



WTPC

World Toxicologic Pathology Congress

A global overview of Toxicologic Pathology in the 21st Century

April 21st to 26th 2018

São Paulo, SP, Brazil

UNIVERSIDADE DE SÃO PAULO



Sat., April 21 st	Sun, April 22 nd	Time	Monday April 23 rd	Tuesday April 24 th	Wednesday April 25 th	Thursday April 26 th
NTP Satellite Symposium Tox Path Potpourri	All Day Short Course "Pathology for Non-Pathologists"		Session 1 Is it adverse? Chairs: Gabriele Pohlmeyer-Esch and Flavia Pasello	Session 3 Environmental Tox Path	Session 5 Toxicologic Pathology and development of new molecules	Session 7 The Toxicologic Pathologists and Alternative Methods
		9:00 - 9:50 am	Adversity in Nonclinical Toxicology: The Do's and Don'ts for Toxicologic Pathologists <i>Gabriele Pohlmeyer-Esch</i>	Air pollution as a global issue – <i>Paulo Saldiva</i>	Development of new molecules in agrochemical industry <i>Ligia Romeo</i>	Alternative Methods <i>Mathieu Vinken</i>
		9:50 -10:40 am	The application of Histopathology in defining adversity. <i>John Foster</i>	Dietary w-3 Fatty Acid Docosahexaenoic acid suppresses silica-triggered autoimmunity and ectopic lymphoid neogenesis in the lungs of Lupus-Prone mice. <i>Jack Harkema</i>	Development of new molecules in the pharmaceutical industry <i>TBD</i>	Reconstructed Human Epidermis (USP-RHE) is ready for an inter-laboratory validation in Brazil: the development of open-source protocol for corrosion and irritation toxicological assays <i>Silvia Stuchi Maria Engler</i>
		10:40 – 11:00 am	Break and Posters	Break and Posters	Break and Posters	Break
		11:00 -11:50 am	Biomarkers of Adversity <i>Lindsay Tomlinson</i>	Outcome of a long-term nanoparticles inhalation study – expectations and reality <i>Sibylle Groeters</i>	Neurotoxicity of dizocilpine <i>Erio Barale</i>	Alternatives to animal testing: Practical use on safety assessment of cosmetic products. <i>Vanessa Sá Rocha</i>
		11:50 - 2:00 pm	Lunch time PRESIDENTS' LUNCH	Lunch time	Lunch time	Lunch time
			Session 2 Endocrine Disruptors	Session 4 Carcinogenesis	Session 6 Safety Assessments and New Technologies	MEETING ADJOURNS
		2:00 - 2:50 pm	What Is So Special About the Endocrine System? <i>Douglas Wolf</i> Endocrine disruptors <i>Sibylle Groeters</i>	Molecular basis of carcinogenesis. <i>Ana Paula de Melo Loureiro</i>	On the safety assessment of heavy metals <i>Takanori Harada</i>	
		2:50 3:40 pm	Brazilian perspective: Current activities concerning Human Health and Endocrine Disruptors <i>Camila Moreira</i>	DNA Reactivity and Cell Proliferation in Carcinogenesis: Urinary Bladder as an Example <i>Samuel Cohen</i>	On the safety assessment of stem cell therapies <i>Ricardo Ochoa</i>	
		3:40 - 4:00 pm	Break and Posters	Break and Posters	Break and Posters	
		4:00 - 4:50 pm		ROUND TABLE On the carcinogenic potential of Glyphosate <i>Edivaldo Domingues Velini</i> <i>Joao Lauro Viana de Camargo</i> <i>Daniel Goldstein</i>	On the safety assessment of fragrance materials <i>Terry Schultz</i>	
	5:00 – 5:50 pm Opening Lecture The Role of the Toxicologic Pathologist in 21 st Century Safety Assessment and Xenobiotic Research <i>Douglas Wolf</i>	4:50 - 5:40 pm	Education and training of Toxicologic Pathologists around the world – How can we advance? Presidents and representatives from Tox Path Societies		GMOs and the new techniques of genetic engineering. CRISPR cas9 – Regulatory approaches. <i>Alexandre Nepomuceno</i> (EMBRAPA)	
	18:00 Opening Ceremony and Reception	18:00	Pizza Party	Free Evening	20:00 Gala Dinner	

*NTP Satellite Symposium
"Pathology Potpourri"
April 21, 2018 World Toxicologic Pathology Congress
9:00 a.m. – 4:30 p.m. São Paulo, Brazil

9:00- 9:10

Welcome and Introductory Remarks

Susan A. Elmore, MS, DVM, DACVP, DABT, FIATP

NTP and National Institute of Environmental Health Sciences, NC, USA

9:10- 9:40

Eosinophilic Nasal Septum and Renal Lesions

Susan A. Elmore, MS, DVM, DACVP, DABT, FIATP

NTP and National Institute of Environmental Health Sciences, NC, USA

9:40- 10:05

Challenging Proliferative Uterine Lesions in the Rat

Darlene Dixon, DVM, PhD, DACVP, FIATP

National Institute of Environmental Health Sciences, NC, USA

10:05- 10:30

Adrenal Cortical Lesions

John Foster, BSc, PhD, FRCPath, FIATP, HonFBTS

ToxPath Sciences, Ltd., UK

10:30- 11:00 Break

11:00 - 11:30

Rat Heart Changes: Spontaneous or Treatment Related?

Ricardo Ochoa, DVM, PhD, DACVP

Pre-Clinical Safety, Inc., CT, USA

11:30 - 12:00

Liver Toxicity in a Mouse Subchronic Study

Wanda Haschek-Hock, BVSc, PhD, DACVP, DABT, FIATP

University of Illinois, USA

12:00 - 1:30 Lunch

1:30 - 1:50

Foreign Material in the Kidney

Jerry Ward, DVM, PhD, DACVP, FIATP

Global VetPathology, USA

1:50 - 2:10

Mouse Urinary Bladder Lesion

Samuel M. Cohen, MD, PhD

University of Nebraska Medical Center, USA

2:10 - 2:40

Lung Lesions in Transgenic Mice

Jack Harkema, DVM, PhD, DACVP

Michigan State University, USA

2:40 - 3:00 Granular Cell Lesions in the Female Reproductive Tract

Lindsay Tomlinson, DVM, DVSc

Pfizer, Inc., MA, USA

3:00 - 3:30 Break

3:30 - 4:00

Liver Lesions – Normal Background or With an Etiology?

Jerry Ward, DVM, PhD, DACVP, FIATP

Global VetPathology, MD, USA

4:00 - 4:30 Two Unusual Liver Lesions

Robert R. Maronpot, DVM, MS, MPH

Maronpot Consulting, LLC, NC, USA

****All Day Short Course April 22, 2018**

“Pathology for Non-pathologists”

9:00 a.m. – 5:00 p.m. São Paulo, Brazil

9-10:00

Toxicologic Pathology: An Introduction

Wanda M. Haschek-Hock, University of Illinois, USA

10-10:45

Cell Death: Mechanisms, and Histopathology

Susan A. Elmore, NTP, NIEHS, NIH, USA

10:45-11:15 Break

11:15-12:00

Inflammation

Flavia R. Pasello dos Santos, [Merck Sharp & Dohme, France](#)

12:00-2:00 pm Lunch

2:00 -3:00 pm

Carcinogenesis

Robert R Maronpot, Maronpot Consulting LLC, USA

3:00 - 3:45 pm

Immunohistochemistry

Jerrold M Ward, Global Vet Pathology, USA

3:45 -4:15 pm Break

4:15 - 5:00 pm

Molecular Pathology

Darlene Dixon, NTP, NIEHS, NIH, USA