# **1st Meeting of Pharma-Informatics Unit of the “Athena” Research and Innovation Center**

## 13 February 2017

## War Museum, Athens, Greece

### **Programme**

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| 9.00-9.30 | Welcome Addresses   * Yannis Ioannidis, President and General Director of “Athena” RC * Katerina Antoniou, President of the National Organization for Medicines. * Theodore Tryfon, President of Panhellenic Association of Greek Pharmaceutical Industries (PEF) * Pascal Apostolides, President of [Hellenic Association of Pharmaceutical Companies](https://www.sfee.gr/) (SFEE) * Panos Macheras, Coordinator of the Pharma-Informatics Unit of “Athena” RC |
| 9.30-10.00 | **Efthymios Manolis** , Scientific officer, European Medicines Agency  *Pharmacometrics: its role in the Modeling and Simulation Working Group of European Medιcines Agency* |
| 10.00-10.30 | **Mikros Emmanuel**, Professor, Department of Pharmacy, National & Kapodistrian University of Athens, Pharma-Informatics Unit of Athena RC  *Molecular simulations and* [*chemo-informatics services*](http://www.diverchim.com/en/content/chemoinformatics-services) *at the initial phase of drug discovery* |
| 10.30-11.00 | **Rekkas Dimitrios**, Associate Professor, Department of Pharmacy, National & Kapodistrian University of Athens, Pharma-Informatics Unit of Athena RC  *The quality guidelines: Linking pharmaceutical development and manufacturing with patient safety* |
| 11.00-11.45 | **Coffee Break** |
| 11.45-12.15 | **Hatziavramidis Dimitrios**, Professor, School of Chemical Engineering, National Technical University of Athens, Pharma-Informatics Unit of Athena RC  *Quality-by-Design: Design Space for pharmaceutical tablets* |
| 12.15-12.45 | **Dokoumetzidis Aristides**, Assistant Professor, Department of Pharmacy, National & Kapodistrian University of Athens, Pharma-Informatics Unit of the Athena RC  *Applications of PK/PD modelling in paediatric populations* |
| 12.45-13.45 | **Lunch Break** |
| 13.45-14.15 | **Sarimveis Haralambos,** Professor, School of Chemical Engineering, National Technical University of Athens, Pharma-Informatics Unit of Athena RC  *Applications of machine learning and control technologies in the pharmaceutical industry* |
| 14.15-14.45 | **Panos Macheras,** Emeritus Professor, Department of Pharmacy, National & Kapodistrian University of Athens, Pharma-Informatics Unit of Athena RC  *Overcoming regulatory challenges: dissolution criterion F2 and BCS based biowaiver* |
| 14.45-15.15 | **Vangelis Karalis,** Assistant Professor, Department of Pharmacy, National & Kapodistrian University of Athens, Pharma-Informatics Unit of Athena RC  *Proving bioequivalence using modeling and simulation approaches* |
| 15.15-16.00 | **Coffee Break** |
| 16.00-16.30 | **Vangelis Evangelou,** Assistant Professor, School of Medicine, University of Ioannina, School of Public Health, Imperial College, Pharma-Informatics Unit of Athena RC  *Systematic reviews and evidence synthesis* |
| 16.30-17.00 | **Ioannis Vizirianakis,** Associate Professor, Department of Pharmacy, Aristotle University of Thessaloniki, Pharma-Informatics Unit of Athena RC  *Advances in Pharmacological Research and Personalized Medicine: Opportunities and Challenges for Therapeutics and Pharma Industry* |
| 17.00-17.30 | **Despina Sanoudou,** Assistant Professor, School of Medicine, National & Kapodistrian University of Athens, Pharma-Informatics Unit of Athena RC  *(Pharmaco)Genomics and Molecular Biology in drug development and assessment* |
| 17.30-18.00 | **Kosmas Kosmidis,** Special Teaching Personnel, Department of Physics, Aristotle University of Thessaloniki, Pharma-Informatics Unit of Athena RC  *Machine learning approaches for the prediction of gene expression profiles* |
| 18.00-18.30 | Round table discussion - all speakers. *Questions & Answers* |