International Symposium

MOLECULAR IMAGING AGENTS IN MEDICINE

February 13th-15th 2017
Groningen, The Netherlands

Post congress
“Photopharmacology”
February 16th 2017

symposiumMIC2017@UMCG.nl
Molecular medicine has boosted the interest of clinic, research and industry alike in imaging agents. They act as biomarkers, enable precision medicine and provide research and industry with powerful methodologies.

Because of its intrinsic molecular nature, radiochemistry/radiopharmacy in the field of nuclear medicine has been the most visible exponent. However, in addition to radiopharmaceuticals, molecular imaging agents nowadays also encompass optical agents, activable microbubbles and MRI agents. Moreover, similarly to Swiss knifes molecular imaging agents may be designed with additional features such as stealth properties (liposomes, etc.) and/or theranostic options. Finally, hybrid systems boost the demand for multi-modality imaging agents, while precision medicine drives the need for patient-friendly multiparametric approaches.

Issues addressed during this symposium are:
1. For chemists, pharmacists and biologists: the present state-of-the-art of molecular imaging agents, work-in-progress and future developments.
2. And for medical specialists: the benefit to clinic and/or research from the developments in a wide range of molecular imaging agents as an add-on to state-of-the-art (hybrid) preclinical and clinical imaging facilities.

HIGHLIGHTS

- An international panel of experts from different fields in clinic research (imaging specialists, clinicians, biologists, chemists, pharmacists) will discuss recent developments and future perspectives.
- The Wijnberg and Vaalburg Lectures will honor pioneers in the field.
- Poster sessions allowing all participants to present recent work with 3 prizes by an independent committee.
- The symposium will be followed by a post-congress on “Photopharmacology”, which can be attended free of charge.
- An exhibition will allow interaction with representatives of leading industries in the field.
We aim at a size of 200 people, multidisciplinary and focusing on imaging agents, stimulating participants with refreshing ideas, allowing much discussion and useful networking.

Groningen is a cozy city of 200,000 inhabitants in the North of the Netherlands, reachable by highway or by train (2 hours) from Amsterdam airport. Hotels and city center are all within walking distance of the symposium venue.

It is our pleasure to welcome you in Groningen.

B.L. Feringa, W. Szymanski, H.H. Boersma and P.H. Elsinga, co-chairs
R.A.J.O. Dierckx, organizer

List of confirmed speakers

- Phil Blower, King’s College, London, UK
- Otto Boerman, Radboud UMC, The Netherlands
- Hendrikus Boersma, UMCG, The Netherlands
- Koos Burggraaf, CHDR & LACDR, The Netherlands
- Peter Caravan, General Hospital, Massachusetts, USA
- Ignasi Carrio, Hospital Sant Pau, Spain
- Alex Domling, RUG, The Netherlands
- Guus van Dongen, VUmc, The Netherlands
- Janine Doorduin, UMCG, The Netherlands
- Rudolf Fehrmann, UMCG, The Netherlands
- Ben Feringa, RUG, The Netherlands
- John V. Frangioni, Curadel, USA
- Erik Frijlink, RUG, The Netherlands
- Anthony Gee, King’s College, UK
- Marion de Jong, Erasmus MC, The Netherlands
- Rogier Lange, MeanderMC, The Netherlands
- Erik van Lier, BV Cyclotron, The Netherlands
- Gert Luurtsema, UMCG, The Netherlands
- Vasilis Ntziachristos, Technical University Munich, Germany
- Hidde Ploegh, MIT, USA
- Tobias Ritter, Max Planck Institute, Germany and Harvard University, USA
- Michael Schäfers, NUC & EIMI, WWU Münster, Germany
- Roger Schibli, ETH, Switzerland
- Eva Toth, CNRS Orleans, France
- Stefaan Vandenberghe, Ghent University, Belgium
- Michel Versluis, UTwente, The Netherlands
- Elisabeth de Vries, UMCG, The Netherlands
- Rikki Waterhouse, WIBC, USA
- Bert Windhorst, VUmc, The Netherlands

Post symposium

- Michael Decker, Germany
- Ben Feringa, The Netherlands
- Edith C. Glazer, United States
- Pau Gorostiza, Spain
- Morten Grötli, Sweden
- Stefan Hecht, Germany
- Christian Peifer, Germany
- Dirk Trauner, Germany
- G. Andrew Woolley, Canada