



3D Repertoire workshop: “Complex production”

EMBL-Heidelberg, 8-9th November 2007

Goals:

- Define and coordinate future directions of 3D Repertoire for complex expression and purification
- Share protocols and tricks with the partners
- Strengthen the collaborations of the groups involved in complex production
- Discuss specific difficult cases of complexes on which 3D Repertoire partners are working
- Organize a practical course in 2008

Agenda:

The program will include four sessions as outlined below.

Short talks (15 min each including discussion) will be given by the representative of each lab attending the workshop. Short talks should give an overview on the general strategies followed in the laboratory.

Working groups are round tables where people can discuss on their specific cases. Participants can prepare a couple of slides or transparencies to discuss together.

Registration and accommodation:

Please contact Bettina Schäfer (schaefer@embl.de) who will be in charge of the workshop organization. Accommodation will be at the ISG hotel (http://www.embl.org/travel_contact/heidelberg/isghotel.html):

1st Day

12:00 – 13:20	Arrival and Lunch
13:20 – 13:30	Welcome – Christoph Mueller
	I. Recombinant subunit production in <i>E.coli</i> and complex assembly
13:30 – 14:00	Jerome Basquin (MPG-Munich)
14:00 – 15:15	5 short talks – 15 min each
	Mark Brooks (van Tilbeurgh’s lab)
	Susanne Eschenburg
	Sebastien Violot (Coll’s lab)
	Darren Hart
	Kumiko Shiozawa (Wilmanns’s lab)
15:15 – 15:45	Coffee break
	II. Expression strategies using the baculovirus system
15:45 – 16:15	Imre Berger (ETH-Zurich)
16:15 – 17:15	4 short talks – 15 min each
	Nicolas Issaly (GTP)
	Perrakis’s lab
	Annabel Parret (Scheffzek’s lab)
	Javier Coloma (Montoya’s lab)
17:15 – 17:45	Coffee Break
17:45 – 18:45	Working groups:
	1. Recombinant subunit production in <i>E.coli</i> (Chair: Hüseyin Besir – EMBL)
	2. Baculovirus system (Chair: Tassos Perrakis)
18:45 – 19:15	Summary
20:30	Dinner

2nd Day

09:00 – 09:30	III. Subunit co-expression in <i>E. coli</i> Christophe Romier (IGBMC-Strasbourg)
09:30 – 10:45	5 short talks – 15 min each Lina Siauciunaite (Bravo's lab) Aldo Tarricone (Musacchio's lab) Arulanandam Jeyaprakash (Conti's lab) Fariborz Nasertorabi (Suck's lab) Laurent Larivière (Cramer's lab)
10:45 – 11:15	Coffee break
11:15 – 11:45	IV. Purification of endogenous complexes and over-expression in yeast Andreas Bauer (Cellzome)
11:45 – 12:45	4 short talks – 15 min each Bertrand Sèraphin Christoph Müller Sebastian Charbonnier (Gavin's lab) Andrzej Dziembowski
12:45 – 14:00	Lunch
14:00 – 15:00	Working groups: 1. Subunit co-expression in <i>E. coli</i> (Chair: Aldo Tarricone) 2. Production of endogenous complexes and over-expression in yeast (Chair: Anne-Claude Gavin)
15:00 – 15:30	Summary
15:30 – 16:00	Coffee break
16:00 – 17:00	Group leader meeting and parallel session on the Target DB for PhD/postdocs