUCATAN I Auditory** the **whole three days June 28-30** of the congress.

Presenters should be explaining their poster in the determined times for each Poster Section, scheduled in the Poster Program, depending on the theme.

Posters should be taken away on Wednesday 18:00-19:30 hours, and can be stored in Valladolid Auditory on Wednesday afternoon, they can be recovered on Thursday July 1, 2010 morning in the same place.

All Auditories should be emptied on Thursday July 1st, 2010, just after the Closing Ceremony.

MYCOTOXIN SECTION

Yucatan I

Technological Exhibition and Poster Display

June 27- July 1st

Yucatan II

Monday June 28, 2010

Morning

08:30 -09:30 Welcome Ceremony

09:30-10:00 Video

10:00-10:30 Recess

10:30-13:30 Session 1: Honor Ceremony for Homero Fonseca & Dr. Gerald Wogan

Moderators: Amaury Martínez (República Bolivariana de Venezuela)

Magda Carvajal (Mexico)

10:30-10:50 Homero Fonseca: biographical and scientific contributions.

Myrna Sabino (Brazil)

10:50-11:30 Peanut: Fungi, mycotoxins and phytoalexins in peanut varieties, during plant growth in the field, in Brazil.

Homero Fonseca (Brazil)

with Patricia Zorzete, Tatiana A. Reis, Benedito Corrêa

11:30-11:50 Dr. Gerald Wogan: biographical and importance of scientific contributions.

John D. Groopman (United States of America)

11:50-12:40 Aflatoxin and Liver Cancer: The Role of Molecular Biomarkers in Etiology and Prevention.

Dr. Gerald Wogan (United States of America)

12:40-13:30 The global health burden of Aflatoxins

Christopher P. Wild (IARC, France) **Keynote Conference.**

13:30-15:00 Recess

15:00-17:00 Poster Session I, II, III

16:30-20:00 Session 2: Aflatoxins in human health.

Moderators: Magda Carvajal (Mexico)

Myrna Sabino (Brasil)

1. John D. Groopman (United States of America) Keynote Conference

2. Timothy D. Phillips (United States of America) Keynote Conference

with A. Robinson, N.M. Johnson, A. Streyb, J.F. Taylor, A. Marroquin-Cardona, E. Afriyie-Gyawu, N-A Ankrah, J.H. Williamse, P.E. Jolly, R. Nachman, and J-S Wang (United States of America; Ghana).

16:30-17:20 Role of Aflatoxin and the Hepatitis B Virus in human hepatocellular carcinoma.

John D. Groopman (United States of America). **Keynote Conference.**

17:20-18:10 Enterosorbent therapy for populations at risk for aflatoxicosis.

Timothy D. Phillips * Keynote Conference.

with A. Robinson, N.M. Johnson, A. Streyb, J.F. Taylor, A. Marroquin-Cardona, E. Afriyie-Gyawu, N-A Ankrah, JH Williamse, PE Jolly, R Nachman, and J-S Wang (United States of America; Ghana)

18:10-19:00 Discussion and final conclusions.

Yucatan II

Tuesday June 29, 2010

Morning

08:30-13:30 Session 3: Human mycotoxin diseases: DON and Aflatoxins.

Moderators: **Carlos Alberto Da Rocha Rosa** (Brazil)
Guilherme Prado (Brazil)

08:30-09:00 Human mycotoxicosis in South America: the beriberi cases in Brazil

Carlos Alberto da Rocha Rosa*; Kelly Moura Keller; Águida Aparecida de Oliveira; Tatiana Xavier de Almeida; Luiz Antonio Moura Keller; Ana Cláudia Marassi; Michele Valadares Deveza; Cesar Daniel Krüger; Lucila Maria Teixeira Nunes; Andrea Astoreca; Lilia Renée Cavaglieri; Arnaldo Muniz Garcia (Brazil)

09:00-09:30 Deoxynivalenol intake and urinary deoxynivalenol in UK adults.

Paul Turner*, Kay White, Victoria Burley, Richard Hopton, Anita Rajendram, Julie Fisher, Janet Cade, Christopher Wild (United Kingdom)

09:30-10:00 Determinants of Urinary Deoxynivalenol in Male Farmers from Normandy

Richard Hopton, Yannick Lecluse, Kay White, Julie Fisher, **Paul Turner***, Pierre Lebailly (United Kingdom)

10:00-10:30 Urinary Deoxynivalenol and intake measurements in a cohort of pregnant women from Bradford, UK.

Sarah Hepworth, Lorna Fraser, Victoria Burley, Rafiq Azad, Janet Cade, Laura Hardie, Patricia McKinney, **Paul Turner*** (United Kingdom)

10:30-11:00 Recess

11:00-11:30 Cases of human and animal aflatoxin poisoning in developing countries- an overview.

Bhumi Narsimha Reddy* and Chinnam Raghu Raghavender (India)

11:30-12:00 Presence of free and adducted aflatoxins and hydroxylated metabolites in human hepatocarcinomas in Mexico.

Magda Carvajal*, Mariana Díaz- Zaragoza, Gerardo Aristi-Urista, Javier Espinosa-Aguirre, Alejandro García-Carrancá, Ignacio Méndez-Ramírez (Mexico).

12:00-12:30 Genomics and molecular basis of mycotoxin induced hepatocellular carcinogenesis and its control.

Punam Jeswal (India)

12:30-13:00 Three-month clinical intervention trial with Novasil clay in Ghanaians: reduction of urinary Aflatoxin M₁ levels and no effect on serum minerals.

Natalie M. Johnson, Evans Afriyie-Gyawu, Abraham G. Robinson, Alicia Marroquín-Cardona, Lili Tang, Li Xu, Nii-Ayi Ankrah, Johnathan H. Williams, Jia-Sheng Wang, Timothy Phillips* (United States of America; Ghana).

13:00-13:30 Urinary biomarker for Fumonisin exposure in a South African rural intervention study.

Yun Yun Gong *, Liana van der Westhuizen, Christopher P Wild , Hester- Mari Burger, John P Rheeder, Wentzel CA Gelderblom, Gordon S Shephard (UK, France, South Africa)

13:30–15:00 Recess

Yucatan II

Tuesday June 29, 2010
Afternoon

15:00-17:00 Poster Session IV, V, VI, VII

16:00-19:30 Session 4: Advances in Fumonisin and biomarkers.

Moderators: **Gordon S. Shephard** (South Africa)
Amaury Martínez (República Bolivariana de Venezuela)

- 1. Peter Scott** (Canada) **Keynote Conference.**
- 2. Jia-Sheng Wang** (United States of America) **Keynote Conference.**
- 3. Ronald Riley** (United States of America) **Keynote Conference.**

16:00-16:40 Some recent discoveries about fumonisins.

Peter Scott (Canada) **Keynote Conference.**

16:40-17:20 Validation of Fumonisin Biomarkers for Studying Human Disease Risks.

Jia-Sheng Wang (United States of America) **Keynote Conference.**

17:20-18:00 Use of mechanism-based and exposure Biomarkers to assess Fumonisin toxicity in humans, animals and plants and efficacy of processing methods using mechanism-based bioassays.

Ronald Riley (United States of America) **Keynote Conference.**
with Kenneth Voss, Nicholas Zitomer, Anthony Glenn, Tantiana Burns, Alfred Merrill, Jr., Olga Torres and Janee Gelineau van Waes (United States of America).

18:00-19:00 Discussion and Conclusions.

Yucatan II
 Wednesday June 30, 2010.
 Morning

08:30-13:30 Session 5: Ochratoxin A in food, human health and its control.

Moderators: Mario Vega (Chile)
 Genoveva García Aguirre (Mexico)

08:30-09:00 Ochratoxin A producing fungi and Ochratoxin content in pistachio and peanut from Michoacán.

Iliana Tafolla-Muñoz, I, Ma. Soledad Vázquez-Garcidueñas, Gerardo Vázquez-Marrufo and **Virginia Robinson-Fuentes*** (Mexico).

09:00-09:30 Effect of two roasting processes on the Ochratoxin A reduction in coffee beans (*Coffea arabica*).

Olaya Castellanos-Onorio, Oscar González-Ríos, Bernard Guyot, Joseph Pierre Guiraud, Sabine Galindo, Noël Durand, Angélique Fontana Tachon, **Mirna Leonor Suárez-Quiroz*** (México).

09:30-10:00 Effect of plant extracts on Ochratoxin A production by *Aspergillus carbonarius*.

Roxana Cardieri, Virginia Fernández Pinto y **Andrea Patriarca*** (Argentina)

10:00-10:30 Chemical and structural modification of clay and zeolite for isothermal adsorption of Ochratoxin A.

Beatriz Moreno Ramirez, Luis Barbo Hernandez Portilla, Ignacio Peñalosa Castro, **César Mateo Flores Ortiz*** (Mexico)

10:30-11:00 Recess

11:00-11:30 Synergistic effect of Citrinin, Fumonisin and Ochratoxin A on cell viability and genotoxicity: role in human nephropathy and urothelial tract tumours.

K. Hadjeba-Medjdoub, Mariana Tozlovanu-Fergane, Virginie Faucet-Marquis, M. Peraica, Richard Manderville, **Annie Pfohl-Leszkowicz** (France)

11:30-12:00 Exposure of infants to the mycotoxin Ochratoxin A through human milk

Mario Vega*, Katherine Muñoz, Victor Campos, Meinolf Blaszkewicz, Jorge Neira, Alejandro Alvarez and Gisela H. Degen (Chile)

12:00-12:30 Isolation and characterization by LC MS/MS of C8- 2'-Deoxyguanosine OTA-Adduct from kidney DNA of rat and human exposed to OTA. Correlation with OTA metabolites in biologic fluids.

Annie Pfohl-Leszkowicz*, Virginie Faucet-Marquis, Mariana Tozlovanu, Peter Mantle, Richard A. Manderville (France, United Kingdom)

12:30-13:20 Towards understanding significance of Ochratoxin A in human health.

Peter Mantle (United Kingdom) **Keynote conference.**

13:20-13:30 Questions

13:30-15:00 Recess

15:00-17:00 Poster Session VIII, IX

16:30-19:00 Session 6: Genomic analysis of Mycotoxins.

Moderator: Adriana Torres (Argentina)

16:30-17:20 Genomic analysis provides new insights into mycotoxin production by *Aspergillus flavus*

Gary A. Payne* (United States of America) **Keynote Conference**

with D. Ryan Georgianna, Andrea L. Dolezal, Juijang Yu, Nancy P. Keller, and Charles P. Woloshuk (United States of America)

17:20-17:50 Genes and enzymes of the pathway for Fumonisin degradation of *Sphingopyxis* SP. MTA144

Wulf-Dieter Moll*, Doris Hartinger, Stefan Heint, Heidi Schwartz, Christian Hametner, Florian Strohmayer, Karin Grießler, Verena Klingenbrunner, Elsa Vekiru, Rudolf Krska, Reingard Grabherr, and Gerd Schatzmayr (Austria).

17:50-18:20 Population genetic study of *Gibberella zeae* (*Fusarium graminearum*) isolated from wheat in Uruguay.

Dinorah Pan*, Maria Marta Reynoso, Adriana Torres (Uruguay, Argentina).

18:20-19:00 Discussion and Conclusions.

20:00-24:00 Banquet in “Hacienda Ochil”.

Yucatan II
Thursday July 1, 2010
Morning



08:30–12:00 Session 7: FAO Forum/SLAM
Food safety risk assessment of chemical contaminants.

Moderator: Maya Piñeiro (FAO) (Chile)

08:30-09:00 Welcome Address
Maya Piñeiro (FAO), Amaury Martínez (SLAM) and Magda Carvajal (UNAM).

09:00- 09:30 Applying risk analysis to mycotoxin control and the Codex Alimentarius standard setting process.

Maya Piñeiro
Coordinator Food Safety and Agricultural Health
Senior Officer Food Safety and Quality, FAO

09:30-10:00 Risk assessment for the B-and C-series fumonisins in maize and maize-based beverages in rural African communities.

Gordon S. Shephard
 PROMEC, South Africa
Keynote Conference

10:00-10:30 Risk assessment and mycotoxin legislation in Brazil.

Myrna Sabino
 Institute Adolfo Lutz, Brasil
Keynote Conference

10:30-11:00 European Union: risk based regulations, sampling and import conditions for mycotoxins

Marina Miraglia
 Istituto Superiore di Sanità (Italy)

11:00-11:30 Climate change: The effect of climate change on mycotoxin contamination: an emerging risk.

Marina Miraglia *,
 with Barbara de Santis and Carlo Brera (Italy).
Keynote Conference

11:30-12:00 Demonstration of FAO/ISS sampling video.

12:00-12:30 Recess

12:30-13:00 Closing Ceremony

Amaury Martínez (SLAM- R.B. de Venezuela), **Myrna Sabino** (SLAM- Brazil), **Claudio Mazzani** (SLAM-R.B. de Venezuela), **Ana Dalcero** (SLAM Argentina) and **Magda Carvajal** (Mexico).

13:00-20:00 Visit to Chichen Itza (Optional)

Yucatán III

Tuesday June 29, 2010
Morning

8:30- 13:30 Session 8: Mycotoxins in food and commodities.

Moderators: **Valentín Rojas** (Panama)
Lorena Delgado (Chile)

08:30-09:00 Mycotoxins in food for direct consumption in Chile.

Lorena Delgado*, Luis Roa, Emilia Raymond, Orialis Villarroé (Chile)

09:00-09:30 Detección de *Fusarium* y fusariotoxinas en alimentos de consumo humano en la Ciudad de Panamá.

Valentín Rojas *, Jeanell Warner, Rolando González (Panama)

09:30-10:00 *Fusarium* emerging mycotoxins in breakfast and infants cereals from Morocco: cases of Enniatins (A, A1, B, B1), Fusaproliferin and Beauvericin.

Naima Mahnine, Guisepe Meca, Mohamed Fekhaoui, Abdellah Elabidi, Ahmed Saoiabi, Jordi Mañes, Guillermina Font, **Abdellah Zinedine** *(Morocco)

10:00- 10:30 Contamination with mold and Aflatoxins in some spices and teas on the Macedonian markets

Dzoko Kungulovski, Oliver Avramovski, **Natalija Atanasova-Pancevska*** (Macedonia).

10:30-11:00 Recess

11:00-11:40 The role of natural mycoflora on assesment of mycotoxin production in dried figs.

Dilek Heperkan, Funda Karbancioğlu-Güler, H. Imge Oktay (Turkey) (**Keynote conference**)

11:40-12:00 Questions

12:00-12:30 Effect of mycotoxins on food safety

Marina Copetti*, Julia Dvorska, Tatiana Fotina and Roman Petrov (Ukrania, Brazil).

12:30-13:00 Daily intake of carcinogenic mycotoxins including Aflatoxin, Ochratoxin A and Fumonisin based on analysis of several stapple

Mariana Tozlovanu-Fergane, Chakib El Adlouni, Tri Nguyen, Ivana Polisenska, Vladisav Stefanovic, **Annie Pfohl-Leszkowicz** * (France)

13:00-13:30 Questions

13:30-15:00 Recess

15:00-17:00 Poster Session IV, V, VI, VII

17:00-20:30 CYTED Meeting (Project Group only).

Yucatán III
 Wednesday June 30, 2010
 Morning

08:30-13:30 Session 9: Physiology, antibiosis, toxicity and storage problems (Part I)

Moderators: Miriam Etcheverry (Argentina).
 Doralinda Guzmán de Peña (Mexico)

08:30-09:00 Physiological relationship and effects of food grade antioxidants and environmental factors on growth, sclerotia, Aflatoxins and *Nor-1* expression by *Aspergillus parasiticus* Rcp08300.

Ma. Alejandra Passone, Laura Rosso, Ma. Celeste Varela, Aurelio Ciano, **Miriam Etcheverry*** (Argentina).

09:00-09:30 Detection and quantification of *Aspergillus Section Flavi* in stored peanuts by Real-Time PCR of *nor-1* and effects of storage conditions on Aflatoxins production.

María Alejandra Passone, Laura Rosso, Aurelio Ciano, **Miriam Etcheverry *** (Argentina)

09:30-10:00 Determination of the optimal conditions for Deoxynivalenol and Zearalenone production by two strains of *Fusarium graminearum*

Cristina Tabuc*, Jean Denis Bailly, Arlette Querin, Philippe Guerre (Romania).

10:00-10:30 The evaluation of storing techniques on quality characteristics and presence of Aflatoxins in Turkish red chilli pepper at semi-commercial manufacturing.

Ahmet D. Duman*, Ali A. Isikber, Serdar Oztekin, Kenan S. Dayisoğlu, Yurtsever Soysal (Turkey)

10:30-11:00 Recess

11:00-11:40 Mycotoxins in Argentina which is the Horizon?

Sofía Noemí Chulze (Argentina). **Keynote Conference.**

11:40-12:10 Antimicrobial activity of different anaerobic fungi on selected ATCC strains of microorganisms.

Natalija Atanasova-Pancevska*, Dzoko Kungulovski (Macedonia).

12:10-12:40 Antagonic activity of *Aspergillus niger* over *Aspergillus parasiticus* ATCC 16990.

Kruskaia Caltzontzin-F., **Doralinda Guzmán-de-Peña** (Mexico)

12:40-13:10 Toxicity determination of Zearalenone in *Drosophila melanogaster* Oregon-Flare and Flare strains.

Gerardo Vázquez-Gómez, Josefina Vázquez-Medrano, Rafael Quintanar-Zuñiga, Luis Santos-Cruz, Maria Eugenia Heres-Pulido, Ávila Ernesto, **César Mateo Flores-Ortiz**, Elías Piedra-Ibarra (Mexico)

13:10-13:30 Questions

13:30-15:00 Recess

15:00-17:00 Poster Session VIII, IX

17:00-19:00 Session 10: Mycotoxins in Latin America

Moderators: **Clara Eder López** (Argentina)
Virginia Robinson-Fuentes (Mexico).

17:00-17:30 Species composition of black *Aspergilli* on vineyard soils in Argentina.

Mauricio Barberis, Guillermo Gaj Merlera, Sofia N. Chulze, Maria M. Reynoso,
Adriana M. Torres (Argentina)

17:30-18:00 *Claviceps paspali* toxins identification.

Clara Eder López *, Manuel Gonzalez Sierra, Lucía Bulacio, Ruben D'Esposito
 (Argentina).

**18:00-18:30 Fumonisin in corn-based foods intended for consumption in Latin America:
 a qualitative systematic review.**

Dora Luz Duque M.*, Luz E. Cano R. (Colombia)

18:30-19:00 Questions

20:00 Transportation to Banquet in Hacienda Ochil

Yucatan IV

Tuesday June 29, 2010

Morning

08:30-13:30 Session 11: Methodology

Moderators: Roberto Saelzer (Chile)
Amaury Martinez (República Bolivariana de Venezuela)

08:30-09:00 Radioactivity and Aflatoxin in Brazil nuts.
Ariane Mendonça Pacheco*; Maristela Martins; Ana Cyra dos Santos Lucas (Brazil)

09:00-09:30 Identification of *Fusarium* metabolites by a LC-HR-MS Metabolomics approach using stable isotope labeling.

Franz Berthiller*, Georg Häubl, Gerhard Adam, Rudolf Krska, Rainer Schuhmacher (Austria)

09:30-10:00 Evaluation of mycotoxins in Brazil-nuts and coffee by two methods of detection: LC-MS/ MS(QqQ) and UPLC-Q-OA-TOF.

Vildes Maria Scussel, Aldo Rizzo, Kimmo Peltonen (Brazil)

10:00-10:40 Development of an ULPC-Q-TOF/MS method for determination of DON and its conjugated glucoside form in wheat and oats.

Vildes Ma. Scussel, Mervi Rokka, Aldo Rizzo, Marika Jestoi and Kimmo Peltonen (Brazil). **Keynote Conference.**

10:40-11:10 Recess

11:10-11:40 MALDI-TOF ICMS as a modern approach to identify potential aflatoxigenic fungi.

Paula Rodrigues, Cledir Santos, Zofia Kozakiewicz, **Armando Venâncio***, Nelson Lima (Portugal)

11:40-12:10 Determination of aflatoxin in cassava chips: Validation of new analytical method in cassava flour.

G.J. Benoit Gnonlonfin*, David R. Katerere, Yann Adjovi, Leon Brimer, Gordon S. Shephard, Ambaliou Sanni (Benin, Denmark, South Africa)

12:10-12:40 Multimycosin analysis with LC-MS/MS: toy or tool?

Michael Sulyok*, Vinay Vishwanath, Rainer Schuhmacher, Rudolf Krska (Austria)

12:40-13:10 A sensitive rapid ELISA test for the detection and quantitation of T-2 and HT-2 toxins in grain commodities

Mohamed M. Abouzied*, Aaron M. Walsh (United States of America)

13:10-13:30 Questions

19:30-21:30 SLAM SESSION

Yucatán IV
 Wednesday June 30, 2010
 Morning

08:30-13:30 Session 12: Mycotoxin Control.

Moderators: Ana María Dalcero (Argentina)
 Andrea Patriarca (Argentina)

08:30-09:00 *Lactobacillus rhamnosus* and *Lactobacillus fermentum* with potencial antifungal activity against *Aspergillus* species

Gisela Gerbaldo, Francisco Ruiz, **Liliana Pascual ***, Lilia Cavaglieri, Ana Dalcero, Lucila Barberis (Argentina).

09:00-09:30 Aflatoxin B₁ adsorption by yeast cell wall from commercial origin.

Kelly Moura Keller, Tatiana Xavier de Almeida, Rosane Nora Castro, Carina M. Pereyra, Ana María Dalcero, Lilia Renée Cavaglieri, **Carlos Alberto da Rocha Rosa*** (Argentina, Brazil)

09:30-10:00 Aqueous ozone, a friendly method for Aflatoxins degradation.

Otniel Freitas-Silva, Mariana Wagner Rocha, Célia Soares, Regina Nogueira, **Armando Venâncio** (Portugal)

10:00-10:30 Adsorption of Aflatoxin B₁, Zearalenone and Ochratoxin A by mycotoxin binders from Mexico

Alicia Marroquín-Cardona, Natalie M. Johnson, Youjun Deng, Timothy D. Phillips* (United States of America)

10:30-11:00 Recess

11:00-11:30 Biocontrol of *Aspergillus flavus* by using certain microbes – a strategy to reduce Aflatoxin contamination in sorghum grains

Bhumi Narsimha Reddy* and Chinnam Raghu Raghavender (India).

11:30-12:00 Effect of plant extracts on citrinin production by *Penicillium citrinum*

Roxana Cardieri, Virginia Fernández Pinto, **Andrea Patriarca*** (Argentina)

12:00-12:30 Efficacy of stickers in the application of the biocontrol agents *Bacillus amyloliquefaciens* and *Microbacterium oleovorans* on the maize seed.

Melina Sartori, Andrea Nesci and **Miriam Etcheverry *** (Argentina).

12:30-13:00 Production of *Fusarium verticillioides* biocontrol agents *Bacillus amyloliquefaciens* and *Microbacterium oleovorans* using different growth media and evaluation of biomass freeze-drying.

Melina Sartori, Andrea Nesci, **Miriam Etcheverry *** (Argentina).

13:00-13:30 Questions

13:30-15:00 Recess

15:00-17:00 Poster Session VIII, IX in Yucatan I

Celestún

Monday June 28, 2010

17:00-20:00 **Round Table: Definition of the Mycotoxin Problems in the Pecuary Industry.**
Moderator: **René Márquez**

Tuesday June 29, 2010.

08:30-13:30 **Session 13: Mycotoxins in swine and livestock.**

Moderator: **René Márquez (México)**
 Liliana Pascual (Argentina)

08:30-09:00 **Inhibition of *Aspergillus* section *flavi* by lactic acid bacteria (lab) isolated from brewer's grains for swine feed.**

Gisela A. Gerbaldo, Carina M. Pereyra, Francisco Ruiz, Lilia Cavaglieri, **Liliana Pascual ***, Ana Dalcerro, Lucila Barberis (Argentina)

09:00- 09:30 **Evaluation of an aluminosilicate to decrease the toxic effects of Aflatoxin B₁ in swine.**

José Antonio Fierro, Rubén Pérez-Franco, Leticia Durán, Mariana Altamirano, **Juan Carlos Medina***, Verónica Moreno y Elizabeth Rodríguez (Mexico).

09:30-10:00 **Efficacy of Curcuminoids from Turmeric (*Curcuma longa* L.) powder in reducing the toxic effects of Aflatoxin B₁ in weanling pigs.**

Roxanne Gelven, Rafael Murarolli, Lindsay Brand, **David Ledoux***, Tim Evans, Chada Reddy, **George Rottinghaus*** (United States of America)

10:00-10:30 **Influence of Fumonisin on sphingolipid metabolism in piglets.**

Heidi Schwartz*, Bertrand Grenier, Irene Schöner, Anita Seeböck, Isabelle Oswald, Gerd Schatzmayr, Wulf-Dieter Moll (Austria)

10:30-11:00 **Recess**

11:00-11:30 **Effect of MYCOFIX® addition to the swine feed on pig performance as a corrective action of the HACCP plan in a commercial farm.**
Patricia Knass*, Manuel Schweitzer, Verena Starkl, José Luis Herrera (Argentina, Austria)

11:30-12:00 **Health problems in pigs related to mycotoxins**

Margarita Trujano*, René Márquez, Julieta Sierra, Serafín Solorio (Mexico)

12:00-12:30 **Abattoir monitoring as a diagnostic tool for mycotoxins in pigs.**

Margarita Trujano*, Raúl García, René Márquez, Julieta Sierra, Serafín Solorio (Mexico)

12:30-13:00 **Genomics: a new tool for studying the effects of mycotoxins in livestock.**

David R. Ledoux*, George E. Rottinghaus, Alex J. Bermudez (United States of America)

13:00-13:30 **Questions**

13:30-15:00 **Recess**

15:00-17:00 **Poster Session IV, V, VI, VII**

17:00-19:00 Session 14: Mycotoxins in poultry.

Moderators: Juan Carlos Medina (Mexico)
Marta Jaramillo (República Bolivariana de Venezuela)

16:30- 17:00 The effects of 1.2 ppm T-2 Toxin on performance, lesions, and general health of male broilers and the efficiency of an organoaluminosilicate (Mycotoxin binder).

Juan Carlos Medina*, José Antonio Fierro, Javier Lara, Miguel Forat, Víctor Brito (Mexico)

17:00-17:30 Dietary Aflatoxins and 4,15-Diacetoxyscirpenol: Individual and combined effects in broiler chickens.

Marta Jaramillo*, Roger Wyatt, Nick Dale y Luis Silva (República Bolivariana de Venezuela)

17:30-18:00 Afolabi and Sons Mycotoxin Study Network (ASMSN)
Afolabi Nurudeen Olakunle & Afolabi Jamiu Abiodun (Nigeria)

18:00-18:30 Efecto de la interacción de aflatoxinas y las fumonisinas en pollos de engorda como modelo de estudio.

Juan Carlos Del Río García, Ernesto Ávila González, López C.C., Moreno R.C. Méndez A. A., Morales A.A.E., Ernesto Moreno Martínez (Mexico)

18:30-19:00 Questions

Celestún

Wednesday June 30, 2010.

08:30-13:30 Session 15: Mycotoxin in feed and its control.

Moderators: Claudio Mazzani (República Bolivariana de Venezuela)
César Mateo Flores Ortiz (Mexico)

08:30-09:00 Effects of feeding diets naturally contaminated with Aflatoxins on animal protein.

Silvia Denise Peña Betancourt * (Mexico)

09:00-09:30 Evaluation of nutrient contents and some mycotoxin levels using maize in animal nutrition in Bandirma province of Turkey.

H. Eseceli *, N. Değirmencioğlu , A. Değirmencioğlu , U.Günşen (Turkey)

09:30-10:00 Isolation and identification of mycotoxigenic fungi in fish meals used for preparation of animal feeds.

Crucita Graü, Eugenia Márquez, Gabriela Figueroa, Daniel Muñoz, Aracelys Zerpa, Jorge Maza (República Bolivariana de Venezuela).

10:00-10:30 Determination of mycotoxins in fish feed from *Tilapia* (*Oreochromis* spp) in Nayarit, Mexico.

Carlos Humberto Rodríguez-Cervantes, Antonio Javier Ramos, Miguel Mata-Montes de Oca, Irma Martha Medina-Díaz, Aurora Elizabeth Rojas-García, María Lourdes Robledo-Marenco, Manuel Iván Girón-Pérez * (Mexico)

10:30-11:00 Recess

11:00-11:30 Occurrence of mycotoxins in round bale silage.

Pascal Drouin*, Carole Lafrenière (Canada)

11:30-12:00 Mycotoxin contamination 2009: worldwide occurrence in components destined for feed

Ines Rodrigues, Karin Griessler, Ursula Hofstetter, **Verena Starkl *** (Austria).

12:00-12:30 Level determination of Deoxinivalenol (DON) in canine commercial balanced feeding at the Bolivarian Republic of Venezuela.

Gema Maniglia, Elias Ascanio, Elena Briceño, Sergio Flores, Simon Comerma, **Darwin Arrieta*** (República Bolivariana de Venezuela)

12:30-13:00 Natural occurrence of mycotoxins used in animal production in Mexico during years 2007-2009.

César Mateo Flores Ortiz, Luis Barbo Hernández Portilla, Josefina Vázquez Medrano, Ignacio Peñalosa Castro, **Martín David Manzanares Gomez *** (Mexico)

13:00-13:30 Study of fungi and their toxigenic potential isolated from Pakistani poultry feed and feed ingredients.

Muhammad Kashif Saleemi*, M. Zargham Khan, Ahrar Khan, Sohail Hameed, M. Aamer Mehmood, Ijaz Javed Zahoor –Ul-Hasan and M. Raza Hameed (Pakistan).

13:30-15:00 Recess

15:00-17:00 Poster Session VIII, IX

17:00-19:00 Session 16: Mycotoxins in dairy cattle and milk.

Moderators: **René Márquez** (Mexico)

Silvia Peña Betancourt (Mexico)

17:00-17:30 Factors affecting carry-over of Aflatoxin M₁ in the milk of dairy cows given Aflatoxin B₁ in their feed.

Malka Britzi, Shmuel Friedman, Ran Solomon, Joshua Miron, Stefan Sobak, Rina Ashkenazy, Olga Cuneah, **Alan Shlosberg *** (Israel)

17:30-17:55 Micotoxinas en rastrojos de maíz destinados al consumo de bovinos productores de leche en Tepatitlán, Jalisco, México.

Waldina Reyes, Severiano Patricio, Humberto Ramírez, María Laura González Pereyra, Carla Barberis, Ana Dalcero, Lilia Cavaglieri (Mexico, Argentina).

17:55-18:20 Estudio *In vivo* de dos modelos de exposición a Aflatoxina B₁ en raciones de bovinos con y sin adsorbentes y su correlación con AFM₁ en leche.

Severiano Patricio, Federico Rojo, Ernesto de Lucas, Víctor Isaías, Martha Natal, **Waldina Reyes** (Mexico).

18:20-18:50 Contaminación con AFM₁ en quesos fresco, adobera y asadero elaborados artesanalmente en la región de los Altos, Jalisco.

Federico Rojo, Armando Toral, Severiano Patricio, Elizabeth Martín, Leticia Orozco, Mayra Serrano, **Waldina Reyes** (Mexico)

18:50-19:00 Questions

20:00-24:00 Banquet in Hacienda Ochil.

PHYCOTOXIN SECTION

Valladolid

Monday 28

10:30-13:30 Phycotoxin Session 17: Cyanobacterial and Phytoplankton Toxins

Moderators: Rosalba Alonso (Mexico)
John Berry (United States of America)

10:30-11:30 The Role of Cyanobacteria in Harmful Algae Bloom (HAB) Events

Wayne W. Carmichael. Keynote Conference (United States of America).

11:30-12:20 Bioaccumulation of Cyanobacterial Toxins by commercially important fish and invertebrates from two Mexican lakes, Lake Catemaco and Lake Patzcuaro.

John Berry*, Fernando Bernal-Brooks, Laura Lind-Dávalos, Owen Lind (United States of America, Mexico)

12:20-13:00 Health risk for elite canoeing and kayaking paddlers in eutrophicated water with Cyanobacterial blooms of (*Microcystis* sp and *Planktothrix* sp).

Alejandro Alva-Martínez*, Pedro Ramírez-García P y Nidia Barrios-Caballero (Mexico)

13:00-13:30 Questions

13:30-15:00 Recess

Yucatan I

Monday 28

15:00-17:00 Poster Session X: Cyanobacterial and Phytoplankton Toxins

Moderator: Cruz Lozano-Ramírez (Mexico)

15:00-15:20 *In vitro* cytotoxicity of Cyanobacterial crude extract from Antioquia (Colombia)

Natalia Andrea Herrera*, Jaime Palacio, Fernando Echeverri (Colombia).

15:20-15:40 Bioassays to detect toxicity in cultures of Marine Microalgae

Cruz Lozano-Ramírez, Mónica Cristina Rodríguez-Palacio*, Álvarez-Hernández, Sergio, Miguel Angel Flores Mejía, Germán Vega Juárez, Maria Lilian Acosta Martínez (Mexico).

15:40-16:00 Seasonal variation of toxicity in Marine Macroalgae of Veracruz, Gulf of Mexico

Álvarez-Hernández Sergio, Cruz Lozano-Ramírez, Hernández Reyes Brissia Maribel, Jessica Salazar Paredes, Mónica Cristina Rodríguez-Palacio* (Mexico)

Valladolid

Monday 28
Afternoon

16:00-18:00 Oral Phycotoxin Session 18: Dinoflagellate and harmful microalgae.

Moderators: Cruz Lozano Ramírez (Mexico)
Ivonne S. Santiago Morales (Mexico)

16:00-16:20 Strains of Toxic and Harmful Microalgae, from wastewater, marine, brackish and fresh water

Mónica Cristina Rodríguez-Palacio, Sergio Álvarez-Hernández, Cruz Lozano-Ramírez (Mexico)

16:20-16:40 First report of *Pyrodinium bahamense* var. *bahamense* (Gonyaulacales: Goniodomataceae), Toxic Dinoflagellate in Campeche Bay, Mexico.

*Carlos A. Poot-Delgado, Wilbert A. Borges-Ontiveros, Beatriz Peres-Cruz (Mexico)

16:40-17:00 Growth and toxicity of *Pseudo-Nitzschia australis* strains isolated from Todos Santos Bay, Baja California, México.

Ivonne S. Santiago-Morales, Ernesto García-Mendoza (México)

17:30-18:00 Questions

Valladolid

Tuesday June 29

08:30-10:30 Oral Phycotoxin Session 19: Shellfish Toxins and Diarrhetic Toxins (DSP).

Moderators: Ana Cabado (Spain)
Jeffrey M. van de Riet (United States of America)

08:30-09:00 Detection of ASP and PSP Shellfish toxins: comparison of PSP-ELISA vs Mouse Bioassay and ASP-ELISA vs HPLC in different presentations of seafood.

Elina Garet, Jorge Lago, Juan. M. Vieites, África González-Fernández and Ana. G. Cabado* (Spain)

09:00-09:30 Harmful Algae Blooms and Paralytic Shellfish Toxins in Bahía de Acapulco, Guerrero.

Beatriz Pérez Cruz*, Jesús Díaz Ortiz, Ismael Gárate-Lizárraga, Mario Alarcón-Tacuba, Mario Alberto Alarcón-Romero, Saúl López-Silva (Mexico).

09:30-10:00 Comparison of three methods of analysis for the determination of Paralytic Shellfish Toxins in lobster (*Homarus americanus*) hepatopancreas.

Jeffrey M. van de Riet*, Ryan S. Gibbs, Barbara Niedzwiadek, Dorothea F.K. Rawn (Canada)

10:00-10:30 Effect of Diarrhetic Toxins (DSP) from *Prorocentrum lima* in Fischer 344 rats: study of the hepatocarcinogenic capability of DSP using the resistant hepatocyte model

Laura I. González-Rivera, Ana Gago-Martínez, Jesús Pérez-Linares, Saúl Villa-Treviño* (Mexico)

10:00-10:30 Recess

10:30-13:30 Oral Phycotoxin Session 20: Methods, ecology, exposure and new toxins.

Moderator: Víctor Fajer (Cuba)
Ruth Noemí Aguila-Ramírez (Mexico)

10:30-11:00 Compound detection from *Stypopodium zonale* by means of a gel chromatographic automatic system with a laser polarimetric detector.

Olga Valdés, Víctor Fajer, Salvador Naranjo, Yamila Colon, Rodrigo Patiño, Nereida Díaz (Cuba, Mexico).

11:00-11:30 Antibacterial and antifouling activity of Marine Algae in the Gulf of California

Ruth Noemí Aguila-Ramírez*, Anabel Arenas-González, Bárbara González-Acosta, Claire Hellio, Claudia Judith Hernández- Guerrero*, Kim Mason (Mexico)

11:30-12:00 Quantitative exposure assessment to phycotoxins by recreative harvesters: first results.

Cyndie Picot, François-Gilles, Alain-Claude Roudot*, Dominique Parent-Massin (France).

12:00-13:00 Emerging Marine Toxins: Spirolides, Gymnodimines, Pinnatoxins, Pteriatoxins, and Prorocentrolides.

Michael A. Quilliam (Keynote Conference) (Canada)
with Shawna L. MacKinnon, Patricia LeBlanc, William Hardstaff, Nancy Lewis, Rex Munday.

13:00-13:30 Questions

13:30-15:00 Recess

Yucatan I

Tuesday June 29

15:00-15:40 Poster Session XI: Phycotoxins in the Atlantic area

Moderators: Cruz Lozano-Ramírez (Mexico)
Ivonne Santiago-Morales (Mexico)

15:00-15:20 Knowledge transfer network for prevention of mental diseases and cancer in the Atlantic area (Pharmatlantic)

María José Chapela, Luis M. Botana, Martiña Ferreira, Jorge Lago, Juan M. Vieites, Ana G. Cabado* (Spain)

15:20-15:40 Advanced tests about new toxins appeared in the European Atlantic area (Atlantox)

Martiña Ferreira, Luis M. Botana, María José Chapela, Jorge Lago, Juan M. Vieites, Ana G. Cabado* (Spain)

15:40-16:00 Recess

VALLADOLID

Tuesday June 29
Afternoon

16:00-18:00 Session 21: Round Table: Red Tide.

Moderators: **Rosalba Alonso** (Mexico)
Jeffrey M. van de Riet (United States of America)

1. **Wayne Carmichael** (United States of America)
2. **Michael Quilliam** (Canada)
3. **Rosalba Alonso** (Mexico)
4. **Ana Cabado** (Spain)
5. **Jeffrey M. van de Riet** (United States of America)

17:50-18:00 General Conclusions

Visit to SISAL **Wednesday June 30**

09:00- 17:00 Visit to Sisal.
20:00 Banquet at Hacienda Ochil.

YUCATAN II

Thursday July 1
Morning

08:30–12:00 Session 8: FAO Forum/SLAM
Food safety risk assessment of chemical contaminants.

12:30-13:00 Closing Ceremony

Amaury Martínez (SLAM- R.B. de Venezuela), **Myrna Sabino** (SLAM- Brazil),
Claudio Mazzani (SLAM-R.B. de Venezuela), **Ana Dalcero** (SLAM Argentina) and
Magda Carvajal (Mexico).

13:00-20:00 Visit to Chichen Itza (Optional)

MYCOTOXIN SECTION YUCATAN I Poster Presentations (Afternoons 13:30-17:00)

Poster Section I: Mycotoxins in field crops. Groups 1, 2 and 3.

Monday June 28

Group 1 (P-1 to P-6): Each presentation in 10 min.

- P-1 Aflatoxin production for Mexican strains of *Aspergillus flavus* in immature corn grains.**

Arturo Gerardo Valdivia Flores*, María Carolina de Luna López, Raúl Ortiz Martínez, Teódulo Quezada Tristán, Armando Martínez de Anda, Ernesto Moreno Martínez (Mexico).
- P-2 Detection of *Fusarium* spp, Deoxynivalenol and Zearalenone contamination in wheat from Mexico City**

Liliana González Osnaya*, Amelia Farrés González-Saravia (Mexico)
- P-3 *Fusarium* mycotoxin concentrations in straw, chaff, and grain of soft red winter wheat expressing a range of resistance to *Fusarium* Head Blight**

George E. Rottinghaus, Beth K. Tacke, Tim J. Evans, Michelle S. Mostrom, Laura E. Sweets, Anne L. McKendry (United States of America)
- P-4 Influence of environmental factors on growth and mycotoxin biosynthesis of *Fusarium*. perspectives on future climatic conditions in Spain.**

P. Marín, A. Cruz, N. Magan, M. Jurado, Covadonga Vázquez*, Ma.Teresa González-Jaén (España)
- P-5 Evaluación de híbridos de maíz amarillo ante *Fusarium verticillioides* en siembras experimentales en tres localidades del Estado Portuguesa, Venezuela.**

Marleny Chavarri, Odalis Luzón, Claudio Mazzani*, Jesús Alezones, Alberto Chassaingne, Natacha Hernández (Republica Bolivariana de Venezuela)
- P-6 *Fusarium* species isolated from corn kernels.**

Genoveva García Aguirre*, Rebeca Martínez Flores (Mexico).

Poster Section I: Mycotoxins in field crops.

Monday June 28

Group 2 (P-7 to P-12): Each presentation in 10 min.

- P-7 *Fusarium* head blight and Deoxynivalenol accumulation in wheat germplasms.**

Pablo Antonio Copia, Ma. Cecilia Farnochi, Juan Gerardo Annone, Sofia Chulze (Argentina)
- P-8 Endophytic infection by toxigenic strain of *Fusarium verticillioides* on plant development: a comparative study between resistant and susceptible maize hybrids.**

Silvina Lorena Arias, Martín Theumer, Héctor Rubinstein * (Argentina)

- P-9 *Aspergillus flavus* and aflatoxins in white grains maize hybrids from experimental fields of two localities at Yaracuy States, Venezuela.**

Odalís Luzón*, Marleny Chavarri, Claudio Mazzani, Jesús Alezones, Alberto Chassaingne (República Bolivariana de Venezuela)

- P-10 Screening for aflatoxin in corn in Sonora.**

Genoveva García Aguirre*, Rebeca Martínez Flores (Mexico)

- P-11 Screening for aflatoxin in corn in Sinaloa.**

Genoveva García Aguirre*, Rebeca Martínez Flores (Mexico)

- P-12 Screening for aflatoxin in corn in Tamaulipas.**

Genoveva García Aguirre*, Rebeca Martínez Flores (Mexico)

Poster Section I: Mycotoxins in field crops.

Monday June 28

Group 3 (P-13 to P-17): Each presentation in 10 min.

- P-13 Development of Brazil nuts De-Sheller Versus fungi deterioration and quality improvement.**

Daniel Manfio, Julio Nelson Scussel, Manuel de Nazaré Ferreira Rodrigues, **Vildes Maria Scussel** (Brazil)

- P-14 Comparison of precolumn and postcolumn derivatization systems for the Liquid Chromatographic determination of Aflatoxins in peanuts**

Renata Galhardo Borguini*, Ronoel Luiz de Oliveira Godoy, Sidney Pacheco, Jeane Santos da Rosa, Juliana Scofano Barrabin (Brazil)

- P-15 Deoxynivalenol content of cereals in Romania between 2005-2008**

Daniela Marin*, Ionelia Taranu, Cristina Tabuc, Loredana Calin (Romania)

- P-16 Natural contamination with Nivalenol and Deoxynivalenol in durum wheat germplasms in Argentina.**

Sofia A. Palacios, Ma Cecilia Farnochi, Ma Laura Ramirez, Ma Marta Reynoso, Diego Zappacosta, Daniela Soresi, **Adriana M. Torres*** (Argentina).

- P-17 Natural occurrence of mycotoxins in rape and flax seed in Lithuania**

Audrone Mankeviciene*, Skaidre Suproniene, Irena Brazauskiene, Elvyra Gruzdeviene (Lithuania)

Poster Section II: Mycoflora and Mycotoxin production. Groups 4 and 5.

Monday June 28

Group 4 (P-18 to P-23): Each presentation in 10 min.

P-18 Mycoflora associated to bee pollen collected by domesticated bees.

Carlos Manuel Bucio-Villalobos*, Gustavo López-Preciado, Oscar Alejandro Martínez-Jaime, Juan José Torres-Morales (Mexico).

P-19 Fungal contamination of bee pollen stored by one year under different conditions.

Carlos Manuel Bucio-Villalobos*, Gustavo López-Preciado, Oscar Alejandro Martínez-Jaime, Juan José Torres-Morales (Mexico).

P-20 Characterisation of *Aspergillus* strains isolated from groundnuts in Burkina Faso

Pane Bernadette Ouattara / Sourabie, Philippe Augustin Nikiema, Alfred S. Traore (Burkina Faso)

P-21 Identification of aflatoxin producing isolates of *Aspergillus flavus* through common culture media modification.

Genoveva García Aguirre, Rebeca Martínez Flores (Mexico)

P-22 Fungal microbiota of stored *OGI* - A fermented maize gruel in Nigeria.

A. Mobolaji Omemu* and Mobolaji Bankole (Nigeria)

P-23 Study of the environmental fungal flora in Salami cryer's room.

M. Belén Jaquet, Martha Gladys Medvedeff, M. Celina Vedoya, Beda E. Mereles Rodríguez, Miriam Chade, Cecilia Villalba, Ricardo Meza Thomas, **Patricia S. Knass** (Argentina).

Poster Section II : Mycoflora and Mycotoxin production .

Monday June 28

Group 5 (P- 24 to P-29): Each presentation in 10 min.

P-24 Chemotypes and genotypes characterization in *Fusarium graminearum* species complex isolated from soybean in Argentina.

Germán G. Barros*, María S. Alaniz-Zanón, María S. Oviedo, María L. Ramírez, María M. Reynoso, **Adriana M. Torres**, Sofía N. Chulze (Argentina)

P-25 Fumonisin and their hydroxylates from sorghum of the State of Morelos.

Magda Carvajal *, Robert Montes, Ignacio Méndez (Mexico)

P-26 Toxigenic profile of *Alternaria* species isolated from soybean seeds.

María Silvina Oviedo, María Laura Ramírez, Germán Gustavo Barros, **Sofía Noemí Chulze** (Argentina) .

P-27 Evaluation of Ochratoxin A production by the main *Aspergillus* section *circumdati* species

Jéssica Gil-Serna, Belén Patiño*, Noelia Sardiñas, María Teresa González-Jaén, Covadonga Vázquez (Spain)

P-28 Modelling of *A. parasiticus* growth under non optimal environmental conditions.

Daiana Garcia, Antonio J. Ramos, Vicente Sanchis, Sonia Marín* (Spain)

P-29 Variability of mycotoxin production by *Alternaria* strains isolated from different substrates in Argentina

Laura Terminiello, Virginia Fernández Pinto*, Andrea Patriarca (Argentina).

Poster Section III: Mycotoxins in Commodities. Group 6, 7 and 8.

Monday June 28

Group 6 (P-30 to P-35): Each presentation in 10 min.

P-30 Molds and aflatoxins in peanut butter – sugar candies (Mazapán).

Genoveva García Aguirre*, Rebeca Martínez Flores (Mexico)

P-31 Mold profiles on stored green coffee.

Genoveva García Aguirre*, Rebeca Martínez Flores (Mexico)

P-32 Advances in detecting aflatoxigenic *Aspergillus flavus* from soil samples of cornfields in Jalisco, Mexico

Alberto J. Valencia-Botín*, Themis J. Michailides, Peter J. Cotty (Mexico, United States of America)

P-33 Aflatoxins (B₁, B₂, G₁ and G₂) in Mexican and Spanish rice and their application in a mutagenicity Ames test with *Salmonella typhimurium* TA-98.

Elena Suárez-Bonnet, Magda Carvajal*, Ignacio Méndez-Ramírez, Pável Castillo-Urueta, José María Melero-Vara (Mexico, Spain)

P-34 Aflatoxins in hot pepper from Puebla and Mexico City.

Julio César Sánchez, Magda Carvajal, Ignacio Méndez, Mariana Díaz-Zaragoza* (Mexico).

P-35 Aflatoxins in industrialized hot pepper chilli sauces.

Horacio Carvajal-Domínguez, Magda Carvajal*, Ignacio Méndez, Mariana Díaz Zaragoza (Mexico).

Poster Section III: Mycotoxins in Commodities

Monday June 28

Group 7 (P-36 to P-40): Each presentation in 10 min.

P-36 Aflatoxins in maize tortillas of Mexico City.

Pável Castillo-Urueta *, Magda Carvajal, Ignacio Méndez, Amanda Gálvez (Mexico).

P-37 Identification and quantification of Aflatoxin and its hidroxilated metabolites in German wine. Study on the detection of a carcinogen.

Parsifal Fidelio Islas Morales *, Magda Carvajal, Jens Viehweg (Mexico, Germany)

P-38 Efecto del procesamiento del trigo sobre la micobiota y niveles de DON en la elaboración de pastas alimenticias.

Amaury Martínez*, Adry Mendoza (República Bolivariana de Venezuela)

P-39 Determinación de Fumonisin durante la elaboración de harina de maíz mediante las técnicas de HPLC y ELISA

Patricia Gómez, Amaury Martínez* (República Bolivariana de Venezuela)

P-40 Microorganisms and mycotoxins associated with food commodities in Cameroon.

Zachee Ngoko, Daoudou, H. Imele, P.T. Kamga, S. Mendi, M. Mwangi, R.Bandyopadhyay (Cameroon)

Poster Section III: Mycotoxins in Commodities.

Monday June 28

Group 8 (P-41 to P-45): Each presentation in 10 min.

P-41 Mycotoxins in stored corn and their relation to environment and grain characteristics.

Padkova and Vildes Maria Scussel (Brasil).

P-42 Co-occurrence of Aflatoxins, Ochratoxin A and Zearalenone in *Capsicum* powder samples available on the Spanish market.

Liliana Santos, Sonia Marín, Vicente Sanchis, Antonio J. Ramos* (Spain)

P-43 Ochratoxin A in roasted coffee in Catalonia, Spain.

María Bernarda Coronel, Sonia Marín, Antonio J. Ramos, Vicente Sanchis* (Spain).

P-44 Association of caffeine and Ochratoxin A in Guarana (*Paullinia cupana*, Mart.)

Ariane Mendonça Pacheco*; Ana Cyra Dos Santos Lucas (Brazil)

P-45 Dietary intake of Aflatoxins by Catalanian (Spain) population.

German Cano-Sancho, Antonio J. Ramos, Sonia Marín and Vicente Sanchis* (Spain)

Poster Section IV: Mycotoxins in poultry . Groups 9 and 10.

Tuesday June 29

Group 9 (P-46 to P-50): Each presentation in 10 min.

P-46 Aflatoxins in breasts of laying hens.

Mariana Díaz-Zaragoza*, Magda Carvajal, Ignacio Méndez, Nahlleli Civi-Chilpa, Ernesto Ávila, César Mateo Flores-Ortiz (Mexico).

P-47 Aflatoxins in gizzards of laying hens.

Mariana Díaz-Zaragoza*, Magda Carvajal, Ignacio Méndez, Nahlleli, Civi-Chilpa, Ernesto Ávila, César Mateo Flores-Ortiz (Mexico).

P-48 Recovery of Aflatoxins from feed to liver of laying hens.

Mariana Díaz-Zaragoza*, Magda Carvajal, Ignacio Méndez, Nahlleli, Civi-Chilpa, Ernesto Ávila, César Mateo Flores-Ortiz (Mexico).

P-49 Aflatoxin and Cyclopiazonic Acid production by *Aspergillus* Section Flavi associated to poultry feed.

Andrea Astoreca, Ana Dalcero, **Graciela Vaamonde*** (Argentina)

P-50 Evaluation of the histopathological lesions in the digestive tract of broilers consuming diets contaminated with 100 and 200 µg/kg of Aflatoxin B₁.

Isamery Machado, Luis Silva, Jose Carabaño, Elias Ascanio, Antonio Rodriguez, Santiago Alayon, **Darwin Arrieta*** (Republica Bolivariana de Venezuela)

Poster Section IV: Mycotoxins in poultry.

Tuesday June 29

Group 10 (P-51 to P-56): Each presentation in 10 min.

P-51 Recovery of aflatoxins from feed to egg quantified by HPLC.

Lizeth Paola Falcón-Campos, **Magda Carvajal ***, Ignacio Méndez, Nahlleli Civi-Chilpa, Ernesto Ávila-González, César Mateo Flores-Ortiz (Mexico)

P-52 Aflatoxins in laying hen feed and its recovery in poultry litter by HPLC.

Itzia Gabriela Cortés-Sánchez, **Magda Carvajal ***, Ignacio Méndez, Nahlleli, Civi-Chilpa, Ernesto Ávila, César Mateo Flores-Ortiz (Mexico).

P-53 Occurrence of toxigenic fungi and aflatoxins ability of *Aspergillus* section *flavi* species in poultry feeds.

Maria del Pilar Monge*, Lilia Cavaglieri, Ana M. Dalcero, Carina E. Magnoli, **Stella M. Chiacchiera** (Argentina)

- P-54 Effect of an organic sequestering in the values of red blood cells, hematocrit, hemoglobin and gross lesions of broilers fed with diets contaminated with Aflatoxin B₁ (90 µg/kg) for 28 days**

Mary Urbina, Isamery Machado, Irina Colina, Odalis Luzon, Claudio Mazzani, Vasco De Basilio, Mario Rossini, Monica Ardila, Abelardo Morales, **Darwin Arrieta*** (República Bolivariana de Venezuela)

- P-55 The effects of 1.2 ppm T-2 toxin on performance, lesions, and general health of male broilers and the efficiency of an organoaluminosilicate (Mycotoxin Binder).**

Juan Carlos Medina*, José Antonio Fierro, Javier Lara, Miguel Forat and Víctor Brito (Mexico)

- P-56 Determinación de Fumonisin B₁ y Aflatoxinas en alimentos para aves usando HPLC**

Luiney Sepúlveda, **Amaury Martínez*** (República Bolivariana de Venezuela)

Poster Section V: Mycotoxins in swine. Group 11.

Tuesday June 29

Group 11 (P-57 to P-62): Each presentation in 10 min.

- P-57 Effects of dietary treatments containing various concentrations of corn naturally contaminated with Fumonisin (FB₁) on performance of nursery pigs.**

Shelley Turner*, David. R. Ledoux, George. E. Rottinghaus, Marcia C. Shannon (United States of America)

- P-58 Efficacy of two adsorbents in ameliorating the effects of fumonisin (FB₁) supplied by naturally contaminated corn on the performance, blood, and liver chemistry of nursery pigs.**

Shelley Turner*, David R. Ledoux, George E. Rottinghaus, J. Broomhead, Marcia C. Shannon (United States of America)

- P-59 Comparative effects of Zearalenone and its metabolites on several immune functions in porcine blood mononuclear cells.**

Ionelia Taranu*, Daniela Marin, Monica Burghilea (Romania)

- P-60 Evaluation of an aluminosilicate to decrease the toxic effects of Aflatoxin B₁ in swine.**

José Antonio Fierro, Rubén Pérez-Franco, Leticia Durán, Mariana Altamirano, **Juan Carlos Medina ***, Verónica Moreno, Elizabeth Rodríguez (Mexico)

- P-61 Occurrence of Fumonisin in swine feeds from Misiones (NE Argentina).**

Patricia Knass*, Emilia Ciano Bovier, Gabriela Cano, Daniela Taglieri, Manuel Schweitzer, Verena Starkl, José Luis Herrera and Ana Pacin (Argentina, Austria)

- P-62 Interannual changes in Aflatoxins content in swine feeds in Misiones (NE Argentina).**

Patricia Knass*, Emilia Ciano Bovier, Gabriela Cano, Daniela Taglieri, Manuel Schweitzer, Verena Starkl, José Luis Herrera, Ana Pacin (Argentina, Austria)

Poster Section VI: Mycotoxins in bovines, rats and goats. Group 12.

Tuesday June 29

Group 12 (P-63 to P-66): Each presentation in 10 min.

- P-63 Fungal contamination of corn silage used as feed for beef cattle assessment.**

Teódulo Quezada Tristán*, Jazmín Janet Velázquez Guerrero, Arturo Gerardo Valdivia Flores, Ernesto Flores Ancira, Raúl Ortiz Martínez, Armando Martínez de Anda (Mexico).

- P-64 *Saccharomyces cerevisiae* strains with AFB₁ binding and beneficial effects on the ruminal ecosystem.**

Cecilia A. Dogi; Romina Armando; Ricardo Ludueña; Ana Dalcero; **Lilia Cavaglieri*** (Argentina)

- P-65 A Clinical-Laboratory investigation of systemic mycosis in male goats due to *Penicillium* and *Aspergillus* spp, in mouldy maize and fodder in Kathmandu Valley Nepal.**

Kedar Karki*, Purnima Manandhar, Salina Manandhar, Praggya Koirala (Kathmandu, Nepal).

- P-66 Oxidative stress in rat spleen mononuclear cells exposed to AFB₁ and FB₁: time-course accumulation of ROS.**

Verónica Mary, Martín Theumer, **Héctor Rubinstein*** (Argentina)

Poster Section VII: Mycotoxins in Pets and their feed. Group 13 and 14.

Tuesday June 29

Group 13 (P-67 to P-71): Each presentation in 10 min.

- P-67 Aflatoxins natural contamination in pets commercial foods**

Silvia D. Peña Betancourt *, Filiberto Pérez de la C., Monserrat G, Meinguer C., Susana E. Murillo R, Laura Segura M (Mexico).

- P-68 Mycobiota and aflatoxins in raw materials and pet food in Brazil.**

Sergio Gaspar de Campos*, Lilia Cavaglieri, Maria Guillermina Fernández Juri, Ana María Dalcero, Cesar Krüger, Luiz Antônio Moura Keller, Carina Magnoli, Carlos Alberto Da Rocha Rosa (Brazil, Argentina)

- P-69 Mycological survey in feeds intended for Psittaciforms and Passeriforms raised as pet birds.**

Beatriz Dias Queiroz, Kelly Moura Keller, Carina E. Magnoli, **Carlos Alberto da Rocha Rosa*** (Argentina, Brazil)

P-70 Toxigenic fungal and mycotoxins in petfood for wild birds.

Vanessa Simão; Karina Koerich de Souza; José Junior Mendonça Xavier; **Vildes Maria Scussel*** (Brazil)

P-71 Determination of the profile of ingredients in feed for pet birds *versus* mycotoxins contamination

Vanessa Simão, Karina Koerich de Souza, **Vildes Maria Scussel** (Brazil)

Poster Section VII: Mycotoxins in Pets and their feed.

Wednesday June 30

Group 14 (P-72 to P-75): Each presentation in 10 min.

P-72 Dogs and cats pathologies mycotoxins related - A survey.

Karina Koerich de Souza, Vanessa ~Simao, **Vildes Maria Scussel** (Brazil)

P-73 Effects of *Enterococcus* sp isolated from canine faeces in *Aspergillus* Section *flavi* growth and AFB₁ production.

María Guillermina Fernández Juri, Julián Muzzolón, Carla Barberis, **Ana María Dalcero***, Carina Magnoli (Argentina)

P-74 Aflatoxin B₁ adsorption by yeast isolated from dog food and faeces.

Ma. Guillermina Fernández Juri, Julián Muzzolón, Carla Barberis, Ana Dalcero, Carina Magnoli (Argentina)

P-75 Toxigenic mycoflora and aflatoxins production ability in feed intended for breeding Chinchilla.

Florencia L., González Pereyra M.L., Pena G., Lilia Cavaglieri, **Ana María Dalcero***, Carlos Alberto da Rocha Rosa, Carina Magnoli (Argentina, Brazil)

Poster Section VIII: Mycotoxin Methodology. Groups 15 and 16.

Wednesday June 30

Group 15 (P-76 to P-81): Each presentation in 10 min.

P-76 Rapid HPLC method for simultaneous detection of aflatoxins and cyclopiazonic acid from *Aspergillus* section *Flavi*

Célia Soares, Paula Rodrigues, Otniel Freitas-Silva, Luís Abrunhosa, **Armando Venâncio*** (Portugal)

P-77 Comparative Performance of Fluorometry and High Performance Liquid Chromatography in the Detection of Aflatoxin M₁ in two Commercial Cheeses.

Gustavo Peña, Antonio Gallo, **Duarte Diaz*** (Mexico, United States of America)

P-78 Multi-component analysis of the mycotoxins in food and feed by LC-MS/MS

B. Krapivkin*, A. Komarov and A. Panin (Moscow, Russia)

P-79 Comparison of precolumn and postcolumn derivatization systems for the Liquid Chromatographic determination of Aflatoxins in peanuts

Renata Galhardo Borguini*, Ronoel Luiz de Oliveira Godoy, Sidney Pacheco, Jeane Santos da Rosa, Juliana Scofano Barrabin (Brazil)

P-80 Analysis of T-2 and HT-2 toxins in soybean and soy meal using immunoaffinity clean-up and High Performance Liquid Chromatography.

Germán G. Barros, Daiana García, María S. Oviedo, María L. Ramírez, Adriana M. Torres, **Sofía N. Chulze*** (Argentina)

P-81 Optimization and validation of a Liquid Chromatographic method for the determination of Ochratoxin A in wines

Maritza Alvarado, Gisela Ríos, **Mario Vega*** and Mario Aranda (Chile)

Poster Section VIII: Mycotoxin Methodology.

Wednesday June 30

Group 16 (P-82 to P-86): Each presentation in 10 min.

P-82 Characterization by molecular markers (AFLP) of *Aspergillus* Section *Nigri* isolated from grapes in Argentina.

Ma. Laura Chiotta, Ma. Marta Reynoso, Adriana Torres, Mariana Combina, Sofia N. Chulze (Argentina).

P-83 Alternatives for sample treatment and chromatography of Ochratoxin A in wine using fluorescence detection

Claudia Mardones, Catherine Tessini, Mario Vega, Dietrich von Baer, Erika Herlitz, **Roberto Saelzer***, Jorge Silva, Olga Torres (Chile)

P-84 Determination of residues of AFB1 in the liver of broiler chicken by HPLC Chromatography-Mass/Mass.

Alejandra Paola Magnoli*, María del Pilar Monge, L. Cavaglieri, A. Dalcero, Carina Elizabet Magnoli (Argentina)

P-85 Alternatives for sample treatment and chromatography of Ochratoxin A in wine using fluorescence detection

Claudia Mardones, Catherine Tessini, Mario Vega, Dietrich von Baer, Erika Herlitz, **Roberto Saelzer***, Jorge Silva, Olga Torres (Chile)

P-86 Quantification of Aflatoxin metabolites in biological fluids by Isotope-dilution Tandem Mass Spectrometry

Patricia A. Egner*, John D. Groopman, Thomas W. Kensler, Gary A. Payne and Marlin D. Friesen (United States of America)

Poster Section IX: Fungal and Mycotoxin Control. Groups 17,18,19 and 20.

Wednesday June 30

Group 17 (P-87 to P-92): Each presentation in 10 min.

P-87 *In vivo* direct Patulin-induced fluidization of the plasma membrane of fission yeast *Schizosaccharomyces pombe*

Eszter Horváth, Gábor Papp, József Belágyi, Zoltán Gazdag, Balázs Kőszegi, Nóra Mike, Csaba Vágvölgyi, **Miklós Pesti** * (Hungary)

P-88 Vaccum and ozone application for fungi and Aflatoxin reduction for shipping in-shell Brazil nuts.

Barbara Nantua Evangelista Giordano, Daniel Manfio, Vanessa Simao, Simone Galvao, **Vildes Ma. Scussel** (Brazil)

P-89 Development of procedures for controlling and preventing fungi and mycotoxin contamination in the grains storage unities of Southern Brazil.

Volmir Calgaro and **Vildes Maria Scussel** (Brazil)

P-90 *Fusarium* mycotoxin concentrations in straw, chaff, and grain of soft red winter wheat expressing a range of resistance to *Fusarium* head blight

George E. Rottinghaus*, Beth K. Tacke, Tim J. Evans, Michelle S. Mostrom, Laura E. Sweets, and Anne L. McKendry (United States of America)

P-91 Inhibition of Ochratoxin A and hydrolytic enzyme production by propylparaben antimicrobial on *Aspergillus* Section *nigri* strains.

Carla Barberis*, Guillermina Fernández-Juri, Ana M. Dalcero, Carina Magnoli (Argentina)

P-92 Efficacy of antioxidant on Ochratoxin A production and hydrolytic enzyme activity by *Aspergillus* Section *nigri* strains.

Carla Barberis*, Guillermina Fernández- Juri, Ana María Dalcero and Carina Magnoli (Argentina).

Poster Section IX: Fungal and Mycotoxin Control.

Wednesday June 30

Group 18 (P-93 to P-97): Each presentation in 10 min.

P-93 Study of protease inhibitors roles on peanut seed Aflatoxin contamination

Muller Virginia, Ramón Asis Gieco Jorge, and **Theumer Martin** *(Argentina)

P-94 Interactions between *Saccharomyces cerevisiae* cell wall and AFB₁.

Carina Maricel Pereyra*, Lilia Cavaglieri, Carlos Alberto Da Rocha Rosa , Stella Maris Chiacchiera, Ana María Dalcero (Argentina)

P-95 Reduction of aflatoxin B₁ in peanut (*Arachis hypogaea* L.) by *Saccharomyces cerevisiae*

Guilherme Prado*, Jovita Madeira, Vanessa Morais, Marize Oliveira, Joenes Peluzio, Ignácio Godoy, Juliana Silva, Raphael Pimenta (Brazil)

P-96 Use of death conidia of *Aspergillus niger* aggregate as zearalenone and aflatoxin B₁ adsorbent.

Carina Maricel Pereyra *, Lilia Cavaglieri, Stella Maris Chiacchiera, **Ana María Dalcero*** (Argentina)

P-97 Aflatoxin B₁ adsorption by yeast cell wall from commercial origin.

Kelly Moura Keller, Tatiana Xavier de Almeida, Rosane Nora Castro, Carina M. Pereyra, Ana María Dalcero, Lilia Renée Cavaglieri, **Carlos Alberto da Rocha Rosa*** (Argentina, Brazil).

Poster Section IX: Fungal and Mycotoxin Control.

Wednesday June 30

Group 19 (P-98 to P-102): Each presentation in 10 min.

P-98 Photocatalytic degradation of Fumonisin (B1 and B2) in maize

Hilda E Calderón-Villagómez *, Silvia Peña-Betancourt, Pandiyan Thangarasu, Magda Carvajal-Moreno (Mexico).

P-99 *In vitro* synthesis of Ochratoxin-A by Venezuelan strains of *Aspergillus niger* isolated from different substrates.

Claudio Mazzani*, Odalís Luzón, Oswaldo Alvarado, Marleny Chavarri, Analisse Bertch, Rosana Figueroa (República Bolivariana de Venezuela)

P-100 Adsorption of Fumonisin B1 with aluminosilicates in “*In vitro*” assays

Rubén Pérez*, Joel Muñoz and **Juan Carlos Medina** (Mexico)

P-101 Biocontrol agents against *Fusarium* Head Blight in wheat isolated in Argentina: viability and fungicide tolerance.

Juan M. Palazzini, Adriana M. Torres, Juan M. Llabot, Daniel A. Allemandi, **Sofía N. Chulze*** (Argentina)

P- 102 Adsorption of Fumonisin B1 with aluminosilicates in “*In vitro*” assays

Rubén Pérez*, Joel Muñoz and **Juan Carlos Medina** (Mexico)

Poster Section IX: Fungal and Mycotoxin Control.

Wednesday June 30

Group 20 (P-103 to P-107): Each presentation in 10 min.

P-103 Destruction of spiked Aflatoxin B1 in dough during the tortilla-making process.

Doralinda Guzmán-de-Peña, Laura Hernández-Valadez, Beatriz Villa Martínez (Mexico)

P-104 Phenolic compounds as potential antifumonisin agents: a structure–property–activity relationship study

José S. Dambolena, Ábel G. López, Julio A. Zygodlo, **Héctor R Rubinstein*** (Argentina).

- P-105** **Influence of buffers on Aflatoxin B1 adsorption on sodium bentonite. Competitive adsorption of ions or pH effect?**

Veronica Andrea Alonso *, Ma. Del Pilar Monge, Alejandra Paola Magnoli, L. Cavaglieri, A. M. Dalcero, Stella Maris Chiacchiera (Argentina)

- P-106** **Effect of bile and low pH on Ochratoxin A binding by *Saccharomyces cerevisiae* strains.**

Armando M.R., Dogi C., Escobar F., Ana María Dalcero A.M., Lilia Renée **Cavaglieri *** (Argentina)

- P-107** **Interaction of Aflatoxin B1 with model lipid biomembranes.**

Martín G. Theumer, **Héctor R. Rubinstein**, María A. Perillo* (Argentina)

PHYCOTOXIN SECTION YUCATAN I POSTER PRESENTATIONS (Afternoons 13:30-17:00)

Poster Phycotoxin Section X: Cyanobacterial and Phytoplankton Toxins. Group 21.

Monday June 28

Group 21 (P-108 to P-110): Each presentation in 20 min.

- P-108** ***In vitro* cytotoxicity of Cyanobacterial crude extract from Antioquia (Colombia)**

Natalia Andrea Herrera*, Jaime Palacio, Fernando Echeverri (Colombia)

- P-109** **Seasonal variation of toxicity in Marine Macroalgae of Veracruz, Gulf of Mexico**

Álvarez-Hernández Sergio, Cruz Lozano-Ramírez, Hernández Reyes Brissia Maribel, Jessica Salazar Paredes, **Mónica Cristina Rodríguez-Palacio***(Mexico)

- P-110** **Bioassays to detect toxicity in cultures of Marine Microalgae**

Cruz Lozano-Ramírez, **Mónica Cristina Rodríguez-Palacio***, Álvarez-Hernández, Sergio, Miguel Angel Flores Mejía, Germán Vega Juárez, Maria Lilian Acosta Martínez (Mexico)

Poster Phycotoxin Section XI: Phycotoxins in the Atlantic area. Group 22.

Tuesday June 29

Group 22 (P-111 to P-112): Each presentation in 20 min.

- P-111** **Knowledge transfer network for prevention of mental diseases and cancer in the Atlantic area (Pharmatlantic)**

María José Chapela, Luis M. Botana, Martiña Ferreira, Jorge Lago, Juan M. Vieites, **Ana G. Cabado*** (Spain) .

- P-112** **Advanced tests about new toxins appeared in the European Atlantic area (Atlantox)**

Martiña Ferreira, Luis M. Botana, María José Chapela, Jorge Lago, Juan M. Vieites, **Ana G. Cabado*** (Spain).