

EMBO Practical Course on the Structural Characterization of Macromolecular Complexes

Grenoble, May 31 – June 5, 2010

Programme

	Mon May 31	Tues Jun 1	Wed Jun 2	Thur Jun 3	Fri Jun 4	Sat Jun 5
Venue:	ILL Chadwick	ILL Chadwick	ILL Chadwick	ILL Chadwick	ILL Chadwick	EMBL Seminar Rm.
9:00–9:45	<i>Co-expression in E.coli</i> Christophe Romier IGBMC Illkirch	<i>Identifying/Purifying complexes</i> Bertrand Séraphin IGBMC Illkirch	<i>Large-scale studies of complexes</i> Sebastian Kühner EMBL-Heidelberg	<i>EM Single Particle</i> Patrick Schultz IGBMC Illkirch	<i>Cross-linking & Mass Spec</i> Juri Rappsilber U. Edinburg	<i>Exploiting Synchrotron Radiation</i> Matthew Bowler ESRF Grenoble
9:45–10:30	<i>Co-expression in Baculovirus</i> Imre Berger EMBL-Grenoble	<i>DARPin technology</i> Andreas Plückthun Univ. Zurich	<i>Yeast 2-hybrid methods</i> Montserrat Soler-López IRB Barcelona	<i>EM tomography</i> John Briggs EMBL Heidelberg	<i>Protein-Protein interaction databases</i> Gianni Cesareni Univ. Rome	<i>Project case study 1</i> Christiane Schaffitzel EMBL Grenoble
Coffee						
11:00–11:45	<i>Mammalian cell expression</i> Radu Aricescu Oxford U.	<i>Making/Characterizing Protein-DNA Complexes</i> Song Tan Penn. State U.	<i>NMR of complexes</i> Michael Sattler Tech.U.Munich	<i>Native Mass spec of assemblies</i> Elisabetta Boeri Erba U. Cambridge.	<i>Fluorescence microscopy Imaging</i> Alexei Grichine IAB Grenoble	<i>Project case study 2</i> Darren Hart/Sergei Avilov EMBL Grenoble
11:45–12:30	<i>HTP (& other) methods</i> Pär Nordlund Karolinska Inst.	<i>Overview of Biophysical assays</i> Vladimir Rybin EMBL-Heidelberg	<i>Intrinsically unstructured proteins</i> Martin Blackledge IBS-Grenoble	<i>Small-angle scattering</i> Dmitri Svergun EMBL-Hamburg	<i>Chemical Biology to probe interactions</i> Kai Johnsson EPFL Lausanne	<i>Course evaluation/ Final Remarks</i>
Lunch						
14:00–18:00	Practicals	Practicals	Practicals	Practicals	Practicals	
18:00–19:00		Poster clips / Poster Session 1	Poster clips / Poster Session 2		Song Tan Penn. State U.	
Dinner				Free Evening	Course Banquet	

Scientific Organizers:

Carlo Petosa (IBS)
Elspeth Gordon (ESRF)
Darren Hart (EMBL)
Guy Schoehn (UVHCI)
Winfried Weissenhorn (UVHCI)

Administrative organizer:

Mary Jane Villot (EMBL)

web site: <http://cwp.embo.org/pc10-20>