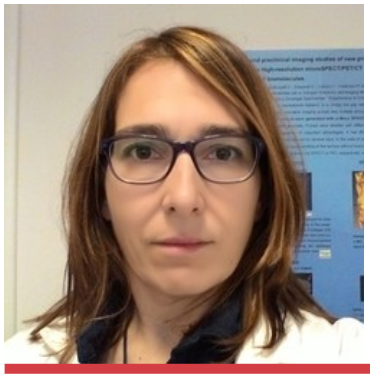

Francesca Bianchini

IN VIVO DIVISION MANAGER

Imadrom s.r.l.

http://www.imadrom.com

BILATERAL MEETINGS

Thursday (1:30pm – 6:00pm)

Friday (9:00am – 12:00pm)

DESCRIPTION IMADROM is an innovative start-up based in Florence, Italy, providing a wide range portfolio of molecular imaging services to pharmaceutical, biopharmaceutical, and medical device companies along the entire drug development pathway to improve their speed-to-market and cost effectiveness. MOLECULAR IMAGING offers unique insights into “in vivo” analysis of metabolic, physiological and pharmacological properties of living organisms and of the human body, essential to the work of investigators and physicians in developing new pharmaceuticals and individualized therapies.

ORGANIZATION TYPE University, Company

ORGANIZATION SIZE 1-10

FOUNDING YEAR 2015

EMAIL info@imadrom.com

COUNTRY Italy

CITY FLORENCE, Via Madonna del Piano, 6 Google map

Request

HORIZON 2020 COLLABORATIONS IN HEALTH AND NANOTECHNOLOGIES FOR IMAGING

We are looking for potential partners in Horizon 2020 collaborations. We will provide a long-standing expertise in Clinical and Preclinical Molecular Imaging

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Offer

PHARMACOKINETICS AND BIODISTRIBUTION STUDIES OF NEW DRUGS

Implantation and growth of xenografts in immunodeficient mice.
• Use of molecular imaging for studies of metabolic activity (18F-FDG), angiogenic activity (124I-RGD), and tissue hypoxia (64Cu-ATSM) in tumor xenografts in immunodeficent mice.
• Imaging of human diseases in experimental animal models.
• Labeling with radioactive or cold isotopes of developing pharmacological molecules, for in vitro studies of retention of pharmacological activity (IC50, Scathchard plots), and conservation of the biological targeting in vivo (imaging).
• Pharmacokinetics and biodistribution studies of experimental drugs, and preliminary toxicological evaluation in experimental models.
• Calculation of residence times and dosimetry estimates for novel radiopharmaceutic.

KEYWORDS: PRECLINICAL IMAGING MICROSPECT MICROPET MRI BIODISTRIBUTION PK AND PD DRUG DEVELOPMENT

COOPERATION OFFERED

1. Outsourcing co-operation
2. Technical co-operation

Offer

SYNTHESIS AND RADIOLABELLING OF BIOACTIVE MACROMOLECULES FOR CLINICAL PURPOSE

• Design and preparation of technical dossiers about synthesis, production and labeling with radioisotopes of the chemical species undergoing pharmaceutical development.
• Studies about structure/function relationships concerning biokinetic, biodynamic and biodistribution properties of the molecules, also through use of molecular imaging technologies in animal models.
• Radiolabelling of macromolecules (e.g. antibodies, antibody fragments), with radioisotopes for SPECT(125I, 111In, 99mTc, etc) or PET (18F, 124I, 64Cu, etc) imaging

KEYWORDS: RADIOLABELLING SYNTHESIS PET SPECT MRI

COOPERATION OFFERED

1. Outsourcing co-operation
2. Technical co-operation

Offer

PROCESSING, RECONSTRUCTION, STORAGE, AND SHARING OF MEDICAL IMAGES

Development of software for processing, reconstruction, storage, and sharing of medical images for clinical and experimental use.
• Pharmacokinetics and pharmacodynamics software development and simulation.
• Management and security of sensitive data.
• Advice on setting up reference database for medical multidisciplinary applications.
• Biomedical images database.
• Design of electronic Case Report Form (eCRF) for clinical trials

KEYWORDS: ELECTRONIC CASE REPORT FORM SOFTWARE SIMULATION RECONSTRUCTION

COOPERATION OFFERED

1. Technical co-operation
2. Outsourcing co-operation

Offer

DESIGNING AND WRITING OF MEDICAL SCIENTIFIC ADVICES

• Counseling about non-clinical studies targeted to clinical development of pharmaceuticals.
• Design and writing of Scientific Advices to be submitted to national or european regulatory authorities.
• Statistical management of clinical trial: sample size estimation, statistical methodologies and data analysis .
• Submission of CTAs (Clinical Trial Applications) to competent Authorities and IRBs; pre- and post-submission management of procedures and dealings with competent Authorities and IRBs.

KEYWORDS: CLINICAL TRIAL APPLICATIONS SCIENTIFIC ADVICES

COOPERATION OFFERED

1. Technical co-operation
2. Outsourcing co-operation