

Affinomics Year 3 Reporting Meeting,
Alpbach Conference Centre, Monday 11th March 2013



AFFINOMICS

8.30: Mike Taussig: Coordinator Introduction

8.45-9.30: Generation of protein and peptide antigens (WP1)

Susanne Müller-Knapp, Chair

DKFZ (Jörg Hoheisel)	Peptides
KI (Tomas Nyman)	Status of antigen production at Karolinska Institute
UCPH (Tine Kragh Nielsen)	Status of antigen production at the CPR
UOXF, SGC (Susanne Müller-Knapp)	Antigen production year 3 AFFINOMICS

9.30-10.30: Binder production (WP2)

Stefan Dübel, Chair

KTH (Peter Nilsson)	Affinity-purified polyclonal antibodies
EMBL, PARATOPES (Alan Sawyer)	Year 3 mAb report
TUBS (Stefan Dübel)	scFv-Fc antibody deliveries
LUND (Carl Borrebaeck)	Phage work update
VIB (Serge Muyldermans)	Nanobodies within Affinomics
UZH (Jonas Schaefer)	Recent progress in HT selections and screenings of DARPins

11.00-12.00: Binder Analysis and Applications (WPs 3,4,5)

Ulf Landegren, Chair

KTH (Mathias Uhlen)	Binder analysis and epitope mapping of antibodies
UU (Andries Blokzijl)	Validation of recombinant binders by in situ PLA
DKFZ (Jörg Hoheisel)	Array-Based Binder Analysis and Applications
BBT/BI (Ronny Schmidt)	Specificity screening of affinity reagents and protein array platform optimisation
VTT (Rami Mäkelä)	Lysate arrays in protein expression analysis
LUND (Helena Persson)	Multiplexed serum analysis on antibody arrays

12-12.30 Affinity based proteomics (WP6)

Gianni Cesareni, Chair

UTOV (Gianni Cesareni)	A case for phosphopeptide affinity ligands
EKUT (Marius Ueffing)	Phosphopeptide mapping and binder production: a challenge beyond expectations
KASSEL (Fritz Herberg)	Modulation of kinase function by protein phosphorylation

13.30-14.15: Bioinformatics and databases (WP7)

Erik Bongcam-Rudloff, Chair

BBT/BI, KTH (Oda Stoevesandt)	Using ProteinBinders as central data collection for the AFFINOMICS partners
UU (Tomas Klingström)	MolMeth update
EMBL (Henning Hermjakob)	PSI-PAR 2.0 and IntAct-Affinomics update

14.15-15.00: NIH/NCI presentations

NIH (Salvatore Sechi), NCI (Tara Hiltke)

15.00: Assessment, Discussion, Forward look to Y4, SAB comments

Targets, Binder numbers, Distribution, Bottlenecks