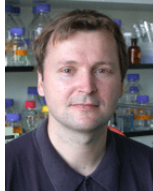


**CHUV RESEARCH DAY 2007**  
Thursday, February 1st, 2007  
*"Biomedical Imaging"*

**08:30** Presentation of the 2007 Research Day  
Professor Jean-Daniel Horisberger, Vice Dean for Research

**08:45** Keynote  
speaker 1



**Professor Fritjof Helmchen**  
*Department of Neurophysiology  
Brain Research Institute, Zurich*  
"Imaging cells at work: new looks at brain  
function"

**09:30** Coffee & Posters

**10:30** 5 short talks

**11:45** Keynote  
speaker 2



**Professor Rolf Gruetter, Dr Giulio  
Gambarota & collaborators**  
*Centre d'Imagerie BioMedicale (CIBM)  
of the UNIGE, UNIL, CHUV, HUG, EPFL  
and Jeantet-Leenaards Fdns.*  
"New insights with functional and  
metabolic imaging. Initial results from the  
CIBM of the lemanic area"

**12:30** Lunch, Coffee & Posters

**14:00** Keynote  
speaker 3



**Professor Ignasi Carrió**  
*Nuclear Medicine Department  
Hospital Sant Pau, Barcelona*  
"Molecular imaging with radiolabeled  
tracers: from genotype to phenotype"

**14:45** 5 short talks

**16:00** Coffee & Posters

**17:00** Keynote  
speaker 4



**Doctor Elie Mousseaux**  
*Radiologie Cardiovasculaire  
Hôpitaux de Paris*  
"The aortic geometry and distensibility and  
LV remodeling : the present and the future  
in MRI"

**17:45** Poster Prizes Ceremony

**18:00** Aperitif & Buffet

*ATTENDANCE IS FREE - NO REGISTRATION IS NECESSARY*

Contact: Recherche.fbm@unil.ch

NOTE: Posters will be displayed from  
Wednesday January 31<sup>st</sup> early morning to Friday February, 2<sup>nd</sup> early morning.

**CHUV RESEARCH DAY 2007**  
**Thursday, February 1st, 2007**  
**"Biomedical Imaging"**

**10 short talks**

Schedule	Names, departments	Titles
<b>Morning</b>		
10h30 - 10h45	<b>Professeur Theo Lasser</b> Laboratoire d'optique biomédicale EPFL	<i>"New concepts in optical imaging-from structure towards function"</i>
10h45 - 11h00	<b>Dr Carole Poitry-Yamate</b> Laboratoire Leenaards-Jeantet d'imagerie fonctionnelle et métabolique EPFL	<i>"Application of synchrotron X-ray fluorescence in biomedical imaging: imaging of glia and neurons and feasibility of low Z element mapping in brain"</i>
11h00 - 11h15	<b>Dr Pierre Marquet</b> Service de Psychiatrie générale CHUV	<i>"Analysis of neuronal dynamics with Digital Holographic Microscopy"</i>
11h15 - 11h30	<b>Dr Paola Bezzi</b> Département de biologie cellulaire et de morphologie UNIL	<i>"Imaging life of the secretory cell at its boundaries"</i>
11h30 - 11h45	<b>Dr Patric Hagmann</b> Laboratoire de traitement des signaux 5 EPFL	<i>"Imaging the brain neuronal network with diffusion MRI: a way to understand its global architecture"</i>
<b>Afternoon</b>		
14h45 - 15h00	<b>Dr John Prior</b> Service de Médecine Nucléaire CHUV	<i>"Prediction of Response to Multitargeted Tyrosine Kinase Inhibitor Sunitinib by F-18-Fluorodeoxyglucose Positron Emission Tomography in Patients With Gastrointestinal Stromal Tumor (GIST) After Imatinib Failure"</i>
15h00 - 15h15	<b>Prof. Jean-Yves Meuwly</b> Service de Radiodiagnostic CHUV	<i>"Image Processing of focal liver lesions in contrast ultrasound: preliminary results using a novel software program for improved lesion characterization"</i>
15h15 - 15h30	<b>Dr Cristina Granziera</b> Service de Neurologie CHUV	<i>"Anatomical alterations in motion processing areas in migraine"</i>
15h30 - 15h45	<b>Dr Laurent Favre</b> Service de Pneumologie CHUV	<i>« Comparison of virtual and flexible bronchoscopy in the detection of bronchial stenosis »</i>
15h45 - 16h00	<b>Dr Patrick Browaeys</b> Service de Radiodiagnostic CHUV	<i>"Pulsatility as a new parameter in intracranial aneurysmal characterization by four-dimensional 64-row multi-slice CT (4D-MSCT)"</i>