

Multiple Faces of Chemistry: From Marie Curie to Nowadays

January 31st 2011 –February 1st 2011

Day 1

Institut Curie, 12 Rue Lhomond, 75005 Paris (amphithéâtre Burg)

- 8:30 – 9:00** **Registration**
- 9:00 – 9:20** **Opening session**
- 9:20 – 10:00** **Dr. Cynthia A. Maryanoff (Johnson&Johnson, USA)**
"Active Pharmaceutical Ingredients in Convergent Technologies: How Are They Chosen?"
- 10:00 – 10:30** **Pr. Véronique Gouverneur (Oxford University, UK)**
"Recent Advances in ¹⁸F-Radiochemistry for Positron Emission Tomography"
- 10:30 – 10:50** **Dr. Stefan Hillebrand (Bayer CropScience, Germany)**
"Syntheses of Fungicidal Natural Products – A Crop Protection Perspective"
- 10:50 – 11:30** **Coffee break**
- 11:30 – 11:50** **Dr. Justyna Walkowiak (Adam Mickiewicz University, Poland)**
"Fluoro enamines as versatile reagents for fluorine transfer and introduction of CF₃-containing building blocks"
- 11:50 – 12:10** **Dr. G. Masson (CNRS, France)**
"Enantioselective Aza-Morita-Baylis-Hillman Reaction: Key Role of Achiral Additive"
- 12:10 – 12:40** **Pr. Maria Chrzanowska (Adam Mickiewicz University, Poland)**
"Asymmetric addition of carbon nucleophiles to imines as a method for the synthesis of heterocyclic amines, including isoquinoline alkaloids"
- 12:40 – 14:10** **Lunch**

- 14:10 – 14:40 Pr Yannick Landais (Université Bordeaux 1, France)**
"Free-radical functionalization of olefins"
- 14:40 – 15:00 Dr. Anna Kajetanowicz (Polish Academy of Sciences, Poland)**
"Synthesis of substituted tetrahydrofurans via reactions of γ -halocarbanions"
- 15:00 – 15:30 Pr. Zbigniew Czarnocki (University of Warsaw, Poland)**
"Stereoselective synthesis of selected heterocyclic compounds of pharmacological importance"
- 15:30 – 16:10 Coffee break**
- 16:10 – 16:30 Dr. Philippe Gloanec (Servier, France)**
"Synthesis and Pharmacological Evaluation of New Tetrahydro-pyrrolo-pyrazinone containing Orally Bioavailable Thrombin Inhibitors"
- 16:30 – 17:00 Pr. Carmen Najera (University of Alicante, Spain)**
"Silver versus Gold complexes as catalysts in organic synthesis"
- 17:00 – 17:30 Dr. J. L. Parrain (Université Paul Cézanne, France)**
"New synthetic routes towards natural spirolactones"
- 17:30 – 18:10 Dr. Agnes Bombrum (Merck-Serono, Switzerland)**
"An adventure of medicinal chemists: finding novel pyridopyrimidines to treat Rheumatoid Arthritis"
- 18:30 – 20:00 Keynote lectures : "Cancers du sein de la prise en charge diagnostique au traitement multidisciplinaire"**
The keynote lectures will be held at ESPCI ParisTech, 10 Rue Vauquelin, 75231 Paris Cedex 05 (amphithéâtre Langevin)

Dr. Anne Vincent-Salomon (Institut Curie, France)

Dr. Paul Cottu (Institut Curie, France)

Dr. Florence Thiebaut (Institut Curie, France)

Dr. Séverine Alran (Institut Curie, France)

Day 2

ESPCI ParisTech, 10 Rue Vauquelin, 75231 Paris Cedex 05 (amphithéâtre Langevin)

- 8:30 – 9:00** **Poster mounting**
- 9:00 – 9:10** **Opening session**
- 9:10 – 9:50** **Pr. Max Malacria (Université Pierre et Marie Curie, France)**
"Platinum and Gold Catalyzed Cycloisomerization of Enynes, Allenynes and Allenedienes"
- 9:50 – 10:20** **Pr. Dorota Gryko (Polish Academy of Sciences, Poland)**
"Conjugation of protoporphyrin IX with vitamin B12 – Novel approach towards NOfree activators of sGC enzyme"
- 10:20 – 10:40** **Dr. F. Gagosz (CNRS, France)**
"Development of Gold(I)-catalyzed Reactions for Organic Synthesis"
- 10:40 – 11:30** **Coffee break / Poster session**
- 11:30 – 11:50** **Dr. R. Rodriguez (Cambridge University, UK)**
"Small Molecule for Big Medicine"
- 11:50 – 12:20** **Dr. Virginie Vidal (ENSCP, France)**
"Asymmetric transition-metal catalyzed reactions: from laboratory scale to scale up development"
- 12:20 – 13:00** **Pr. Jacek Skarzewski (Wroclaw University of Technology, Poland)**
"Cinchona alkaloids : new organocatalysts and ligands"
- 13:00 – 14:30** **Lunch**
- 14:30 – 15:00** **Pr. Marek Potrzebowski (Polish Academy of Sciences, Poland)**
"New applications of solid state NMR spectroscopy in structural studies of organic and bioorganic compounds"
- 15:00 – 15:20** **Dr. C. Dumas (Isotopen, Switzerland)**
"Manufacturing of Radiopharmaceuticals, a time challenge"
- 15:20 – 15:40** **Dr. N. Blanchard (Université de Mulhouse, France)**
"Total synthesis of mycolactones A/B, toxins of the Buruli ulcer - Insights into the structure/activity relationships"

15:40 – 16:10 *Coffee break / Poster session*

16:10 – 16:40 **Dr. Agnieszka Wojtkielewicz (University of Bialystok, Poland)**
"Cross-metathesis reactions of natural polyenes"

16:40 – 17:00 **Dr. H. Boiteux (Waters, France)**
"Benefits of SFC for Organic Synthesis"

17:00 – 17:40 **Pr. Jadwiga Frelek (Polish Academy of Sciences, Poland)**
"Utilization of the CD spectroscopy for structure elucidation of optically active compounds"

17:40 – 18:00 *Closing session / Prize for the best posters*