

1st EAB Meeting. The first External Advisory Board Meeting was organized at 23rd of April 2012 and participated all the SEEDRUG UPAT's Consortium members and their teams,

Prof Ivano Bertini (Chair of the EAB) could not join the meeting due to health problems and was replaced by Prof Claudio Luchinat.

Industrial partners of the SEEDRUG project, members of the SME CBL Biopharmaceuticals Patras, (Prof K. Barlos & Prof D. Gatos) and spin-off company ELDRUG SA (Dr. Minos Matsoukas) with oral presentations and/or by taking part at the Round Table discussion.

UPAT's authorities and Chairman of the Department of Pharmacy welcome addresses the participants.

SEEDRUG Coordinator opened the scientific part of the meeting and presented the work performed in each one of the SEEDRUG's work packages already and the activity planned for the future (recruitment of the experienced researchers, progress on the research equipment acquisition, planned twinning & networking activities and dissemination activities).

All SEEDRUG consortium members provided an overview of their research plans through SEEDRUG project.

The members of the EAB commented on the progress made during the first 4 months of the project's duration and on the future project's plans. Specifically discussion included the following topics:

- networking activities that already performed or planned.
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- future SEEDRUG's research orientation, with a special focus on drug design efforts and the building of a national and an international network to ensure viability of the facility for the years after the end of the SEEDRUG project.
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- the acquisition and installation at UPAT of modern research instrumentation, which may increase the institutional networking efforts
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- new NMR-driven initiatives, such as Magnetic Resonance Diagnostics, through NMR metabolomics.
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- SEEDRUG consortium efforts should be made on the direction of the construction of a

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viability plan for the SEEDRUG capacities (instrumentation plus personnel).

Industrial SEEDRUG partners (CBL Biopharmaceutical Patras, & ELDRUG SA) participated in the meeting suggesting means and actions towards the establishment of new links between SEEDRUG and industrial partners (through service and preparation of new products).

MONDAY 23rd APRIL 2012

**Conference & Cultural Center
University of Patras
Room II-9 (1st Floor)**

Chairpersons

Z. Lygerou (Dept of Medicine)

I. Margiolaki (Dept of Biology)

09:30 – 9:45 **Welcome Addresses - Introduction (The SEE-DRUG project)**
University of Patras Authorities & Georgios A. Spyroulias

09:45 – 10:15

Genomic Databases & personalized medicine
George Patrinos
University of Patras, Department of Pharmacy, Hellas

10:15 – 10:50

Pharmacological control of arterial smooth muscle and endothelial cell phenotype

Stavros Topouzis

University of Patras, Department of Pharmacy, Hellas

10:50 – 11:10

EAB Member contribution

Arkadia a RING domain E3 ubiquitin ligase, supports the tumor suppressing properties of the TG

Vasso Episkopou

Imperial College, London, UK

11:10 – 11:45

NMR-based Structure-Activity Correlation Study of Arkadia E3 Ubiquitin Ligase Domain

Georgios A. Spyroulias

University of Patras, Department of Pharmacy, Hellas

11:45 – 12:00

Coffee Break

Chairpersons

G.A. Spyroulias

(Dept of

Pharmacy

) & K. I

12:00 – 12:45

EAB Member contribution

Lightening from NMR in Life Sciences

Ivano Bertini

Center of Magnetic Resonance (CERM), Florence, IT

12:45 – 13:20

SME Member contribution

Studies on the “in vitro oxidative folding” of the A and B chains of the Insulin Like Peptides (INS)

Kleomenis Barlos

University of Patras & CBL SA Patras, Patras, Hellas

13:20 – 13:40

Factors that modulate the pKa of the attacking thiolate anion of glutaredoxin

Alexios Vlamis

University of Patras, Department of Chemistry, Hellas

13:40 – 14:00

Discussion

SEE-DRUG strategic plan – Suggestions & Comments by EAB members

Ivano Bertini, Vasso Episkopou, Anastassis Perrakis & SEE-DRUG Members

14:00 – 15:30

Light lunch & Coffee

Chairpersons

□ **T. Tselios (Dept of Chemistry) & A. Vlamis (Dept of Chemistry)**

15:30 – 16:15

EAB Member contribution

The curious story of J-base and JBP1.

Anastassis Perrakis

National Cancer Institute (NKI), Amsterdam, The Netherlands

16:15 – 16:50

Control of DNA replication in time and space

Zoi Lygerou

University of Patras, Department of Medicine, Hellas

16:50 – 17:10

Peptide-mimetics, a new generation of drugs

John Matsoukas

University of Patras, Department of Chemistry, Hellas

17:10 – 17:30

Closing Remarks

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Z. Lygerou (Dept of Medicine)