

## COURSE SCHEDULE

### Monday (June 3<sup>rd</sup>) Auditorium B

10:00-10:20 Welcome address (S. M. R.)

10:20-12:00 Structural Biology: Overview (S. M. R. / P. P.)

LUNCH

14:00-16:00 Recombinant protein expression and purification (F. F. S.)

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### Tuesday (June 4<sup>th</sup>) Auditorium B

10:00-11:15 NMR: Overview (A. P.)

11:30-12:30 Protein Crystallography: Overview (P. P.)

LUNCH

14:00-15:00 Kaleidoscopic protein assemblies: the case of ataxin-1 (A. P.)

15:30-16:30 **PRACTICAL 1:** PROTEIN CRYSTALLIZATION (Groups I and II)

**PRACTICAL 2:** PROJECT PREPARATION (Groups III and IV)

16:30-17:30 **PRACTICAL 1:** PROTEIN CRYSTALLIZATION (Groups III and IV)

**PRACTICAL 2:** PROJECT PREPARATION (Groups I and II)

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### Wednesday (Jun 5<sup>th</sup>) Meeting Room 0.33

10:00-11:15 Polyglutamine disorders: a structural perspective (S. M. R.)

11:30-12:00 Brain-predominant ataxin-3 isoform SUMOylation: aggregation trigger? (B. A.)

LUNCH

14:30-15:30 **PRACTICAL 3:** DIFFRACTION DATA COLLECTION (Groups I and II)

15:30-16:30 **PRACTICAL 3:** DIFFRACTION DATA COLLECTION (Groups III and IV)

16:30-18:00 **PRACTICAL 4:** PROJECT PREPARATION (All Groups)

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### Thursday (June 6<sup>th</sup>) Meeting room 0.33

10:00-11:15 Natural anticoagulants (P. P.)

11:30-12:00 Solution structure and self assembly properties of soluble RAGE (Z. S.)

12:00-12:30 Structural and functional aspects of codon ambiguity in *C. albicans* (A. S.)

LUNCH

14:30-15:30 **PRACTICAL 5:** MODEL BUILDING (Groups I and II)

**PRACTICAL 6:** PDB AND PYMOL (Groups III and IV)

15:30-16:30 **PRACTICAL 5:** MODEL BUILDING (Groups III and IV)

**PRACTICAL 6:** PDB AND PYMOL (Groups I and II)

16:30-18:00 **PRACTICAL 7:** PROJECT PREPARATION (All Groups)

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### Friday (June 7<sup>th</sup>) Meeting room 0.33

10:00-12:00 Project presentation (Groups I, II, III and IV)