

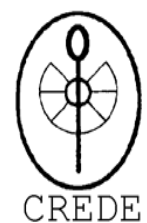


## Sponsors of the meeting:

6<sup>th</sup> Seminar of the Series on  
**Phenotype Characterization of  
 Genetically Modified Mouse Models**  
**Animal Imaging**  
 May 18-19, 2009  
*Mauno Koivisto Centre Auditorium, BioCity,  
 Tykistökatu 6 B, Turku, Finland*

## Organizing committee:

Sari Mäkelä  
 Pirjo Pakarinen  
 Matti Poutanen  
 Anne Roivainen  
 Eeva Valve



Drug Discovery  
 Graduate School  
 FinPharmaNet

**PGS**  
 Turku Postgraduate School of  
 Health Sciences



**May 18<sup>th</sup>**

**Session I: Multimodality Imaging *In Vivo***

**Chair:** *Matti Poutanen*, University of Turku, Finland

- 12:00-12:10**      **Opening words**, *Matti Poutanen*
- 12:10-13:10**      **Multimodality Imaging of Tumor Metastases**  
*Clemens Löwik, LUMC, The Netherlands*
- 13:10-14:10**      **Multimodality Imaging of Reporter Gene Expression *In Vivo***  
*Shahriar Yaghoubi, Stanford University School of Medicine, USA*
- 14:10-14:40**      **Coffee Break**
- 14:40-15:40**      **Targeted Nanocarriers for Multimodality Imaging and Therapy**  
*Gerben Koning, Erasmus Medical Center, Rotterdam, The Netherlands*

**Session II: Structural Imaging *In Vivo***

**Chair:** *Pirjo Pakarinen*, University of Turku, Finland

- 15:40-16:40**      **Application of Ultrasound Imaging**  
*LiMing Gan, University of Göteborg, Sweden*
- 16:40-17:00**      **Break**
- 17:00-18:00**      **CT Imaging for Soft Tissues**  
*Alan Chan, Advanced Research Technologies Inc, Canada*
- 18:00**              **Buffet Dinner / BioCity Amica**



**May 19<sup>th</sup>**

**Session III: *In Vitro* vs *In Vivo* Imaging**

**Chair:** *Anne Roivainen*, University of Turku, Finland

- 8:30-9:00**              **Coffee**
- 9:00-10:00**          **Fluorescent proteins as imaging tools in vivo**  
*Vasilis Ntziachristos, Technical University of Munich, Germany*
- 10:00-11:00**        **Imaging in animal models of Alzheimer's disease**  
*Jukka Jolkkonen, University of Kuopio, Finland*
- 11:00-12:00**        **Short presentations by participants**

**12:00-13:00**        **Lunch Break**

**Session IV: Molecular Imaging *In Vivo***

**Chair:** *Sari Mäkelä*, University of Turku, Finland

- 13:00-14:00**        **Affibody Molecules - High Affinity Scaffold Proteins for Molecular Imaging**  
*Vladimir Tolmachev, Uppsala University, Sweden*
- 14:00-15:00**        **Imaging of Stem Cell Fate**  
*Timm Schroeder, German Research Center for Environmental Health, Germany*
- 15:00-15:30**        **Coffee Break**
- 15:30-16:30**        **MRI in Mouse Models of Cardiovascular Disease**  
*Gustav Strijkers, University of Eindhoven, The Netherlands*
- 16:30-17:15**        **Panel discussion; questions from the audience, all speakers**
- 17:15**                **Closing words**, *Anne Roivainen*