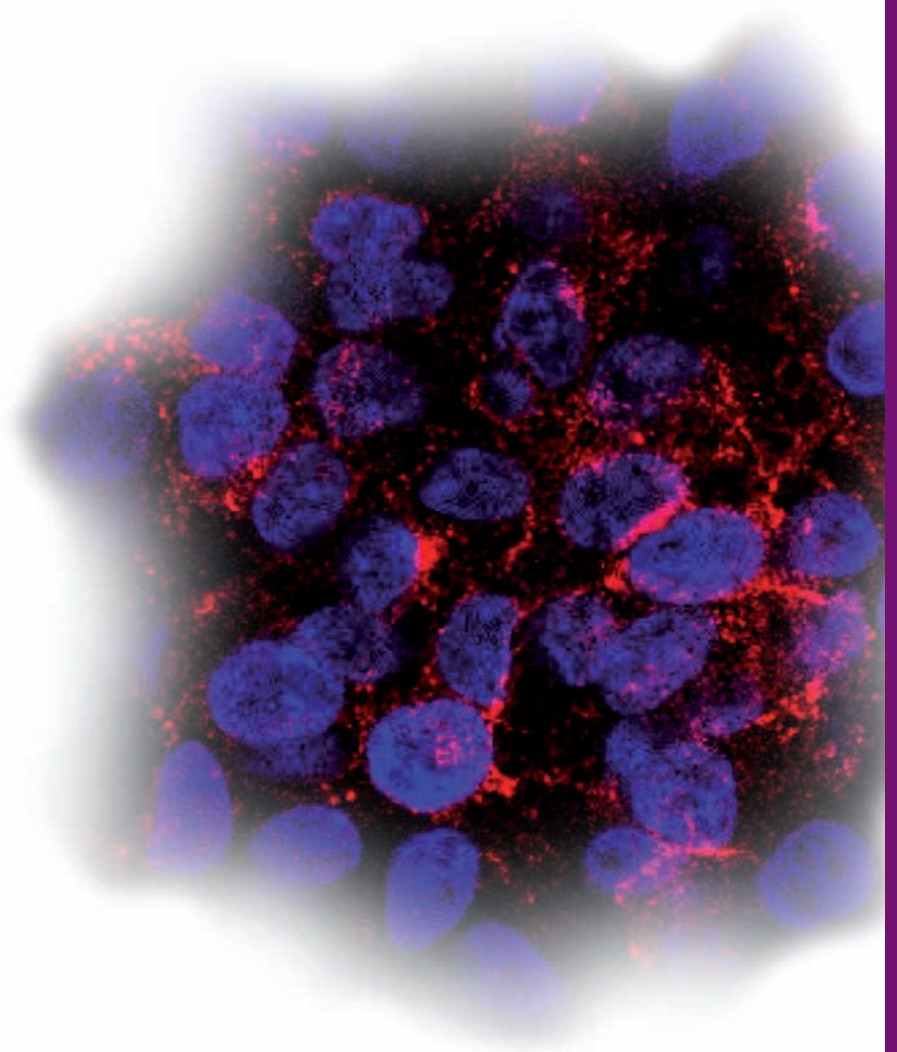


The 6th Uppsala Spring Meeting

The Future of Molecular Imaging

New technology and scientific challenges
to meet clinical needs

April 12-14, 2010
Uppsala, Sweden



GE imagination at work

The journey of MI and tracers

MONDAY APRIL 12, 2010

4th EU FP7 ITN IIIOS training event "Molecular Imaging"

08.30 Coffee and registration

09.00 **Welcome and introduction**

09.15 Introduction to imaging modalities

09.45 Magnetic Resonance Imaging

10.15 Ultrasound

10.45 Optical Imaging

11.15 Introduction to Molecular Imaging: PET, SPECT, Tracer development and Cyclotrons

11.45 Q&A

12.00 **Lunch**

13.00 GEHC and the academic initiative

GEHC vision of MI

MDx and Imanet

Tracer preparation and In vitro techniques for tracer validation

Tracer development a story around technology and validation

Radio tracer technology platforms new directions

68Ga tracers

Maldi Imaging

In vitro tracer validation CNS

11C-tracers

18F-tracers

Uppsala ASL - biotechnologies collaboration

15.15 **Coffee**

15.45 **Bioimaging a big science vision - the need of integration and collaboration**

Multi modality imaging in neuro diagnosis

MR-PET in whole-body imaging

MI in studies of lung physiology

Affibody molecules in diagnosis and therapy

New binder concepts for MI

Studies toward a selective PET-tracer for the AT2 receptor

Hypertension is that something where PET can contribute?

Image analysis

Image analysis implemented in MI

MI as a tool in translational research in a drug development perspective

18.15

19.00 **Faculty dinner (by invitation only)**

Bengt Nielsen

Bengt Nielsen

Anders Nordell

Johan Oscarsson

Len Fass

Håkan Hall

All

Bengt Nielsen

Jean-Luc Vanderheyden

Lennart Thurfjell

Bengt Nielsen

Bengt Långström

Johan Ulin

Irina Velikyan

Per Andren

Marie Svedberg

Oleksiy Itsenko

Obaidur Rahman

Lena Kask

Bengt Långström

Elna-Marie Larsson

Håkan Ahlström

Göran Hedenstierna

Vladimir Tolmachev

Lars Baltzer

Mats Larhed

Per Hellman

Ewert Bengtsson/Robin Strand

Pasha Razifar

Raymond Josepsson



Imperial College
London

I³ OS



UPPSALA
UNIVERSITET

Molecular Imaging - the Clinical perspectives

TUESDAY APRIL 13, 2010

08.30	MI in CNS research MI in studies of epilepsi - the Euripides project Multitracers in AD research Tracers and biomarkers in AD research recent progress Comparison of biomarkers from PET [¹⁸ F]flutemetamol amyloid imaging and structural MRI PET in anxiety research PET in pain research	Lennart Thurfjell/Bengt Långström Matthias Koeppe Agneta Nordberg Juha Rinne Lennart Thurfjell Mats Fredriksson Clas Linnman
10.15	Coffee	
10.45	Scandinavia medical imaging The Euro Bioimaging - the Swedish bioimaging Clinical PET in adrenal cancer A Stockholm experience Clinical PET at Odense Clinical PET at Turku PET in clinical research from MTO to FMTO th need of clinical validation	Bengt Nielsen/Örjan Smedby Örjan Smedby Anders Sundin Stig Larsson Henrik Petersen Marko Seppänen Per Hellman
12.15	Lunch	
13.45	Impact of MI on patient management - new avenues! PET in coloncancer impact on patient mangement? PET in management of patients with endocrine cancer PET in management of prostate cancer Pregargeting using multispecific antibodies: A new vision for diagnosis and therapy of cancer. ⁶⁸ Ga in a clinical perspective The new radiology view on Molecular Imaging Experience of PET (MRI) in cardiology	Bengt Långström/Terry Jones Lars Pählman Barbro Eriksson Silvia Johansson David Goldenberg Vikas Prasad Luis Martí-Bonmatí Dominique Leguludec
15.30	Coffee	
16.00	The impact of technology on the future MI New PET Technology ADME in animal models Integration of non-ivasive technology/MI a challenge with potential in patient management Modelling as a tool in quantification in MI Quantification in MI impact on drug development The renaissance of physiology studies with MI Biomakers in kidney failure The Human protein project- status and what is next Cancer stem cells	Terry Jones /Bengt Långström Jose-Maria Benloch Yasuyoshi Watanabe Andreas Melzer Mark Lubberink Roger Gunn Terry Jones Harry Holthofer Fredrik Ponten Gordon McVie
18.45	Buffet dinner (all welcome)	

Pharmacological and Regulatory perspectives

WEDNESDAY APRIL 14, 2010

08.30	Pharmacology Addiction research using PET Microdosing in human trials Efflux tracers some perspectives The BBB-barrier PET in studies of the ppg system	Mats Bergström/ Bengt Långström David Nutt Yuichi Sugiyama Per Artursson Margareta Hammarlund-Udenaes Stina Syvanen
10.10	Coffee	
10.45	The hurdles in future MI - the risk, benefit and GMP The toxicology perspective Radiation toxicology in the perspective of risks and benefits in MI External and internal challenges to the development of clinical PET The new EU directives: Impact of the future MRI The French regulatory perspective on GMP of today Why should a clinical trial of medicinal products be performed when a new PET ligand is administered to patients? Panel discussion	Terry Jones / Bengt Långström Jurgen Borlak Hans Lundqvist Per Hartvig Honoré Freddy Stålberg Philippe Lechat Ann Marie Janson Lang Anders Grahnén
12.30	Lunch	
14.00	Pharma and GEHC and the views on MI Pfizer AstraZeneca Novartis Roche PET in DD form a GEHC perspective	David Nutt / Bengt Nielsen TimMcCarthy Lars Farde David Tuch Mats Bergström Bertrand Loubatoun
16.00	Concluding remarks	Terri Bresenham



GE imagination at work

The 6th Uppsala Spring Meeting

April 12 - 14, 2010

UPPSALA KONSERT & KONGRESS CENTER (www.ukk.se)

Vaksala torg 1, Uppsala, Sweden

WE NEED YOUR REGISTRATION NO LATER THAN MARCH 29, 2010

Name:.....

Title:

Clinic:

Address:

Country:

Phone no:

Email address:

Kindly specify which programs you will attend:

- Day 1, April 12
- Day 2, April 13
- Day 3, April 14

Register via fax or mail:

Fax +46 8 559 500 15

email: annsofie.persson@ge.com

The participation fee is 2000 SEK (approx. 250 US dollars) for the whole event and includes all meals as per the program.

Your application is registered when the fee is paid to: Danske Bank, Account no: 12410106218

SWIFT: DABASESX IBAN: SE9312000000012410106218

Please add your name and USM09 as reference for the payment.

For questions regarding payment, please contact Sungmee Gundlegard via e-mail: sungmee.gundlegard@ge.com

Hotel suggestions:

Park Inn Uppsala, Phone +46 18 68 11 00, Scandic Upplandia, Phone +46 18 495 26 00,
Hotel Gillet, Phone +46 18 68 18 00, First Hotel Linné, Phone +46 18 10 20 00



AFFILIATIONS

BENGT LÅNGSTRÖM
Bengt.Langstrom@biorg.uu.se
Bengt.Nielsen@ge.com
JEAN-LUC VANDERHEYDEN
Jeanluc.vanderheyden@ge.com
LENNART THURFJELL
Lennart.Thurfjell@ge.com
HÅKAN HALL
Hakan.Hall@ge.com
MARIE SVEDBERG
Marie.Svedberg@biorg.uu.se
OLEKSIY ITSENKO
Oleksiy.Itsenko@ge.com
OBAIDUR RAHMAN
Obaidur.Rahman@ge.com
LENA KASK
Lena.Kask@ge.com
IRINA VELIKYAN
Irina.Velikyan@ge.com
JOHAN ULIN
Johan.Ulin@ge.com
ÖRJAN SMEDBY
orjan.smedby@liu.se
EWERT BENGTSOON
Ewert.Bengtsson@cb.uu.se
ROBIN STRAND
Robin.Strand@cb.uu.se
ELNA-MARIE LARSSON
elna-marie.larsson@akademiska.se
HÅKAN AHLSTRÖM
hakan.ahlstrom@akademiska.se
VLADIMIR TOLMACHEV
Vladimir.Tolmachev@bms.uu.se
LARS BALTZER
Lars.Baltzer@biorg.uu.se
GORAN HEDENSTIERNA
Goran.Hedenstierna@medsci.uu.se
PER ANDREN
Per.E.Andren@bmms.uu.se
PASHA RAZIFAR
Pasha.Razifar@ge.com
RAYMOND JOSEPHSSON
Raymond.Josephsson@roche.com
PER HELLMAN
Per.Hellman@surgsci.uu.se
MATTHIAS KOEPP
mkoopp@ion.ucl.ac.uk
AGNETA NORDBERG
Agneta.K.Nordberg@ki.se
JUHA RINNE
Juha.Rinne@tyks.sf
LENNART THURFJELL
Lennart.Thurfjell@ge.com
MATS FREDRIKSSON
Mats.Fredrikson@psyk.uu.se
CLAS LINNMAN
linnman@nmr.mgh.harvard.edu
ANDERS SUNDIN
Anders.Sundin@ki.se
STIG LARSSON
stig.larsson@karolinska.se
HENRIK PETERSEN
henrik.petersen@ouh.regionssyddanmark.dk
MARKO SEPPÄNEN
Marko.Seppanen@tyks.fi
PER HELLMAN
Per.Hellman@surgsci.uu.se
LARS PÅHLMAN
Lars.Pahlman@surgsci.uu.se
BARBRO ERIKSSON
Barbro.Eriksson@medicin.uu.se
SILVIA JOHANSSON
silvia.johansson@onkologi.umu.se
DAVID GOLDBERG
dmg.gscancer@worldnet.att.net
VIKAS PRASAD
v.prasad.pet@zentralklinik-bad-berka.de
LUIS MARTÍ-BONMATÍ
Luis Marti Bonmati [luis.marti@uv.es]
DOMINIQUE LEGULUDEC
dominique.leluludec@bch.ap-hop-paris.fr
JOSE-MARIA BENLLOCH
benlloch@ific.uv.es
YASUYOSHI WATANABE
yywata@riken.jp
ANDREAS MELZER
A.Melzer@dundee.ac.uk
MARK LUBBERINK
mark.lubberink@vumc.nl
ROGER GUNN
Roger.Gunn@gsk.com
TERRY JONES
terry.jones40@googlemail.com
HARRY HOLTHOFER
harry.holthofer@dcu.ie
FREDRIK PONTEN
Mathias@biotech.kth.se
GORDON MCVIE
gordon.mcvie@ieo.it
DAVID NUTT
d.nutt@imperial.ac.uk
YUICHI SUGIYAMA
yu-one.sugiyama@nifty.com
PER ARTURSSON
Per.Artursson@farmaci.uu.se
MARGARETA HAMMARLUND-UDENAES
Margareta.Hammarlund-Udenaes@farmbio.uu.se
STINA SYVANEN
s.syvanen@lacdr.leidenuniv.nl
JURGEN BORLAK
borlak@item.fraunhofer.de
HANS LUNDQVIST
Hans.Lundqvist@bredband.net
PER HARTVIG HONORÉ
peh@farma.ku.dk
FREDDY STÅHLBERG
Freddy.Stahlberg@radfys.lu.se
PHILIPPE LECHAT
Philippe.LECHAT@afssaps.sante.fr
ANNMARIE JANSSON LANG
AnnMarie.JansonLang@mpa.se
ANDERS GRAHNEN
Anders.Grahnen@Quintiles.com
TIM MCCARTHY
Tim.MacCarthy@pfizer.com
LARS FARDE
Lars.Farde@ki.se
DAVID TUCH
david.tuch@novartis.com
MATS BERGSTRÖM
Mats.Bergstroem@roche.com
BERTRAND LOUBATON
bertrand.loubaton@ge.com
TERRI BRESNHAM
bresenham.terri@ge.com

