

Application of PET Imaging in the
Discovery and Development of new Drugs:

Design and Synthesis of PET Radioligands

AVAILABLE SEATS

60

INSCRIPTION

Admission is free and includes participation to all lectures,
certificate of attendance, lunch and beverages.

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REGISTRATION

Please submit the following details (via e-mail) and
you will receive an e-mail of acceptance:

- Name and Last Name
- Address, Postcode, City
- E-Mail
- Company/Institution Name

INSCRIPTIONS WILL BE CONSIDERED BY STRICT
ORDER OF ARRIVAL

DEADLINE FOR REGISTRATION

29 April 2010.

CONTACT INFORMATION

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11 May, 2010

Faculty of Pharmacy Universidad San Pablo CEU

This Symposium aims to introduce interested participants on the basic principles and applications of PET (Positron Emission Tomography) Imaging. Nowadays Molecular Imaging technologies are widely used in the clinical practice not only for diagnostic purposes but also as translational tools applied in the drug discovery & development process. Among these technologies, PET imaging is a non-invasive technique that offers the highest spatial and temporal resolution. The strategy, aimed at the design and synthesis of new PET ligands, is closely related to Medicinal Chemistry. This symposium is directed to scientists, specially graduate and post-doctoral researchers, in the fields of Pharmaceutical and Biological Chemistry and is part of the activities organized by “Cátedra Janssen-Cilag”

ORGANISING COMMITTEE

José Ignacio Andrés (Janssen-Cilag)
Beatriz de Pascual-Teresa (USP-CEU)
Javier Fernández Gadea (Janssen-Cilag)
Ana Gradillas Nicolás (USP-CEU)
Antonio Gómez (Janssen-Cilag)
Sonsoles Martín Santamaría (USP-CEU)

VENUE

Room I, Polytechnic School (EPS Building)
Faculty of Pharmacy
Universidad San Pablo CEU
Boadilla del Monte-28668 (Madrid)
Metro-Ligero: Montepríncipe

PROGRAM

Tuesday, 11 May 2010

- 9:15** Opening Remarks
- 9:30** Prof. Guy Bormans (Catholic University Leuven, Belgium):
Introduction to the Concept of PET and to PET chemistry.
Fundamentals of radiosynthesis
- 10:30** Dr Mark Schmidt (Janssen Pharmaceutica N.V.):
Clinical aspects of PET technology. Applications to
diagnostic and to drug discovery and development
- 11:30** Coffee break
- 12:00** Dr Xavier Langlois (Janssen Pharmaceutica N.V.):
Preclinical Imaging. Ex-vivo and in-vivo techniques to
study receptor occupancy and application to the discovery
of PET ligands
- 13:00** Lunch
- 15:00** Dr Ignacio Andrés (Janssen-Cilag Spain).
Strategy for the discovery of new PET ligands in
Neuroscience at Johnson and Johnson, a case study
- 16:00** Coffee break
- 16:30** Prof. Bengt Langström (University of Uppsala, Sweden)
The future of molecular imaging – development of tracers
and technology to be used with short-lived radionuclides
- 17:30** Closing remarks