




## 4<sup>th</sup> Scientific day, November 25<sup>th</sup> (09:30 – 16:25)

IAB seminar room, La Tronche

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|-------------|--|---|
| 9:30        | <b>Registration</b>  | <b>With support from our gold sponsor</b>   |
| 9:50        | <b>Welcome - Pierre Hainaut (IAB) &amp; Jose A. Marquez (EMBL)</b>   |   |
|             | <i>Chairs: Joanna Timmins (IBS) &amp; Hassan Hijazi (IRIG-CEA)</i>   |   |
| 10:00-10:40 | <b>Valérie Lamour (IGBMC, Strasbourg, France)</b><br><i>The molecular architecture of type 2 DNA topoisomerases targeted by drugs</i>  |  |
| 10:40-11:00 | <b>Gilles Degotte (DCM/UGA)</b><br><i>DNA encoded combinatorial library (DEL) for the identification of G4 binding ligands</i>   |   |
| 11:00-11:05 | <b>Mark Harding (CDD Vault)</b><br><i>CDD Vault presentation</i>   |   |
| 11:05-11:25 | Session Flash poster <i>Chairs: Hassan Hijazi (IRIG-CEA) &amp; Ali Nasrallah (IRIG-CEA)</i>  |   |
|             | <i>Chairs: Jose A. Marquez (EMBL) &amp; Morgane Baudoin (DPM/UGA)</i>  |   |
| 11:25-12:05 | <b>Jordi Mestres (IMIM, Barcelona, Spain)</b><br><i>Bioisosterism and Chemoisosterism in Fragment-based Drug Discovery</i>   |   |
| 12:05-13:30 | <b>Lunch and Poster session</b>  |   |
|             | <i>Chairs: Yung-Sing Wong (DPM/UGA), Giulia Franco (IRIG-CEA) &amp; Mahmoud Rizk (ESRF)</i>  |   |
| 13:30-14:10 | <b>Florence Mahuteau (Institut Curie, Université PSL, Orsay, France)</b><br><i>From a screening of the Curie-CNRS chemical library to a drug (Obefazimod) in clinical phase for ulcerative colitis</i>                               |   |
| 14:10-14:30 | <b>Guillaume Hoffmann (IAB)</b><br><i>Adenosine-Dependent Activation Mechanism of Prodrugs Targeting an Aminoacyl-tRNA Synthetase</i>  |   |
| 14:30-14:50 | <b>Rahila Rahimova (EMBL Grenoble)</b><br><i>High-Density X-ray Crystallography Screening: PDEd as a pilot target for drug discovery</i>   |   |
| 14:50-15:20 | <b>Coffee break</b>  |   |
|             | <i>Chairs: Laurence Lafanechere (IAB) &amp; Ali Nasrallah (IRIG-CEA)</i>   |   |
| 15:20-15:40 | <b>Flora Clément (IRIG-CEA)</b><br><i>Therapeutic siRNAs targeting JAK/STAT signalling pathway in inflammatory bowel diseases</i>  |   |
| 15:40-16:20 | <b>Didier Leroy (Medecines for Malaria Venture, Geneva, Switzerland)</b><br><i>The novel antimalarial candidate MMV688533 offers potential for single-dose cure with a High Barrier to Plasmodium falciparum parasite resistance</i> |   |
| 16:20-16:25 | <b>Closure - Max Nanao (ESRF)</b>  |   |

**Organisers:**

Morgane Baudoin (DPM/UGA), Florent Bernaudat (PSB), Eric Defranco (DCM/UGA), Marie-Odile Fauvarque (IRIG-CEA), Giulia Franco (IRIG-CEA), Hassan Hijazi (IRIG-CEA), Laurence Lafanechere (IAB), Jose A. Marquez (EMBL), Max Nanao (ESRF), Ali Nasrallah (IRIG-CEA), Mahmoud Rizk (ESRF), Joanna Timmins (IBS), Yung-Sing Wong (DPM/UGA)