

INTERNATIONAL CONFERENCE ON MEDICINAL CHEMISTRY



RICT 2012

RENCONTRES INTERNATIONALES de CHIMIE THERAPEUTIQUE

48TH

JULY 4-6, 2012 | POITIERS, FRANCE

INTERFACING CHEMICAL BIOLOGY AND DRUG DISCOVERY



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Scientific Advisory Board members repartition

	Academia	Industry	Association
FR-affiliate	5	5	0
EU-affiliate	3	5	0
Non-EU-affiliate	1	3	0
Total	9	13	0



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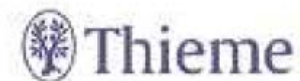
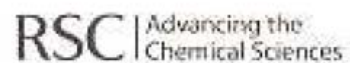


EXHIBITORS





MEDIA PARTNERS





Scientific program

- **Title of the meeting**

“Interfacing Chemical Biology and Drug Discovery”

- **Topics**

- Targets and Pathways
- Non-classical Drugs
- Novel Approaches – New Tools / Platforms
- Future Targeted Therapies
- Exploring Chemical Space
- Case-studies



July 4, 2012.

9:00 **Opening**

Session 1: Case Studies (Kinases)

Chairman: Dr Pascal George (SCT Vice-President)

9:15 **Dr Paul W. MANLEY (Novartis Pharma, Basel, Switzerland)**
Translating Structural Biology & Preclinical Activity of Nilotinib into Efficacy in Leukemia Patients

10:00 **Dr Mike WARNING (ASTRAZENECA, Macclesfield, UK)**
Matched Triplicate Design Sets in the Optimisation of a New Series of Glucokinase Activators

10:45 **Coffee Break**

Session 2: Non-Classical Drugs

Chairman: Dr Samir Jegham (SANOFI R&D, Montpellier, France)

11:15 **Prof. Christian HEINIS (EPFL, Lausanne, Switzerland)**
Synthetic Carbohydrates in the Search for Tailor-made Antibacterial Vaccines: Shigellosis as a Challenge

12:00 **Dr Laurence MULARD (INSTITUT PASTEUR, Paris, France)**
Synthetic Carbohydrates in the Search for Tailor-made Antibacterial Vaccines: Shigellosis as a Challenge

12:45 **Lunch and Poster Session**

14:15 **Paul Ehrlich Prize Lecture**

Chairman: Prof. Vincent Lisowski (Université de Montpellier 1, Montpellier, France)

Prof. Sylvain RAULT (Université de Caen, Caen, France)
A Look at Some Innovative Chemical Aspects in Medicinal Chemistry, about Heterocycles, Microwaves, Chemical Libraries, Boronics and Garlands



July 4, 2012 (Continued)

Session 3: Targeted Therapies

Chairman: Prof. Jean-Pierre Gesson (Université de Poitiers, Poitiers, France)

15:00 ***Prof. Didier DESMAËLE (Université de Paris Sud, Châtenay-Malabry, France)***
Squalenoyl Nanomedicines as Potential Therapeutics

15:45 **Coffee Break and Poster Session**

16:15 ***Prof. Félix KRATZ (Tumor Biology Center, Freiburg, Germany)***
Protein-binding Prodrugs and Drug-conjugates in Oncology: From Design, Applications to Combination Therapy

17:00 ***Dr Peter SENTER (SEATTLE GENETICS, Bothell, US)***
Potent Antibody Drug Conjugates for Cancer Therapy: From the Lab to a Clinically Approved Drug

18:00 **Booster Presentation Exhibitors**

18:30 **Welcome Reception sponsored by Bioalternatives and Diverchim**



July 5, 2012.

Session 4: Case Studies (mGLU)

Chairman: Dr Luc Van Hwijte (Janssen R&D, Val de Reuil, France)

- 9:00 **Dr José CID (Janssen R&D, Toledo, Spain)**
JNJ-42153605: A Novel Positive Allosteric Modulator of mGluR2 for the Treatment of CNS Disorders
- 9:45 **Dr Jean-Philippe ROCHER (ADDEX THERAPEUTICS, Plan-les Ouates, Switzerland)**
Progress on Allosteric Modulation of mGluR5 and mGluR⁷: Towards New Treatment Paradigms on Parkinson's Disease
- 10:30 **Coffee Break**

Session 6: Epigenetics

Chairman: Dr Yves Cenatiempo (Université de Poitiers, Poitiers, France)

- 11:00 **Dr Paola ARIMONDO (CNRS-PIERRE FABRE, Toulouse, France)**
DNA Methylation Inhibitors in Cancer: Recent and Future Approaches
- 11:45 **Dr Olivier MIRGUET (GSK, Les Ulis, France)**
From ApoA1 Upregulation to BET Family Bromodomain Inhibition: Unlocking the Potential of an Epigenetic Target Class
- 12:30 **Lunch and Poster Session**



July 5, 2012.

Session 5: Targets and Pathways

Chairman: Prof. Dario Neri (ETH, Zürich, Switzerland)

- 9:00** ***Prof. Marc BLONDEL (INSERM, Brest, France)***
A Yeast-based Model for Prion Disease Allowed Isolation of Specific and Competitive Inhibitors of a New Protein Chaperone Activity Borne by the Ribosome that are Active Against Other Amyloid-based Diseases
- 9:45** ***Dr Stephan KELLENBERGER (Université de Lausanne, Lausanne, Switzerland)***
Structure and Function of Acid Sensing Ion Channels

10:30 **Coffee Break**

Session 7: New Tools / Platforms

Chairman: Dr Olivier Lavergne (IPSEN Innovation, Les Ulis, France)

- 11:00** ***Dr Werngard CZECHTIZKY (SANOFI, Frankfurt am Main, Germany)***
Accelerating Drug Discovery through High Throughput Medicinal Chemistry – Alternative Lead Finding & Optimisation Approaches Including Representative Project Examples
- 11:45** ***Dr Jean-Paul RENAUD (NOVALIX, Illkirch, France)***
Combined use of Noncovalent Mass Spectrometry and Other Biophysical Techniques in Early-stage Drug Discovery
- 12:30** **Lunch and Poster Session**



July 5. 2012. (Continued)

Session 8: Exploring Chemical Space-Fragments

Chairman: Prof. Janos Sapi (Université de Reims-Champagne-Ardenne, Reims, France)

- 14:00** ***Prof. Thierry LANGER (PRESTWICK CHEMICAL, Illkirch, France)***
Pharmacophore-based Parallel in Silico Screening: An Interesting Concept for Efficient Activity Profiling in Drug Discovery
- 14:45** ***Prof. Karl GADEMANN (University of Basel, Basel, Switzerland)***
Reduce to the Max- Probing Biology with Natural Product Fragments
- 15:30** ***Dr Jean-Yves ORTHOLAND (EDELIRIS, Lyon, France)***
Chemical Space Exploration via Natural Product-like Compounds
- 16:15** **Coffee Break and Poster Session**
- 17:00** **Charles Mentzer Prize Lecture**
Chairman: Dr Pascal George (SCT Vice-President, France)

Dr Laurent MEIJER (MANROS THERAPEUTICS, Roscoff, France)
Two Chemical / Biological Approaches to Alzheimer's Disease: Prevention and Therapy
- 18:00** **Booster Presentation Exhibitors**



July 5, 2012. (Continued)

Session 9: Case Studies (CNS)

Chairman: Dr Edmond Differding (Differding Consulting, Louvain-la-Neuve, Belgium)

- 14:00** ***Dr Yves AUBERSON (NOVARTIS Institute for Biomedical Research, Basel, Switzerland)***
Sometimes You Just Have to Break the Rules
- 14:45** ***Dr Emmanuel PINARD (F. HOFFMANN-LA ROCHE, Basel, Switzerland)***
Discovery of RG1678, a First Class Glycine Reuptake Inhibitor for the Treatment of Schizophrenia
- 15:30** ***Dr Anne VALADE (UCB, Braine-l'Alleud, Belgium)***
SV2 Proteins Beyond Levetiracetam: The Discovery of the First SV2C Selective Ligands
- 16:15** **Coffee Break and Poster Session**
- 17:00** **Charles Mentzer Prize Lecture**
Chairman: Dr Pascal George (SCT Vice-President, France)

Dr Laurent MEIJER (MANROS THERAPEUTICS, Roscoff, France)
Two Chemical / Biological Approaches to Alzheimer's Disease: Prevention and Therapy
- 18:00** **Booster Presentation Exhibitors**



July 6, 2012.

Session 10: Case Studies (Kinase)

Chairman: Dr Paul Beswick (Almirall, Barcelona, Spain)

8:45 ***Dr Carlos GARCIA-ECHEVERRIA (SANOFI, Vitry-sur Seine, France)***
Antagonists of the p53/hdm2 Protein - Protein Interaction – Path to the Clinic

9:30 ***Dr Bernd RIEDL (BAYER PHARMA, Wuppertal, Germany)***
Sorafenib – A Signal Transduction Inhibitor for the Treatment of Liver Cancer

10:15 **Coffee Break and Poster Session**

10:45 **Poster Awards and Labex Presentations**

Session 11 Future Trends in MedChemBio

Chairman: Dr Joachim Mittendorf (BAYER SCHERING PHARMA, Wuppertal, Germany)

11:30 ***Prof. Rob HUBBARD (University of York, York, UK)***
Perspectives in Structure and Fragment Based Drug Discovery

12:15 ***Prof. Stefan KNAPP (Oxford University, Oxford, UK)***
Targeting Protein Interactions Mediated by Epigenetic Acetyl-lysine Reader Domains of the Bromodomain Family

13:00 **Final Conclusions**

13:15 **Lunch and End of Symposium**

General statistics : lectures

27 Plenary Lectures (45 min)

To make !

Belgium: 1

France: 11

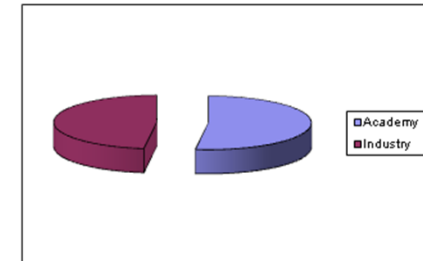
Germany: 3

Spain: 1

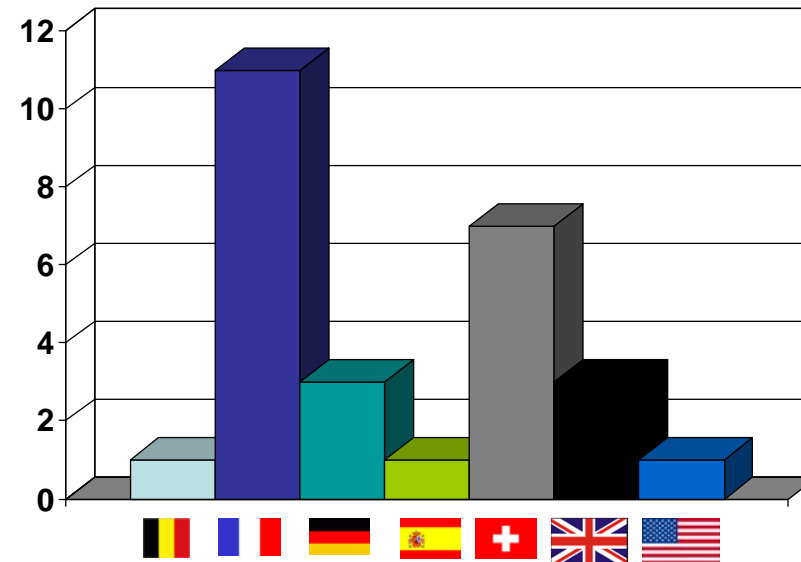
Switzerland: 7

United Kingdom: 3

United States: 1



Industry 16
Academy 11



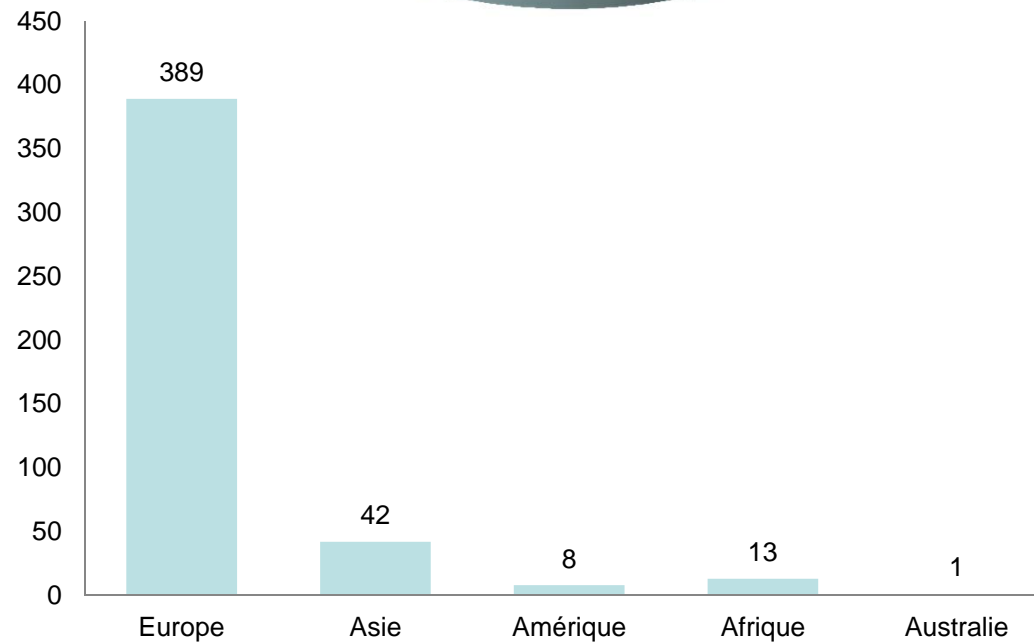
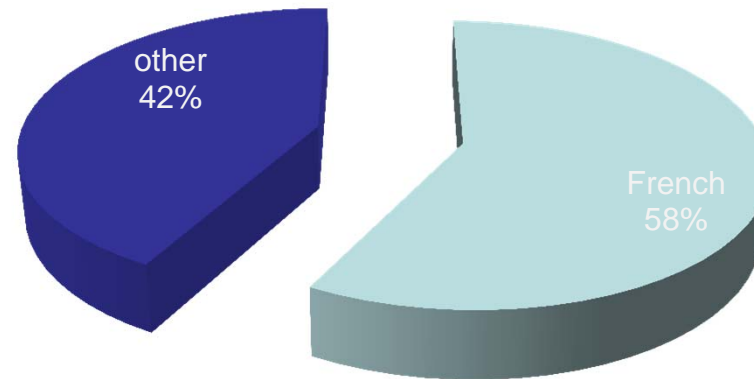
RICT 2012 Statistics

453 participants from 41 countries

France	(48%)	Russia	10	USA	9
UK	22 (7.8%)	Poland	7	Canada	4
Germany	20 (6%)	Croatia	3	Brazil	1
Switzerland	15 (3.2%)	Ukraine	3		
Belgium	11 (2.5%)	Hungary	2		
Spain	9 (3.0%)	Romania	2	Japan	14
Italy	9	Czech Rep.	1	South Korea	9
The Netherlands	3	Slovenia	1	India	2
Portugal	2			China	2
Denmark	2			Australia	1
Austria	1			Hong Kong	1
Ireland	1			Malaysia	1
Sweden	1	Algeria	4	New Zealand	1
		Egypt	2		
		Israel	1		
		Lebanon	1		
		Sudan	1		

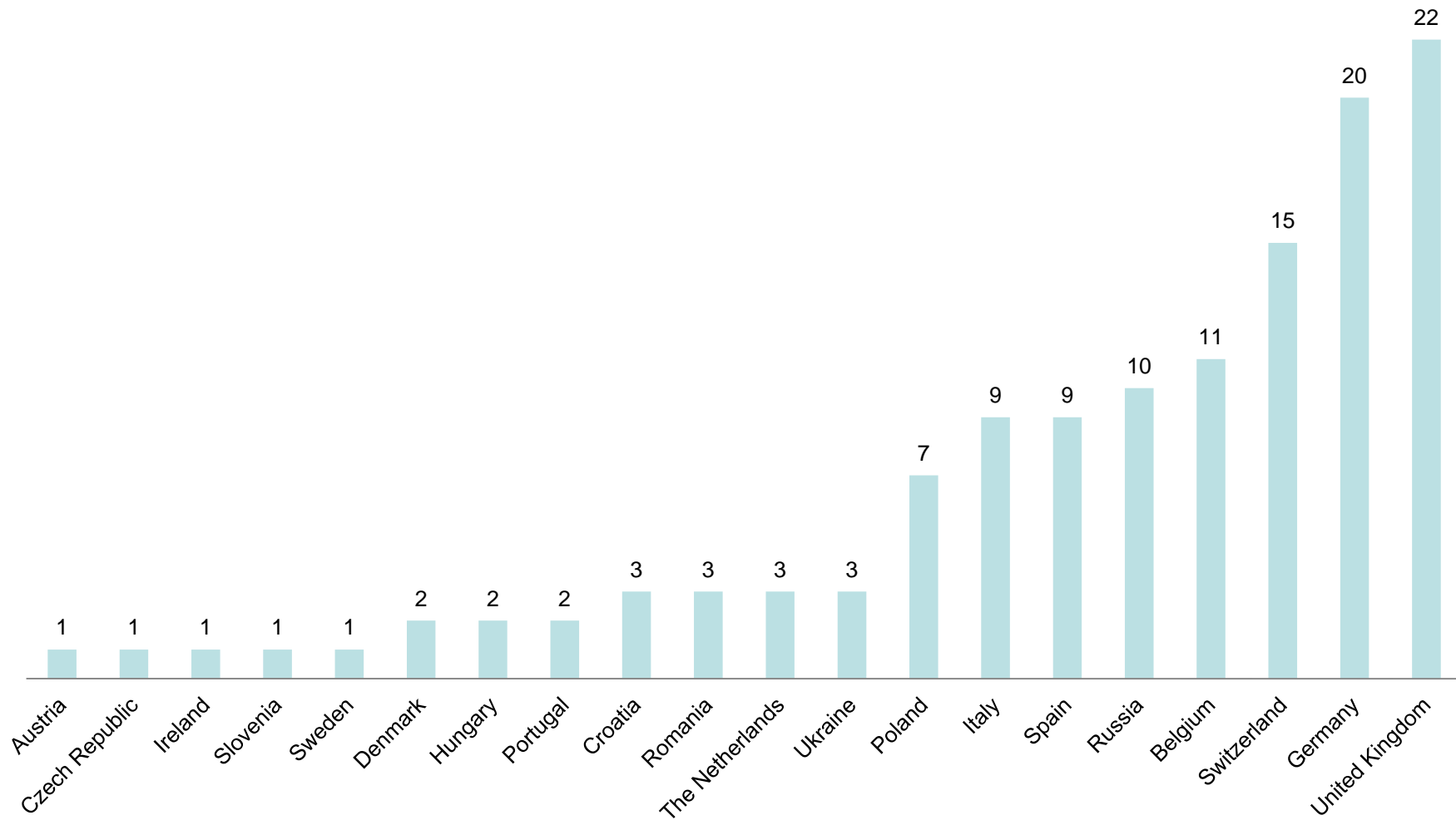
RICT 2012 - Poitiers

453 participants, 41 nationalities

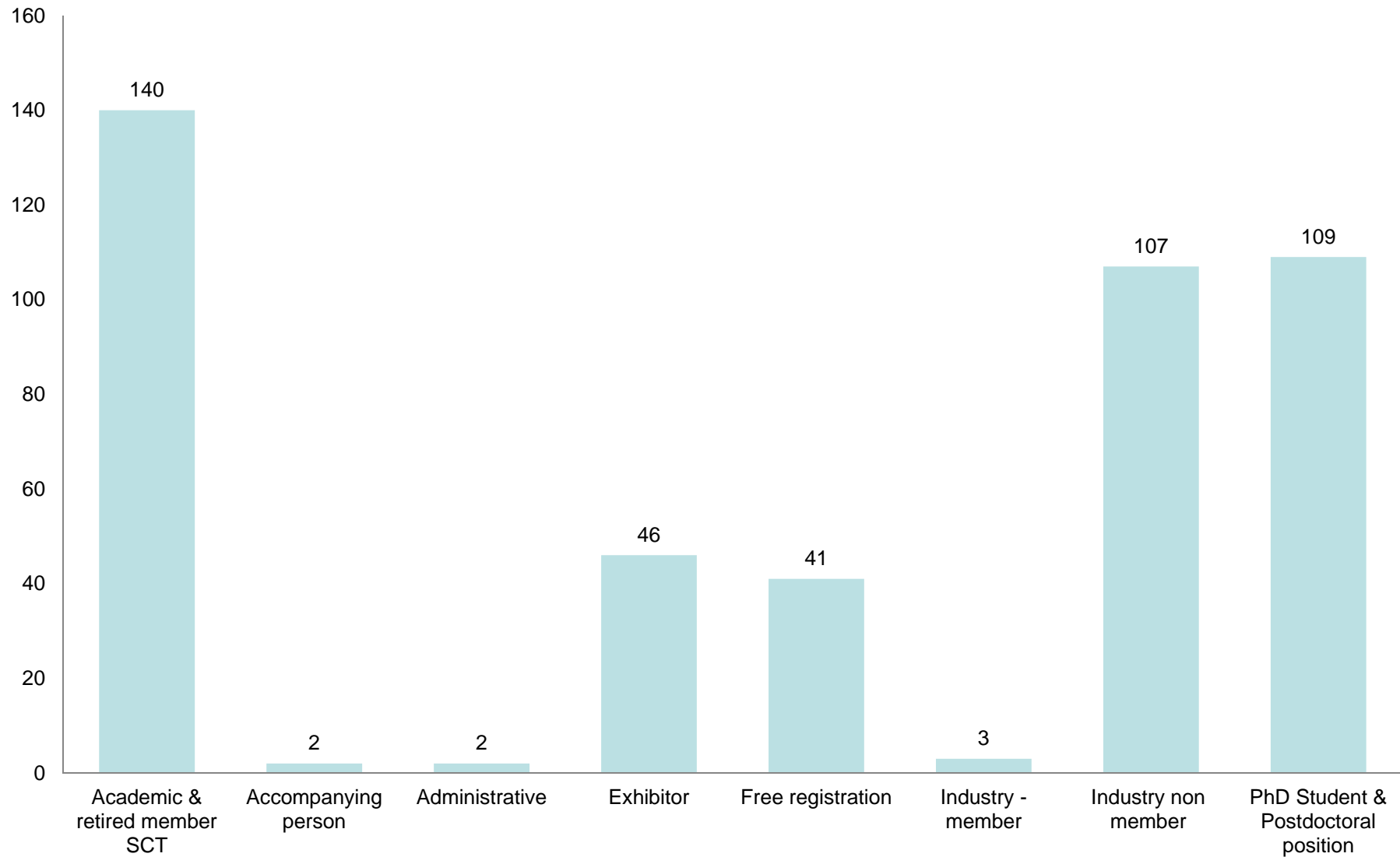


RICT 2012 - Poitiers

European participants



RICT 2012 - Poitiers



Poster awards

RICT 2012 Poitiers

First ballot : « vocation price »

- Donation of 750 €, offered by Servier Group,
- an invitation for giving a talk at the SCT one day-meeting of 2012 November 27th, Paris

- A book chosen among the Springer Verlag donation or Prestwick donation
- OT09 : O. Querolle (Janssen R&D)
- NA24 : D. Brinet (CNRS, Labex LERMIT)

Second ballot

- Free application to next RICT 2013 Nice supported by SCT,
 - A book chosen among the Springer Verlag donation or Prestwick donation
-
- OT05 : A.-C. Chany (University Mulhouse)
 - FT20/21 : T. Legigan (University Poitiers)
 - NA23 : C. Nury (CEA, Saclay)
 - TP05 : F. Thaler (Congenia, Italy)
 - TP19 : B Blanco (University Compostela, Spain)
 - FT13 : AM. Mesa Vanegas (University Antioquia, Colombia)
 - NA31 : A. Alouane (Curie Institute, Paris)
 - NA38 : A. Dinut (INSERM, Lille)
 - FT38 : F. Bihel (University Strasbourg)
 - NA 32 : S. Bregant (DEA, Saclay)

Third ballot

- A book chosen among the Springer Verlag donation or Prestwick donation
- CS02 : S. Lee (KRICT, Korea)
- NA22 : C. Voisset (University Bretagne Occidentale)
- OT04 : G. Fourrière (University Orléans)
- EC10 : S. Diaz-Oltra (University Jaume, Spain)
- NC07 : T. Gaslonde (University Paris Descartes)

Professor Gérard Déléris



The RICT 2012 is dedicated to the memory of Prof. G. Déléris, an enthusiastic scientist, member of the RICT 2012 Scientific Advisory Board, passed away on January 19, 2012.