

Workshop on Hot Topics in Pharmacometrics and Drug Research

Organized by Pharma-Informatics Unit of the “Athena” Research and Innovation Center, Athens, Greece

Budapest Congress Centre, Budapest, Hungary, June 6, 2017

Scientific Programme

Time	Speaker	Topic
09.00	Panos Macheras Pharma-Informatics Unit of “Athena” RC	Welcome – Introduction
09.15	Dimitris Goussis, School of Applied Mathematics and Physical Sciences ,National Technical University of Athens, Pharma-Informatics Unit of “Athena” RC	Algorithmic Asymptotic Analysis of Multiscale Pharmacokinetic Models
10.00	Robert Bies, School of Pharmacy and Pharmaceutical Sciences, University at Buffalo, USA	Potential strategies for parameter estimation in nonlinear dynamic systems
10.45	Charalambos Sarimveis School of Chemical Engineering, National Technical University of Athens, Pharma-Informatics Unit of “Athena” RC	Optimal drug administration using model predictive control
11.15	Coffee Break	
11.45	GeorgiaTsiliki School of Chemical Engineering, National Technical University of Athens	Data mining and bioinformatics analysis
12.15	Oscar Della Pasqua Clinical Pharmacology Modelling & Simulation, GlaxoSmithKline, UK Clinical Pharmacology & Therapeutics Group, SoP, University College London, UK	PK/PD modelling in paediatric populations
12.45	Lunch	
13.45	Evangelos Evangelou, School of Medicine, University of Ioannina, Imperial College, Pharma-Informatics Unit of “Athena” RC	Systematic approaches in population based research
14.30	John Ioannidis, School of Medicine University of Stanford, USA	Reproducibility and improving research practices (video talk)-presentation given at Berlin Institute of Health, 12 May 2016
15.45	Panos Macheras Pharma-Informatics Unit of “Athena” RC	The interlink between high variability, heterogeneity and irreproducibility in drug research
16.30	End of Workshop	