

SPINE 2 – Tutorial Workshop
NMR for characterizing protein-protein complexes
CERM – University of Florence
16-18 April 2008

April 16

9.00 - 9.15 Welcome (Ivano Bertini)

9.15 - 11.00 NMR observables useful to study protein-protein interaction (Lucia Banci)

Break

11.30 - 13.00 Investigations of protein-protein interactions from 1D spectra to *protonless* experiments (Roberta Pierattelli)

Lunch

14.30 – 16.00 Practical aspects of NMR studies of protein-protein and protein-DNA/RNA complexes (Rolf Boelens)

Break

16.30- 18.30 Tutorial (Coordinator Simone Ciofi Baffoni)

19.30 Dinner

April 17

9.00 – 11.00 Characterizing protein complexes via chemical shift perturbations and paramagnetic relaxation enhancements (Michael Sattler)

Break

11.30 – 13.00 Tutorial (Coordinator Simone Ciofi Baffoni)

Lunch

14.30 – 15.30 Integrating NMR with other techniques (Michael Sattler)

15.30 – 16.30 NMR based modelling of protein-protein and protein-DNA interactions (Rolf Boelens)

Break

17.00 – 18.30 Tutorial (Coordinator Simone Ciofi Baffoni)

19.30 Dinner

April 18

9.00 – 11.00 Intermolecular structural restraints (Isabella C. Felli)

Break

11.30 – 13.00 The contribution of NMR to characterize the network of biomolecules interactions (Ivano Bertini)

Departure