

Session Program

9-12 May 2006



Euromedim 2006 :1st European Conference on Molecular Imaging Technology

***Poster session : Imaging systems, Molecular
Imaging***

Palais du Pharo, Marseille

Thursday 11 May

14:00

Poster session : Imaging systems, Molecular Imaging

Poster Session | **Location:** Palais du Pharo, Marseille

Early Detection of Tumor Masses in Mice by In Vivo Hematoporphyrin mediated Fluorescence Imaging

Speaker

Dr Maddalena Autiero

Small Animal and online hadrontherapy PET detector characterisation

Speaker

Mrs Marina TAVERNE

Multi-Energy Densitometry of Bone Tissues Using ZnSe-based Scintielectronic Detectors

Speaker

Prof. Vladimir Ryzhikov

Shrunk detection volumes in fluorescence 4Pi-microscopy

Speaker

Dr Nicolas Sandeau

Miniaturized Fibered Confocal Microscopy with the Cell~vizio now enables in vivo in situ imaging

Speaker

Ms Anne Osdoit

A LSO Beta Microprobe for Measuring Input Functions for Quantitative Small Animal PET

Speaker

Dr Craig Woody

Beam hodoscope for online PET in hadrontherapy

Speaker

Mr Anthony BUTHOD

Assessment of the impact of x-ray tube voltage on quantitative analysis of neurological PET when using CT-based attenuation correction

Speaker

Dr mohammad reza Ay

Implementation of a methodology for the analysis of small animal PET images

Speaker

Dr Antonello Spinelli

Preliminary evaluation of the tomographic performance of the MediSPECT small animal imaging system

Speaker

Dr Maria Cristina Montesi

Method for subject recognition (identification)**Speaker**

Prof. Alexander Tcherepanov

Results obtained with the ClearPET(TM) Rodent small animal PET scanner**Speaker**

Dr Olivier Devroede

Scintillator studies for the HPD-PET**Speaker**

Raffaele DE LEO

Method to localize a fluorescent inclusion in a turbid medium using time-resolved systems**Speaker**

Dr Anabela da Silva

PIXSCAN: Pixel Detector CT-Scanner for Small Animal Imaging**Speakers**

Prof. Franck Debarieux, Dr Pierre Delpierre

Characterisation of a high spatial resolution SPECT dedicated to small animal imaging**Speaker**

Mr Virgile Bekaert

ADVANCED HIGH-SPEED MODULAR SYSTEMS WITH NEW INTERCONNECTS**Speaker**

Dr Vyacheslav Vinogradov

A simple method to estimate coordinate resolution of pixelized detectors**Speaker**

Dr Varlen Grabski

Temporal Monitoring and Quantitative Assessment of Tumor Burden Growth Using In Vivo Bioluminescence Imaging**Speakers**

Ms Chia-Chi Chen, Ms Ya Fang Chang

A Detector for Radionuclide Bronchial Scanning**Speaker**

Dr Raffaele Scafè

Dual SPECT/MR imaging in small animal**Speaker**

Ms Elodie Breton

Polysialylation increases lateral mobility of Neural Cell Adhesion molecule (NCAM) in the cell membrane.**Speaker**

Dr Valéry Matarazzo

Comparison of Monte Carlo simulated and measured performance parameters of miniPET scanner

Speaker

Mr Sandor Attila Kis

Molecular Switch of Cre/loxP for Radiation Modulated Gene Therapy on Hepatoma**Speaker**

Ms Ya-ju Hsieh

Initial experience in small animal imaging with clinical PET/CT scanner**Speaker**

Ms Chia-Lin Chen

Comparing assessments of myocardial viability between PET and MRI**Speaker**

Ms Ching-Ching Yang

CdZnTe Detectors for the Positron Emission Tomographic Imaging of Small Animals**Speaker**

Dr LOICK VERGER

188 RHENIUM-INDUCED CELL DEATH AND APOPTOSIS IN A PANEL OF TUMOR CELL LINES**Speaker**

Dr Andrea Perrotta

The SPECT Program at IASA**Speaker**

Dr Efstathios Stiliaris

Clinical evaluation of pixelated NaI:TI and continuous LaBr3:Ce compact scintillation cameras for breast tumors imaging**Speaker**

Prof. Roberto Pani

Sensitivity of limited angle TOF PET systems**Speaker**

Dr stefaan Vandenberghe

A YAP-CAMERA FOR MONITORING THE BIODISTRIBUTION OF RADIOTRACERS CONJUGATED WITH HYALURONIC ACID IN "IN VIVO "SYSTEMS**Speakers**

Dr Andrea Perrotta, Prof. Francesco Navarra

COMPUTIS : a new european project.**Speaker**

Dr Serge HAAN

An Intra-operative Compact Gamma Imager for Radio-guided Cancer Surgery : Evaluation for Sentinel Node Localization**Speaker**

Dr Stephanie PITRE

An Intraoperative beta probe for brain tumor surgery

Speaker

Dr Laurent MENARD

A new multimodal and quantitative approach for in vivo small animal brain studies : combination of the Nuclear Magnetic Resonance and the radiosensitive Beta-MicroProbe**Speaker**

Ms Aurélie Desbrée

Experimental evaluation of the ClearPEM Detector Modules**Speaker**

Ms Catarina Ortigão

Preliminary Report on LabPET, a High-Performance APD-Based Digital PET Scanner for Small Animal Imaging**Speaker**

Prof. Roger LECOMTE

RECENT TECHNOLOGIC DEVELOPMENTS ON HIGH RESOLUTION BETA IMAGING SYSTEMS FOR MOLECULAR IMAGING WITH MULTI-ISOTOPES LABELING APPLICATIONS**Speaker**

Dr Nicole BARTHE

ANALYSIS OF DIFFERENT DETECTOR AND ELECTRONICS DEFECTS ON F18-FDG IMAGES**Speaker**

Dr Felicia Zito

ClearPET, a high performance small animal PET scanner**Speaker**

Dr Pablo Sempere Roldan

Molecular imaging through 1H MRS and MRSI in everyday routine: improvements in various clinical applications and parameter optimization of spectroscopic imaging sequences.**Speaker**

Mr Anastasios Karatopis

15:00