

OEI PATHOBIOLOGY WORKSHOP:

Structure and Genetics, the new Paradigm

24th and 25th October 2008

Hosted by the Oncology Institute "Prof.Dr. Ion Chiricuta"

Venue: Hotel Opera Plaza, Cluj, Romania

Objectives:

- To gain an overview about the state of the art in pathobiology within the OEI institutes and Europe.
- To provide information about different models of biobanks and tumor bank networks oriented towards biomedical research.
- To promote collaborative activities among the OEI pathobiology groups as a base for future initiatives to enhance dissemination of knowledge and innovation potentially resulting in joint projects and activities among OEI members



Characteristics:

- Two-day meeting: the first day oriented to biobanks and molecular diagnostics, and the second to update on the state of the art of the OEI pathobiology groups
- Practical approach with time for discussion. Presentations from speakers from inside the OEI.



Friday 24-10-2008

- 08.30 *Reception and Coffee*
- 09.00 **Introduction:**
OECE Pathobiology Working group (Peter Riegman, Chairperson OECE WG Pathobiology)
- 09.10 **Keynote lectures:**
- 09.45 ○ Structure and genetics, the new trend towards personalized medicine (Marco Pierotti – *President OECE*)
 - 10.20 ○ European Pathology a view from ESP (Roderick Simpson – *ESP*)
 - "Translational research in Oncology Institute Cluj: Between tradition and innovation" (Valentin Cernea - *Scientific Director, Oncology Institute "Prof.Dr. Ion Chiricuta"*)
- 10.30 *Coffee break*
- 11.00 **Biobanks and tumor banks: concept, models, applications and networks**
- 11.30 ○ Overview of current and future biobanking (P. Riegman) OECE-TuBaFrost, BBMRI, EuroBoNeT, EORTC, ISBER, P3G, Marble Arch.
 - 12.00 ○ A biobank network to improve genetic counselling and cancer research, (Jose Antonio López-Guerrero, Instituto Valenciano de Oncología, Spain)
 - Biobanking model: Xenotransplants for research in cancer: 25 years experience (Antonio Llombart-Bosch, Instituto Valenciano de Oncología, Spain)
- 12.30 *Lunch*
- 14.00 **Free paper session:** (Oral 20-minute presentations)
- Initiation of the Pan-Manchester MCRC Biobank (Jane Rogan - *Manchester Cancer Research Centre, The University of Manchester*)
 - 14.20 ○ Planning Tumour Biobank In Separate Units According To Tumor Group Gathered In The Research Laboratory Of Oncology Institute. (Safiye Aktas, Dokuz Eylul University, Izmir, Turkey)
 - 14.40 ○ Pre-analytical Handling of Solid Tissue and Blood Samples for PAD and Protein Analysis. (Christer Ericsson, Karolinska Institutet, SE)
 - 15.00 ○ (Monica Nister Karolinska Institutet, SE)
- 15.20 *Coffee break*
- From Conventional to Molecular pathology**
- 16.00 ○ From conventional to molecular pathology (Enzo Medico, Institute for Cancer Research and Treatment)
 - 16.30 ○ The manyfaces of Diffuse Large B Cell Lymphoma (H.Konrad Müller-Hermelink - Pathology Institute, Wurzburg University)
 - 17.00 ○ Breast cancer clinical management of patients (J. Celis, Danish Cancer Society, Inst. Of Cancer Biology, DK)
 - 17.30 ○ Colorectal cancer and Hereditary colon cancer: improving HNPCC diagnostics (W. Dinjens, Erasmus Medical Center Rotterdam, NL)
 - 18.00 ○ New classification of Pheochromocytoma (F. van Nederveen, Erasmus Medical Center Rotterdam, NL)

Saturday 25-10-2008

- 08.30 *Keynote lectures:***
- The OECE and translational research mission ([Ulrik Rinborg – Former President OECE](#))
- 09.00** ○ Application of Virtual Microscopy in Pathology ([Michael den Bakker, Erasmus Medical Center Rotterdam, NL](#))
- 09.30** **Free paper session:** (Oral 10-minute presentations)
- Some new aspects of FISH reactions for the diagnosis of neoplastic diseases. ([A. I. Karseladze, Cancer Research Center, Moscow, Russia](#))
- 09.50** ○ Chromogenic hybridization in situ for routine detecting HER2 amplification in breast cancer (our experience) ([Semyon V. Petrov](#))
- 10.10** *Coffee break*
- 11.00** ○ Using artificial intelligence to predict biological behavior of bone tumors. ([Jelena Sopta, School of medicine, Belgrade, Serbia](#))
- 11.20** ○ Clinical Experience with a New Intra-operative Molecular Assay for Sentinel Lymph Node Metastases in Breast Cancer Patients. ([Denis Larsimont, Inst Jules Bordet, BE.](#))
- 11.40** ○ Expression and cellular distribution of DLG3 / SAP102 in malformations of cortical development. ([Mingqi Qu, Karolinska Institutet, SE](#))
- 12.00** ○ SISH, CISH and dual colour CISH ([Antonio Carbone - Annunziata Gloghini, Fondazione IRCCS, Milan, Italy](#)).
- 12.20** **State of the art in pathobiology within the OECE institutes**
 The aim is that each OECE participant produces a short report about the areas of biomolecular diagnosis and research within the different OECE institutes oriented in biopathology.
 Each participant ([restricted to about 15 minutes each depending on the number of contributions](#)):
Topics: Diagnostics: cytology, histopathology, new techniques (FISH, RT-PCR, sequencing arrays, in vitro assays, animal models,)
 Research: major topics in research in which a collaborative participation could be established.
- 13.30** *Lunch*
- 14.30** **State of the art in pathobiology within the OECE institutes (continued)**
- 15.00** **Round table:**
 Possible cooperation among participants, in view of possible grant requests to the EU.
- 16.00** **Wrap up and concluding remarks**
- 16.15** *Closure*