



2010 PSB Student Day

Tuesday 26th January 2010

ILL Chadwick Amphitheatre

Organised by
Bridgette Connell (IBS),
Shona Gillespie (ILL),
Thierry Izore (IBS),
Nikolaos Mathioudakis (EMBL),
Deeska Munnur (ILL),
Yan Nie (EMBL),
Simone Pellegrino (ESRF),
Marion Sévajol (IBS),
Eric Thierry (UVHCI).

The goal of the “PSB Student Day” is to give all young scientists in the PSB a chance to interact with each other and to present and discuss their research projects in a relaxed and informal atmosphere. In this context, the feedback of more senior scientists (Postdocs, Group Leaders and Technicians) is very important and the PSB students are strongly expecting their participation at this event.

Contribution of all the students is of course necessary and mandatory.

Program

**12:30 Poster Session &
Welcome Buffet in the ILL Entrance Hallway**

13:30 Short Introduction by Thierry Izore

- **First Session (Chair: Bridgette Connell)**

13:35 Structure and Function of CHMP Proteins and their ligands involved in HIV budding.
By Nicolas Martinelli (UVHCI)

14:00 Understanding the role of RecN in the extreme radio-resistant bacterium *Deinococcus radiodurans*.
By Simone Pellegrino (ESRF)

14:25 X-ray and neutron characterisation of self assembling filamentous structure.
By Estelle Mossou (ILL)

14:50 -15:20 First Year PhD Students. Two-minute clips

15:20 – 15:50: Coffee Break - Poster Session

- **Second Session (Chair: Yan Nie)**

15:50 Design of biosensors based on the covalent assembly of G-protein coupled receptors and potassium channels.
By Lydia Caro (IBS)

16:15 Structural studies on RIG-I, a receptor for intracellular viral RNA.
By Eva Kowalinski (EMBL)

16:40-17:10 First Year PhD Students. Two-minute clips

17:10 – 18:00: Poster Session and Best Poster Prize

18:00 Closing Session

First year PhD students 2009/2010:

AGUILAR Carmen (EMBL/UVHCI)

BENOIT Matthieu - (IBS)

BOTTE Matthieu (EMBL)

CONTI Audrey - (UVCHI)

DORDOR Aurelien - (UJF/UVHCI)

FOULD Benjamin - (IBS)

GEENEN Eva Maria (EMBL)

GIORDANO Rita - (ESRF)

HEIDARI KUAJEPOUR Mohammad Yaser - (IBS)

JACQUET Mickael - (IBS)

KNOLL Wiebke - (ILL)

LECOQ Lauriane - (IBS)

LIPP Michael (EMBL)

OZENNE Valery - FDP (IBS)

PELLEGRINI Erika (ESRF)

SAESEN Els - (IBS)

SARRE Aili - (ESRF)

SUEUR Charlotte - (UJF/UVHCI)

SIAUCIUNAITE Lina - (IBS)

SUTKEVICIUTE Ieva - (IBS)

THIERRY Eric - (UJF/UVHCI)

VERNERET Melanie - (IBS)

Von LOEFFELHOLZ Ottilie (EMBL)

Posters for the PSB Student Day

1. **ALI Salyha (ILL):** "X-ray and neutron crystallographic studies on pectate lyase"
2. **CHABROL Eric (IBS):** Mutations in Langerin carbohydrate domain affect Birbeck granule structure and its function by two different types of destabilisation.
3. **DELVECCHIO Manuela (EMBL):** "Mechanisms of regulation of the CBP/p300 acetyltransferase"
4. **DESFOSES Ambroise (UVHCI):** "New insights into the structure of measles virus nucleocapsid"
5. **DESRAVINES Danielle (EMBL):** "Structural and functional approaches towards new inhibitors of HDAC7"
6. **GILLESPIE Shona (ILL):** "Neutron diffraction studies of the pH effects upon the structure of thaumatin"
7. **GIORDANO Rita (ESRF):** "Toward multi-samples data collection for macromolecular crystals: frozen crystals non-isomorphism"
8. **FARO Aline (IBS):** "Photo-switching mechanism of Enhanced Yellow Fluorescence Protein"
9. **HACHI Isma (IBS):** "Structural study of a Cytosolic-T3 Binding Protein from mouse brain"
10. **IVAN Ivanov (UVHCI):** "Structure assembly and dynamics of RNS viral replication complex"
11. **LEYRAT Cédric (UVHCI):** "Experimental and computational studies of rabies and vesicular stomatitis virus nucleoprotein-phosphoprotein interactions"
12. **MARINONI Elodie (IBS):** "Study of S-Adenosyl-L-methionine radical proteins involved in protein active site maturation"
13. **Martinez Nicolas (UVHCI):** "Structural characterization of a chaperone-client protein complex: Pha30-par27"
14. **MATHIOUDAKIS Nikolaos (EMBL):** "Structural and functional insights into Tdrd1: novel players in the piRNA pathway"
15. **NIE Yan (EMBL):** "Structural Molecular Biology of Human TFIID Complexes"
16. **PANWAR Pankaj (IBS):** "Structural and functional studies on ADP/ATP Carrier".
17. **SELE Céleste (UVHCI):** "Structural and biochemical study of the A20R, D4R and E9L proteins of the Vaccinia Virus"
18. **TALON Romain (IBS):** "Lanthanoid complexes as new tools for X-ray structure determination of biological macromolecules: application to large protein complexes and membrane proteins."
19. **VIOLA Cristina (EMBL):** "Structural and functional characterization of TAF2: A subunit of the general transcription factor TFIID."
20. **Xiol Jordi (EMBL):** "MOV10-like is an essential piRNA biogenesis factor"