



SSM6 Program

SUNDAY, July 6th, 2014

Barcelona Science Park (PCB)

16:00 – 17:00

Registration

17:00 – 17:30

OFFICIAL OPENING – 6th Summer School on Medicines (SSM6)

Barcelona Science Park (PCB)

Jordi Fàbrega, Director of the business development area at Biocat, Chairman, SSM6 Organizing Committee
Remy Poupot, Director TRANSBIO SUDOE project
Pierre Cordelier, Professor and Researcher at INSERM U1037, Toulouse Oncopole & Université Paul Sabatier, Toulouse
Denis deBlois, Pharmacy Faculty Director of Université de Montréal, Québec
Jordi Quintana, Director of drug discovery platform at Barcelona Science Park, Chairman, SSM6 Scientific Committee

17:30 – 19:00

Keynote lectures

Keynote Lecture 1
“GPCR and drug discovery in academia; shedding new light on an old target and developing a new model of partnership with pharmaceutical Industry”
Michel Bouvier, Department of Biochemistry, Institute for Research in Immunology and Cancer (IRIC), Université de Montréal, Québec

Keynote Lecture 2
“ORY-1001, a success story in Spain’s Fast-Growing Biotechnology Industry”
Elena Carceller, PhD Head of Medicinal Chemistry at Oryzon Genomics

19:00 – 21:00

Welcome Networking drink at Barcelona Science Park (PCB)



MONDAY, July 7th, 2014

Barcelona Science Park (PCB)

SESSION 1: DRUG DISCOVERY AND DRUG DEVELOPMENT, AN OVERVIEW FROM IDEA TO MARKET

Chairperson: Jordi Quintana, Director of the drug discovery platform at Barcelona Science Park

09:00 – 10:30 (Lecture 3)

Drug Discovery overview: from idea to drug candidate

Denis DeBlois, Pharmacy Faculty Director of Université de Montréal, Québec

10:30 – 11:00

Health Break

11:00 – 12:30 (Lecture 4)

Drug Development overview: Learning and confirming drug effects in humans

Denis DeBlois, Pharmacy Faculty Director of Université de Montréal, Québec

12:30 – 13:30 (Lecture 5)

The Changing value chain in Bio pharma

Nigel Ten Fleming, CEO ADVentura Capital SL

13:30 – 14:30

Lunch

SESSION 2: DRUG DISCOVERY

Chairperson: Jordi Quintana, Director of the drug discovery platform at Barcelona Science Park

14:30 – 15:15 (Lecture 6)

Systems drug discovery

Jordi Mestres, Head of the Systems Pharmacology Group at Hospital del Mar Medical Research Institute (IMIM), University Pompeu Fabra

15:15 – 16:00 (Lecture 7)



Chemical Biology for drug discovery

Jordi Quintana, Director of the drug discovery platform at Barcelona Science Park

16:00 – 16:30

Health Break

16:30 – 17:15 (Lecture 8)

ADME in Drug Discovery. From Data to knowledge

Ismael Zamora, Founder of Lead Molecular Design SL

17:15 – 18:00

Plenary discussion with speakers

TUESDAY, July 8th, 2014

Barcelona Science Park (PCB)

SESSION 3: FROM DRUG DISCOVERY TO PRECLINICAL DEVELOPMENT

Chairperson: Denis DeBlois, Pharmacy Faculty Director of Université de Montréal, Québec

09:00 – 9:45 (Lecture 9)

Drug Discovery of dendrimers: from idea to optimization

Cédric-Olivier Turrin, Laboratoire de Chimie de Coordination, CNRS, Toulouse
Rémy Poupot, Professor at University of Toulouse, INSERM

9:45 – 10:30 (Lecture 10)

Drug Development of dendrimers: animal models, preclinical development, computation

Rémy Poupot, Professor at University of Toulouse, INSERM
Giovanni Maria Pavan, Researcher at University of Applied Science of Southern Switzerland

10:30 – 11:00

Health Break

SESSION 4: CASE STUDY IN DRUG DISCOVERY AND DEVELOPMENT (I)

Chairperson: Denis DeBlois, Pharmacy Faculty Director of Université de Montréal, Québec

11:00 – 13:30 (CS1)



Case Study 1

“What shall I do if I discover a new use for a known molecule? Acadesine case study”

Clara Campàs-Moya, PhD, Research Director at Kern Pharma SL

11:00 – 11:30

Case presentation and outline of challenges

11:30 – 12:30

Group session:

Students work in small teams to tackle the challenges

12:30 – 13:30

Each team reports / General discussion

13:30 – 14:30

Lunch

SESSION 5: FROM TOXICOLOGY TO CLINICAL PHASES

Chairperson: Jordi Quintana, Director of the drug discovery platform at Barcelona Science Park

14:30 – 15:15 (Lecture 11)

Toxicology and Preclinical Safety

Antonio Guzmán, Head of the Toxicology Department at Esteve

15:15 – 16:00 (Lecture 12)

Development of RNA interference, Cell and gene therapy as new therapeutics

Pierre Cordelier, Professor and Researcher at INSERM U1037, Toulouse Oncopole & Université Paul Sabatier, Toulouse

16:00 – 16:30

Health Break

16:30 – 17:15 (Lecture 13)

Chemical Development of an API



Martí Bartra, R&D Director at Esteve Química S.A

17:15 – 18:00

Plenary discussion with speakers

WEDNESDAY, July 9th, 2014

Barcelona Science Park (PCB)

SESSION 6: CLINICAL DEVELOPMENT

Chairperson: Denis DeBlois, Pharmacy Faculty Director of Université de Montréal, Québec

9.00 – 9:45 (Lecture 14)

Clinical Phases in 2014

Anne Leselbaum, R+D Global Clinical Development Leader, Almirall

9:45 – 10:30 (Lecture 15)

Pharmaceutical Product Development: Biopharmaceutics, Drug Formulation and Drug Delivery

Pierandrea Esposito, Founder and Associate Director at SiTec PharmaBio SL

10:30 – 11:00

Health break

11:00 – 11:45 (Lecture 16)

Biological Drug Discovery and Development

Francesc Mitjans, Miomed Division Manager at Leitat

SESSION 7: REGISTRATION & MARKET ACCESS

Chairperson: Denis DeBlois, Pharmacy Faculty Director of Université de Montréal, Québec

11:45 – 12:30 (Lecture 17)

From regulatory agencies

Xavier Luria, Independent Senior Consultant , Support Business at Drug Development and Regulation, formerly at EMA

12:30 – 13:15 (Lecture 18)



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The challenge of granting access of value innovation in a sustainable way

Laura Gutiérrez, Value & Access Senior Manager at AMGEN

13:30 – 14:30

Lunch

14:30 – 15:00 (Site Visit)

Transfer to Almirall site

15:00 – 17:30 (Site Visit)

Almirall site visit

17:30 – 18:00 (Site Visit)

Transfer from Almirall to PCB

THURSDAY, July 10th, 2014

Barcelona Science Park (PCB)

SESSION 8: INDUSTRIAL SYMPOSIUM & STUDENT PRESENTATIONS

Chairperson: Jordi Quintana, Director of the drug discovery platform at Barcelona Science Park

09:00 – 13:30 (IS)

Open Innovation in the Discovery and Development of Medicines

“Open Innovation & Technology Transfer: Aligning processes”

Keynote speaker: Marc Ramis Castelltort - *Chief Executive Officer at Tech and Business Innovation (TBI)*

Chairman

Ignasi Biosca- *Chief Executive Officer at Reig Jofré Group and CataloniaBIO President*

Round table with representatives

Antonio Gómez - *Senior Scientist at Janssen-Cilag*

Jose Julio Martin-Plaza - *Director of Screening and Compound Profiling at GlaxoSmithKline*

Carlos Plata - *Chief Scientific Officer, Chief Medical Officer and Head of R&D at Esteve*



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M^a Carme Verdaguer- *Managing Director at Bosch i Gimpera Foundation*

José Vicente Terencio - *Chief Operating Officer at Gri-Cel*

13:30 – 15:00

Networking Lunch

15:00 – 17:00 (SP)

SSM6 Student presentations

FRIDAY, July 11th, 2014

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SESSION 9: BUSINESS DEVELOPMENT / INTELLECTUAL PROPERTY / ENTREPRENEURSHIP

Chairperson: Jordi Quintana, Director of the drug discovery platform at Barcelona Science Park

9:00 – 9:45 (Lecture 19)

Business development for entrepreneurs

Ignasi Belda, CEO Intelligent Pharma

9:45 – 10:30 (Lecture 20)

Intellectual Property: How to Protect Results of Pharmaceutical Research

Nicolás Vincent Ruiz, Intellectual Property Director at Esteve

10:30 – 11:00

Health break

SESSION 10: CASE STUDY IN DRUG DISCOVERY AND DEVELOPMENT (II)

Chairperson: Denis DeBlois, Pharmacy Faculty Director of Université de Montréal, Québec

11:00 – 13:30 (CS2)

Case Study 2

“Discovery and Development of Trabectedin”

Carmen Cuevas, Research & Development Director at Pharma Mar S.A



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Lunch

SESSION 11: PCB SITE VISIT / KEYNOTE LECTURE / CLOSING

Chairperson: Jordi Quintana, Director of the drug discovery platform at Barcelona Science Park

14:30 – 15:15

PCB Site visit

15:15 – 16:15

Keynote Lecture

“Dead Beetles, Singing pigs, three monkeys, lions, zebras and other keys to understanding (and undertaking) modern drug discovery and development”

Luis Ruiz, CEO Spherium Biomed

16:15 – 17:00

SSM6 Wrap-up

17:00 – 17:45

SSM6 Closing comments and overture towards SSM7

Jordi Fàbrega, Director of the business development area at Biocat, Chairman, SSM6 Organizing Committee
Jordi Quintana, Director of the drug discovery platform at Barcelona Science Park, Chairman, SSM6 Scientific Committee
Denis de Blois, Pharmacy Faculty Director of Université de Montréal, Québec
Montserrat Vendrell, General Director of Biocat and Barcelona Science Park



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Organizers and Partners:

