

IBEROAMERICAN PHARMACOMETRICS NETWORK CONGRESS

FROM NOVEMBER 7th to 9th

2018

Organized by



CUCEI



SCIENTIFIC PROGRAM

Wednesday 7th

8:00 – 8:30	Registration
8:30 – 8:45	Open Ceremony <i>Academic authorities</i>
9:00 – 9:50	"Role of Quantitative Systems Pharmacology to understand and hit complex diseases" <i>Iñaki Trocóniz. Professor of Pharmacy and Pharmaceutical Technology of the Nutrition and Pharmacy Faculty. University of Navarra.</i>
9:50 – 10:40	Coffee break/Poster session I
SEMINAR 1: Therapeutic Drug Monitoring	
10:40 – 13:00	<i>Coordinator: Nicté Selene Fajardo Robledo. University Center for Exact Sciences and Engineering. UdG. México.</i>
	"Prospective evaluation of software for AUC-guided vancomycin dosing" Michael Neely <i>Associate Professor of Pediatrics (Clinical Scholar). CHLA Division Chief of Infectious Diseases, USA.</i>
	"Red interinstitucional de farmacogenética y monitorización de fármacos: Hacia la Terapia Personalizada en San Luis Potosí, México". Silvia Romano Moreno <i>Professor of the Autonomous San Luis Potosí University, México.</i>
	"Monitoreo terapéutico de fármacos" Paula Schaiquevich <i>Researcher CONICE. Clinic Pharmacokinetic Unit. JP Garrahan Pediatrics Hospital.</i>
RedIF presentation	
13:00 – 14:30	Lunch
SEMINAR 2: PK/PD Modelling	
14:30 – 16:40	<i>Coordinator: Francine Azeredo. Federal University of Bahia. Brazil.</i>
	"MID3: An opportunity for innovation and collaboration" Stephan Schmidt <i>Tenured Associate Professor at the University of Florida's Center for Pharmacometrics and Systems Pharmacology in Lake Nona (Orlando).</i>
	"Enhanced methods for building pharmacometric models" Marc Lavielle <i>CMAP, Ecole Polytechnique, France.</i>
"PK/PD modeling of triazoles effect against Cryptococcus neoformans". Bibiana Verlindo do Araujo (Video-conference) <i>Universidade Federal do Rio Grande do Sul UFRGS · Faculty of Pharmacy, Brazil.</i>	

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STUDENT SESSION 1	
16:40 – 17:30	Student presentations
	Factors associated with variability in pharmacokinetic parameters of rifampicin and isoniazid in patients with tuberculosis: population model- Ana Patricia Huerta Garcia.
	Population pharmacokinetic modelling of tacrolimus in pediatric and adult renal transplant patients- Lorena Ivette Medina Aymerich.
	Semi-mechanistic pharmacokinetic/pharmacodynamic model of three pegylated RHUEPO and IOR®EPOCIM in new zealand rabbits- Gledys Reynaldo Fernández.
Thursday 8 th	
9:00 – 9:50	<p>“Pharmacometric modeling and simulation for dose optimization on earth and in space”.</p> <p><i>Hartmut Derendorf. Distinguished Professor, V. Ravi Chandran Professor of Pharmaceutical Sciences and Chairman of the Department of Pharmaceutics at the University of Florida College of Pharmacy in Gainesville.</i></p>
9:50 – 10:40	Coffee break/Poster session II
SEMINAR 3: Virtual Bioequivalence	
10:40 – 13:00	<p><i>Coordinator: Edsaúl Emilio Pérez Guerrero.</i> <i>University Center of Health Sciences. University of Guadalajara. México.</i></p>
	<p>“From <i>in vivo</i> to <i>in silico</i> bioequivalence via predictive <i>in vitro</i> dissolution studies”</p> <p>Rodrigo Cristofolletti <i>Brazilian Health Regulatory Agency, Brazil.</i></p>
	<p>"Modeling farmacocinético-fisiológico acoplado a correlaciones in vivo-in vitro como herramientas de optimización en el desarrollo de medicamentos genéricos".</p> <p>José Trinidad Urizar <i>Professor, Autonomous University of San Luis Potosí, México.</i></p>
	<p>Are we ready for Virtual Bioequivalence?</p> <p>Elba M. Romero Tejeda <i>Professor. University Center of Exact Sciences and Engineering. University of Gaudalajara.</i></p>
	ISoP Presentation
13:00 – 14:30	Lunch
SEMINAR 4: Translational PBPK/PD	
14:30 – 16:40	<p><i>Coordinator: Ignacio Hernández González</i> <i>Center of Isotopes. Cuba.</i></p>
	<p>“Translational PBPK-PD Modeling to Identify Early Biomarkers for Early Detection of Drug-induced Nephrotoxicity”</p> <p>Mirjam N. Trame <i>Novartis, USA.</i></p>

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	<p>“Semimechanistic Model to characterize nonlinear pharmacokinetics of nimotuzumab in patients with advanced breast cancer” Leyanis Rodríguez Vera <i>University of Havana · Institute of Pharmacy and Foods, Cuba.</i></p> <p>“Translating cefazolin prophylactic effect from obese rats to morbidly obese patients undergoing bariatric surgery” Teresa Dalla Costa <i>Universidade Federal do Rio Grande do Sul UFRGS · Faculty of Pharmacy, Brazil.</i></p>
STUDENT SESSION 2	
16:40 – 17:30	Student presentations
	Bioavailability prediction for losartan tablets by means of PBPK modeling and simulation- Alejandra Schiavo Parodi
	Population pharmacokinetic analysis of PHT in epileptic patients after the oral administration of two formulations marketed in Uruguay-Marianela Lorier
	Population pharmacokinetic modeling of bromopride in healthy subjects-Larissa Lachi
20:00	Dinner congress
Friday 9th	
9:00 – 9:50	<p>“Extensive model assessment through model-proxy analyses” <i>Mats Karlsson. Professor of Pharmacometrics at Uppsala University, Sweden. European Editor of Journal of Pharmacokinetics and Pharmacodynamics.</i></p>
9:50 – 10:40	Coffee break/Poster session III
FOCUSED SEMINAR 5: Drug Disease Modelling	
	<p><i>Coordinator: Leyanis Rodríguez Vera University of Havana · Institute of Pharmacy and Foods, Cuba.</i></p>
10:40 – 12:00	<p>"Individual level data meta-analysis from HIV prevention clinical trials" María García-Cremades Mira <i>PosDoc UCSF School of Pharmacy, USA.</i></p> <p>"PK/PD modeling: Critical Care Patients" José Rodrigo González Martínez <i>Center for Research and Advanced Studies (CINVESTAV), México.</i></p>
12:00 – 12:15	<p>Closing Act <i>RedIF Committe</i></p>
12:15 – 13:00	Box Lunch
13:00 – 18:00	<p>Workshop III nlmixr <i>Coord. of Learning Technologies</i> Mirjam N. Trame</p>