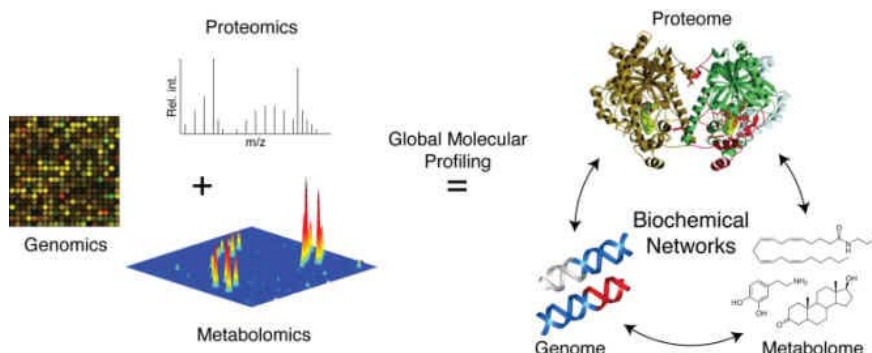




**International Workshop on Holistic Analytical Technologies  
for systems Biology Studies**



**30-31 October 2008  
University of Thessaloniki, Teloglion Foundation**

**Preliminary Program/List of Speakers and Topics:**

**30 October**

8:15 - 9:15	<i>Registration</i>	
9:15-9:30	<i>Opening</i>	G. Theodoridis (organiser)
9:15 - 11:30	<i>Introduction to Systems Biology</i>	M. Arsenakis, Head of Biology School, AUTH, Title TBA A. Tsaftaris, INA, CERTH & AUTH, Epigenetics Title TBA Delegate from the National Research Foundation, Athens, Title TBA
11:30-11:50	<i>Coffee Break</i>	
11:50 - 13:00	<i>Metabonomics/Metabolomics: Introduction</i>	Ian D Wilson, AstraZeneca UK, moderator <b>(confirmed)</b> "Systems Biology Introduction: From targeted to non-targeted profiling" "LC-MS and NMR for metabonomic investigations" Henri Snijders Applied Biosystems Europe <b>(confirmed)</b> "Advanced LC/MS Tools to understand Small Molecule Biomarker patterns in targeted and non targeted Metabolomics" Discussion
13:00	<i>Lunch Break</i>	
14:30 - 16:30	<i>Metabonomics/Metabolomics: MS technologies</i>	John Shocker, Waters, <b>(confirmed)</b> "Employing Ion-Mobility Mass Spectrometry for Lipidomic Studies." Steve Fischer, Agilent "LC-MS, GC-MS tools for metabolomics" Maria Klapa, FORTH, Patras, GR <b>(confirmed)</b> "Standardisation of GC-MS metabolomic profiling" Discussion
16:30	<i>Coffee Break</i>	
16:50 - 18:10	<i>Mass Spectrometry Applications</i>	Liz Want, Imperial UK <b>(confirmed)</b> "LC-MS applications in metabonomics" E. Raptakis, Shimadzu Europe Biotech "TOF-TOF-MS in proteome mapping" Round Table discussion

### 31 October

9:00 -11:30	<i>Profiling</i>	Elaine Holmes, Imperial UK <b>(confirmed)</b> "NMR based metabonomics" Emmanuel Mikros, Athens University <b>(confirmed)</b> "NMR in metabonomics studies" Neil Loftus, Shimadzu Biotech Title TBA Henri Snijders Applied Biosystems Europe <b>(confirmed)</b> "Novel LC/MS workflows in lipidomics"
11:30 - 11:50	Coffe break	
11:50 - 13:30	<i>Proteomics</i>	S. Garpis, Bioacademy Athens (moderator) "Introduction/MS technologies for proteomics" Mark McDowall, Waters <b>(confirmed)</b> "A High Definition Proteomics Strategy - from Global Discovery via Hypothesis Driven Research to Statistically Rigorous Results".
13:30	Lunch Break	
15:15 - 17.15	<i>Bioinformatics/ Data Extraction</i>	A. Tsaftaris / Th. Sklaviadis, Thessaloniki University Round Table discussion S.Tsoka / C. Ouzounis Kings College UK Round Table discussion
17:15 - 18:00	Closing session	Conclusions, Perspectives (Organisers and moderators)
18:00	Farewell drink	

The workshop is realised with support from:

- The Research Committee of the Aristotle University through the Thematic Network Bioanalysis,
- AstraZeneca UK,
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