

XI Turku PET Symposium

New Targets in Molecular Imaging

24 – 27 May 2008
Turku, Finland



FINAL ANNOUNCEMENT

<http://congress.utu.fi/turkupet2008/>

Turku PET Symposium

Dear Colleagues,

It gives us great pleasure to invite you to participate in XI Turku PET Symposium, which will be held on 24 – 27 May 2008 in Turku, Finland.

The Symposium is designed for professionals working with cyclotrons, PET radiochemistry, and modelling, as well as PET imaging. The attendance should be particularly useful to those who are new to the field or want to broaden their understanding of the rapidly developing research applications of PET.

This meeting, held every third year since 1975, has a programme that covers the whole field from cyclotrons to clinical applications of PET and multimodality imaging. The scientific program consists of plenary lectures and free oral and poster presentations. In addition, a technologist session with invited oral presentations will be held in parallel with the scientific program.

We look forward to seeing you in Turku!

Yours sincerely,

Juhani Knuuti
Professor
Chairman of the Organising Committee

Kari Kalliokoski
Adjunct professor
Scientific Secretary

Organizing Committee

Juhani Knuuti, Chairman
Kari Kalliokoski, Scientific Secretary
Eveliina Arponen
Jörgen Bergman
Olli Eskola
Sarita Forsback
Tove Grönroos
Merja Haaparanta-Solin
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Hannele Lehtinen

Päivi Marjamäki
Tarja Marttila
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Kjell Någren
Vesa Oikonen
Pirjo Rautiainen
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Anne Roivainen
Nina Savisto
Marko Seppänen
Hannu Sipilä
Olof Solin
Mika Teräs
Tuula Tolvanen
Kirsti Tornainen
Kirsi Virtanen

General Information

Symposium venue

The Symposium venue, ICT building of the Turku Science Park, is within a walking distance from the city centre and from the Symposium hotels. Street address: Joukahaisenkatu 3 - 5

Symposium language

The official language of the Symposium is English, no simultaneous translation will be provided.

Abstract submission

We welcome abstracts for oral and poster presentations. Abstracts are submitted electronically via the submission system on the Symposium website (<http://congress.utu.fi/turkupet2008/>). The deadline for submission is 29 February 2008. All accepted abstracts will be published in the Abstract Book. Number of abstracts per author is not limited.

Young Investigator Award

Five best papers submitted as free presentations will be awarded with free Symposium participation and a diploma. The criteria for participation are:

- 1) Under the age of 35 at the time of the Congress
- 2) PhD student or equivalent
- 3) The candidate must be the first author of the paper

Software Development Session

We invite all software developers working with PET radiochemistry, instrumentation, modelling, and data management to submit abstracts for a poster presentation of their work. The authors of the most interesting abstracts will be called to present their poster and/or to demonstrate their software in the Software Development Session which will be held in parallel with the scientific programme on Monday morning. The session provides an opportunity to meet other developers, possible future collaborators and software users.

Exhibition

A commercial exhibition will be held during the Symposium. For further information, please contact the Congress Office (Email: congress@utu.fi).

Symposium Programme

Saturday
24 May

Sunday, 25 May

08.00 Registration

09.00-12.15 Radionuclide production and radiochemistry

09.00-09.30 Large scale production of radionuclides for PET – Bill Alvord, US

09.30-10.00 Copper radionuclides for PET – Miguel Avila-Rodriguez, Canada

10.00-10.30 An industry perspective on future of PET radiopharmaceuticals – Antony Gee, UK

10.30-11.00 Coffee and posters

11.00-11.30 After thirty years of target and radiochemistry developments, where are we? Where are we headed? - Tom Ruth, Canada

11.30-12.00 Asymmetric synthesis of PET radiopharmaceuticals – Raisa Krasikova, Russia

12.00-12.15 Free oral presentation

12.15 Lunch

Posters and site visits

13.30-16.30 Instrumentation and modelling

13.30-14.00 Motion in whole body PET/CT studies – Dimitris Visvikis, France

14.00-14.30 Motion correction strategies in brain PET – Rich Carson, US

14.30-15.00 Platforms for small-animal imaging – Pat Zanzonico, US

15.00-15.30 Coffee and posters

15.30-16.00 ntPET: Temporal characterization of neurotransmitter release – Evan Morris, US

16.00-16.15 Free oral presentation

16.15-16.30 Free oral presentation

11.00-12.30 Technologist session

11.00-11.30 Preparation of the patient prior to a PET study – Marko Seppänen, Finland

11.30-11.50 Clinical PET Study - Radiographers point of view – Heidi Betlehem, Finland

11.50-12.30 QA in Radiation protection in a PET/CT facility – Kate Pedersen, Denmark

12.30 Lunch

Posters

13.30-16.45 Technologist session continues

13.30-13.50 Metabolic analyses as part of the PET studies – Pauliina Virsu, Finland

13.50-14.10 The role of the technologist in the production of ¹⁵O-labelled radio-water – Heidi Lappalainen, Finland

14.10-14.30 Tutorial of the technologist students – Sanna Suominen, Finland

14.30-15.00 Free discussion

15.00-15.30 Coffee and posters

15.45-16.45 Excursion to the Turku PET Centre

18.00
Get-together
party

Registration

Sauna Party

Symposium Programme

Monday, 26 May

08.30-10.00 From preclinical to clinical imaging in PET

08.30-09.00 Role of small animal PET for molecular imaging in pre-clinical studies – Cristina Nanni, Italy

09.00-09.30 Preclinical PET in development of new drugs– Raymond E Gibson, US

09.30-10.00 Free oral presentations

10.00-10.30 Coffee, posters and exhibition

10.30-12.00 Oncology

10.30-11.00 PET/CT assessment of treatment response in Oncology – Sigrid Stroobants, Belgium

11.00-11.30 PET-based treatment planning in radiotherapy: a new standard? – Vincent Gregoire, Belgium

11.30-12.00 Free oral presentations

12.00 Lunch

Posters and Exhibition

13.00-14.45 Cardiology

13.00-13.30 New molecular imaging targets in cardiology – Frank Bengel, US

13.30-14.00 Hybrid imaging - revolution in cardiac imaging – Juhani Knuuti, Finland

14.00-14.15 Free oral presentation

14.15-14.45 Clinical cardiac imaging – where are we going? – Marcelo Di Carli, US

14.45-15.30 Coffee, posters and exhibition

15.30-17.00 Molecular Imaging in Endocrinology

15.30-16.00 Imaging of neuroendocrine tumours – Klaas-Pieter Koopmans, The Netherlands

16.00-16.30 11C-DTBZ Positron emission tomography as a tool to measure pancreatic beta cell mass – Eric Liu, US

16.30-17.00 Free oral presentations

Concert and Banquet

Tuesday, 27 May

08.30-11.15 Neurotransmission

08.30-09.00 Imaging dopamine in cognition – David Brooks, UK

09.00-09.30 Amyloid imaging – Agneta Nordberg, Sweden

9.30-10.00 Coffee and posters

10.00-10.30 Advances in white matter imaging – Martha Shenton, US

10.30-11.00 How antipsychotics work - lessons from men, mice and molecules – Shitij Kapur, Canada

11.00-11.15 Free oral presentation

11.15 Lunch

12.30-15.00 GMP in PET: From research to clinical practice

12.30-13.15 Changing world of GMP in PET – Paul Crosby, UK.

13.15-13.45 Operational perspective for safe PET-radiopharmacy practice – Per Hartvig, Sweden

13.45-14.00 Coffee

14.00-14.30 Panel debate with questions from the audience (will be collected during the lunch break), Kirsti Tornainen (chairman), Paul Crosby, Per Hartvig, Antony Gee, Veikko Koivisto

14.30-15.00 EU Innovative Medicines Initiative – Veikko Koivisto, Germany

15.00-15.15 Closing of the symposium

Juhani Knuuti, Chairman of the Organising Committee

Social Programme

Get-together Party

ICT building (address: Joukahaisenkatu 3 - 5)

Saturday, 24 May 2008, at 18.00

Free participation (registration required)

The XI Turku PET Symposium will start with a Get-Together Party. Meet your friends and enjoy a special evening. Welcoming speeches will be followed by a mingle dinner with snacks and drinks.

Sauna Party

Metsä-Jukola, Naantali

Sunday, 25 May 2008

Free participation (registration required)

A traditional and very popular Sauna Party is held on Sunday evening in Naantali at Metsä-Jukola. During the evening you can bathe in sauna, enjoy the beautiful scenery of the archipelago, and take part in different outdoor games. Buffet dinner is included. Please note that the number of participants in the sauna party is limited and the reservations are made on a "first come, first served" basis. So please, register early!

Concert and Banquet

Turku Cathedral, Turku

Old Academy Building, Turku

Monday, 26 May 2008

Banquet tickets 50€

The congress Banquet evening in the city centre will start with a short music performance in Turku Cathedral and continue next door with dinner at the Old Academy Building. (See location of the Turku Cathedral and Old Academy Building.) The sponsored price covers an eventful programme and the dinner.

Registration and Accommodation

Registration

To register for the Symposium, please fill in the registration form on the Symposium website (<http://congress.utu.fi/turkupet2008/>). Please indicate all the events you will attend in the scientific as well as in the social programme. Note that registration for the events will be confirmed upon payment on a "first come, first served" basis. The symposium fees include the scientific programme, symposium material, lunches and coffees at the Symposium venue as well as the Get-Together Party on Saturday, 24 May and the Sauna Party on Sunday, 25 May. The fees can be found from the registration form. Please, note that the late registration fees, after 15 March 2008, are higher. For registration on-site and on-site payments cash (Euro), Visa, Mastercard, and Eurocard are accepted.

All registrants will receive a confirmation letter from the Congress Office. The Abstract Book and other material will be handed out at the registration desk.

Cancellation must be made in writing (letter, fax, or email) to the Congress Office before 30 April 2008. No fees will be refunded after this date. A processing fee of 50 € will be deducted from all refunds.

Accommodation

Accommodation reservations can be made on the registration form found at the Symposium website (<http://congress.utu.fi/turkupet2008/>).

Further information

Updated information is available on the Symposium website. All correspondence concerning registration, payments, travelling, or accommodation should be directed to the Congress Office, congress@utu.fi. Further information about the scientific program can be obtained from the Scientific Secretary of the Symposium, Dr. Kari Kalliokoski, kari.kalliokoski@utks.fi

Congress Office / XI Turku PET Symposium

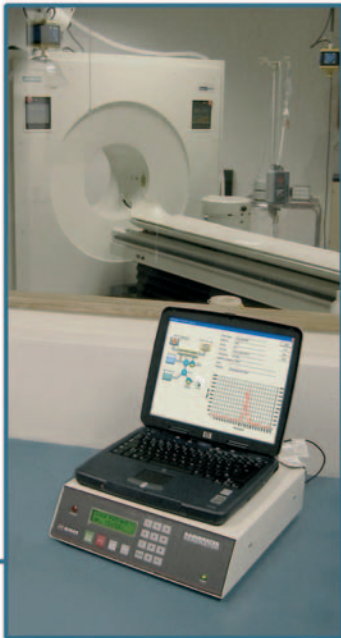
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<http://congress.utu.fi/turkupet2008>

IMPROVING PET RESEARCH POSSIBILITIES

HIDEX OY

has developed, in collaboration with the Turku PET Centre, an automated radiowater production and infusion module.

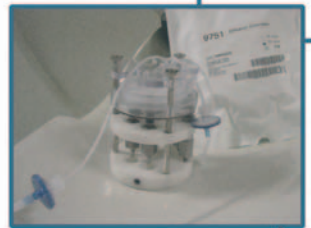


Advantages of the new system

- Disposable sterile components
 - GMP compatible
- Remote controlled automatic i.v. injection
- Increased patient safety
- Decreased staff radiation exposure

Applications

- Blood flow studies in:
 - Heart imaging,
 - Oncology; tumour flow
 - Brain activation



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