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Workshop on Genomic Determinants of Inflammation

2 – 3 April 2012

Hotel Amarilia, Vouliagmeni, Athens

EU FP7 funded research consortium “Model-In” invites you to participate in its open workshop focused on quantitative description of the transcriptional control of the inflammatory response. The workshop will provide a unique opportunity to learn about the recent progress in the quantitative description of this key immunological process and to discuss state-of-the-art genomics technologies, including quantitative in vitro and in vivo analyses, mathematical modelling and in vivo perturbation experiments.

The workshop will be led by the members of the Model-In consortium with experience in transcription factor-DNA interactions, chromatin organization, genome manipulation, computational analysis and systems biology and will include presentations from invited speakers on other highly complementary aspects of transcriptional control, such as transcription factories and nuclear architecture

Postgraduate students and early stage researchers are invited to submit abstracts to the organising committee and a number of these will be selected for oral presentations on the 3rd of April

SPEAKERS include

- Giocchino Natoli (European Institute of Oncology, Italy, Model-In) – Inflammatory Gene Transcription
- Manolis Pasparakis (University of Cologne, Germany, Model-In) - Studying Inflammation in Genetic Mouse Models
- Jiannis Ragoussis (Oxford University, UK, Model-In) – High Throughput Analysis of Transcription Factor – DNA Interactions
- Stefan Dimitrov (University Joseph Fourier, France, Model-In) – Chromatin Structure
- Marco Bianchi (San Raffaele University, Italy, Model-In) – Chromatin Dynamics
- Nir Friedman (Hebrew University of Jerusalem, Israel, Model-In) - Regulatory Networks
- Eran Segal (Weizman Institute, Israel, Model-In) - Chromatin Reconstitution
- Ido Amit (Weizman Institute, Israel) - Immunogenomics
- Dimitris Kontoyannis (BSRC Fleming)- Role of RNA Binding Proteins in Immune Response

Abstract submission and application for travel fellowships are invited, deadline February 5th. A number of abstracts will be selected for oral presentations.

To attend this workshop please register at www.model-in.org



Genomic Determinants of Inflammation:

From Physical Measurements to System Perturbation and Mathematical Modeling



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