



SSM2 / Second Summer School on Medicines
Paul Sabatier University, Toulouse, France, 31 August - 10 September 2010

SUMMER SCHOOL ON MEDICINES 2

“The whole process from ideas to drugs”

New trends in pharmaceutical innovation

Summer session, from 31st of August to 10th of September 2010

Toulouse - France

Programme

Dates: from Tuesday 31st of August 2010 to Friday 10th of September 2010

Place: Claudius Regaud Institute, Toulouse, France

Schedule:

Tuesday 31 August

- Morning: Welcome participants, *Moderator: Alain Michel Boudet*
- 08:30 - Registration
 - 09.00 - Welcome, Dr Jean-Pierre Armand, CEO Claudius Regaud Institute
 - Presentation of SSM2, organization and programme, logistical aspects
 - 10.00 - Coffee break
 - 10.30 - Keynote Lecture:
Dr. Hugo Kubinyi, “Changing paradigms in drug discovery”, Heidelberg University
- Afternoon: Keynote Lectures: *Moderator: Alain Michel Boudet*
- 14.00 - Dr. Bernard Meunier, "From mechanistic studies to the design of new antimalarial drugs", CNRS, Toulouse
 - 15.00 - break
 - 15.30 - Pr. Isabelle Rico-Lattes “New trends in drug delivery”, Toulouse University

Wednesday 1st September

- Morning: Basic Science Session 1: *Moderator: Christophe Cazaux*
- 09.00 - Pr. Jean Sébastien Hoffmann, “Genetic instability & cancer”, CRCT, Toulouse
 - 10.00 - Pr. Philippe Valet, “Adipokines & metabolic diseases”, INSERM, Toulouse
 - 11.00 - Coffee break
 - 11.30 - Pr. Olivier Neyrolles, “Infections by mycobacteria”, IPBS CNRS, Toulouse
- Afternoon: Basic Science Session 2: *Moderator: Christophe Cazaux*
- 14.00 - Dra Silvia Ortega, “target identification and validation: Development of chemical probes for the identification of therapeutic targets”, Universidad Complutense, Madrid
 - 15.00 - Dr. Didier Rognan, “Rational computer-aided drug design” Structural Chemogenomics Group, Laboratory of Therapeutic Innovation, Strasbourg
 - 16.00 - break
 - 16.30 - Poster session

Thursday 2 September

- Morning: Drug development Session 1 : *Moderator: Jean Luc Ledent*
- 09.00 - Eric Pérouzel "Pancreatic Cancer Gene Therapy : From the bench to the clinic – a small biotech point of view", Cayla Invivogen
- 10.00 - Geneviève Pratviel "G-quadruplex nucleic acids as therapeutic targets", Laboratoire de Chimie de Coordination LCC
- Marc Dubourdeau, Ambiotis or CycloPharma
- 10.40 - Break
- 11.00 - Poster session
- Afternoon: Barcelona Session
- 14.00 - Transfer from Toulouse to Barcelona

Friday 3 September

- Morning: Barcelona Session *Moderator: Montse Daban*
- 09:00 - Welcome (Ignasi Heras, Parc Cientific Barcelona and Montse Daban, Biocat)
- 09.15 - Dr. Wenceslao Lumeras, "Medicinal Chemistry - case study: Discovery of naphthyridine N-oxides as potent p38 MAPK inhibitors for the treatment of rheumatoid arthritis", Almirall, Barcelona
- 10.00 - Dr. Ismael Zamora, "Predictive ADME in drug discovery ", Lead Molecular Design, Barcelona
- 10.45 - Coffee Break
- 11.00 - Dr. Beatriz Lopez, "Drug scale up, process development: Scale up and manufacture in the development of new drugs", FAES, Leioa, Spain
- 11.45 - Dr. Fernando Peláez, "From Idea to Market, Parma case study on antifungals", CNIO, formerly Merck Sharp & Dohme, Barcelona
- 13:15 - Presentation of PCB and short visit to PCB Bioincubator (led by Ignasi Heras, PCB)
- 13.45 - Lunch (Room 1, Tower I, Level 3, PCB)
- Afternoon: Barcelona Session
- 15.00 - Dr. Kenneth Weissmahr, CEO, Advancell, Barcelona: "Presentation of Advancell"
- 15.45 - Visit to Advancell facilities at PCB

Saturday 4 September

- Morning: - Free
- Afternoon:
- 16.00 - Transfer from Barcelona to Toulouse

Monday 6 September

- Morning: Drug development Session 2 : *Moderator: Gilles Favre, Pdt. RITC*
- 09.00 - Roger Kravtsoff, « [New galenic forms : application of nanotechnology to drug delivery](#) » Flamel Technologies
- 10.00 - Pr. Vicente Castell, "Drug safety", Hospital Santa Fe, Valencia
- 10.45 - break
- 11.00 - Marc Dubourdeau, Ambiotis or CycloPharma
- Afternoon: Technology transfer Session 1, *Moderator: JP Saintouil, PC CBS*
- 14.00 - Jean-Saintouil, "Cluster Cancer Bio Health presentation"
- 14.40 - Bernard Bihain, "From infidelity to high performances early stage cancer diagnosis" Genclis SAS
- 15.30 - Poster session

Tuesday 7 September

- Morning: Albi Session, Ecole des Mines Albi-Carmaux - EMAC : *Moderator:* EMAC, Albi
- 07.30 - Transfer from Toulouse to Albi
- 09.00 - Welcome, Bruno Verlon, EMAC Director
- 09.30 - Michel Bauer, "Impact of the physical characteristics of the Active Ingredient as a powder on the development of pharmaceutical formulations", Former Advisor in Pharmaceutical development Scientific of Sanofi- Aventis R&D Dept., Toulouse
- 10.30 - Coffee break
- 10.45 - Bernard Gout, "Liens galéniques essais cliniques", BioMédical Alliance, Albi
- 11.45 - Maria Ines Re, "GALA Platform - Advanced galenic", EMAC, Albi
- Afternoon: Albi Session
- 13.30 - Transfer from Albi To Gaillac
- 14.00 - Visit of companies, "Plantes et Industrie", Pierre Fabre Group – Gaillac
- 15.30 - Transfer from Gaillac to Albi
- 16.00 - Social event: visit of Albi Cathedral and the old town (UNESCO world heritage site).
- 18.00 - Reception at the Albi City Hall
- 19.00 - Transfer from Albi to Toulouse

Wednesday 8 September

- Morning: Technology transfer Session 2: *Moderator: Delphine Puertolas - Prologue Biotech*
- 09.00 - Delphine PUERTOLAS - Prologue Biotech
- 09.15 - Benedikt Timmerman "The key hurdles to bring a research result from academic proof of concept in mice to a candidate drug entering phase I: the case of ProCervix" – Genticel
- 09.45 - Philippe LUELL - Urosphère
- 10.15 - Sylvain Bonzom, Synelvia
- 10.45 - Coffee break
- 11.45 - Keynote lecture:
Anabella Cardoso, «General strategies and drug development at Abott Laboratoires », Abott Laboratories, Lisbon-Portugal
- Afternoon: Canceropole Session: *Moderator:*
- 14.00 - Alain-Michel Boudet, "Canceropôle & ITAV presentations"
- 14.45 ITAV, Pierre Potier Centre & Nursery Company presentation:
- M. Corbarrieu - Dendris,
- 15.30 - Conference & Visit of Sanofi Aventis Laboratories

Thursday 9 September

- Morning: Technology transfer Session 3: *Moderator:*
- 09.00 - Dra Marta Princep, "The Bioregion of Catalonia, a biotech cluster promoting innovation in Biomedicine", Biocat, Bioregion of Catalonia
- 10.00 - Dra Lurdes Jordi, "Technology transfer and valorization of research at the University of Barcelona", Fundacio Bosh I Gimpera, Barcelona University
- 11.00 - Coffee break
- 11.30 - Dr Christian Caillot, "Molécules innovantes et phases précoces : labellisation des centres d'essais précoces et protocoles de collaboration franco américaine", INCA
- Afternoon: Early clinical development Session 1: *Moderator:* Laurence Negre Pages, LN Pharma
- 14.00 - Dr Xavier Carné, "The European clinical research infrastructures network (ECRIN)", Hospital Clinic, Barcelona
- 14.45 - Dr. Magí Farré, "Clinical research and early clinical assays", Hospital del Mar,

- Barcelona
- 15.30 - Break
 - 15.45 - Laurence Negre Pages, "Proof of concept and early stage study drug development in Parkinson disease" LN Pharma
 - 16.30 - F Courbon, "Evaluation of Biomarkers, response and functional imaging techniques" Institut Claudius Regaud, Toulouse
 - 18.00 - Social event: reception at the Toulouse City Hall

Friday 10 September

- Morning: Early clinical development Session 2: *Moderator: Roland Bugat*
- 09.00 - Dr. Christian Bailly, "Anticancer drug discovery: from bench to bedside", Pierre Fabre Laboratory, Toulouse
 - 10.00 - Dr Catherine Delbaldo, "How to design innovative trials: The neo adjuvant model", Service Inter-Hospitalier de Cancérologie, Hôpital Louis Mourier, Colombes
 - 11.00 - Coffee break
 - 11.30 - Dr Jean-Pierre Armand, CEO Claudius Regaud Institute
- Afternoon:
- 14.00 - Keynote Lecture:
Mohammad Afshar, " New approaches for evaluating drug side effects", Ariana Pdt
 - 15.00 - Poster Award
 - Evaluation
 - Conclusions, Pr. Alain Michel Boudet, Pr. Roland Bugat