

Friday, Dec 1

Depart: 7:00 Budapest-Déli
Arrive: 9:01 Balatonföldvár

Session 1: Structural Changes in Myosin During the ATPase Cycle

Chair: A. Málnási-Csizmadia

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| Chair's Welcome | 10:00-10:05 |
| B. Kintses (EMBO Lecture): Switch I Movements in Myosin | 10:05-10:20 |
| M. Gyimesi: Reversal of the Phosphate Release Step of Myosin | 10:20-10:35 |
| B. Kintses: Uncoupling of Switch and Relay Movements | 10:35-10:50 |
| Discussion | 10:50-11:20 |

Session 2: Mechanism of Non-Motor Enzymes

Chair: M. Kovács

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| J. Tóth: Mechanism of Action of Human dUTPase | 11:40-11:55 |
| Discussion | 11:55-12:05 |
| B. Jelinek: Conversion of Trypsin to Chymotrypsin | 12:05-12:20 |
| Discussion | 12:20-12:30 |

Lunch

12:40

Session 3: Myosin V

Chair: M. Kovács

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| M. Kovács: Overview | 14:00-14:10 |
| B. Takács: Mutations in Myosin V | 14:10-14:25 |
| N. Nagy: Effect of Switch-2 Structure on the Myosin V Mechanism | 14:25-14:40 |
| Discussion | 14:40-15:00 |

Session 4: In Silico Fingerprint Methods

Chair: Zs. Bikádi

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| Zs. Bikádi: Overview | 15:20-15:35 |
| G. Zahoránszky: Structural Fingerprint | 15:35-15:50 |
| Z. Yang: Molecular Interaction Fingerprint | 15:50-16:05 |
| E. Hazai: To Be Announced | 16:05-16:20 |
| Discussion | 16:20-16:50 |

Dinner

Party Time, Socializing

18:00

Saturday, Dec 2

Breakfast

9:00

Session 5: Protein Folding

Chair: A. Málnási-Csizmadia

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| A. Málnási-Csizmadia: Overview | 10:00-10:15 |
| Z. Simon: Measuring Internal Viscosity in Proteins | 10:15-10:30 |
| L. Végner: Structure-specific Monitoring of Unfolding | 10:30-10:45 |
| K. Sarlós: Effect of Load on a Motor Enzyme Reaction | 10:45-11:00 |
| Discussion | 11:00-11:30 |

Session 6: Report from Scientific Management Course

Chairs: B. Kintses, B. Jelinek

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| Report | 11:50-12:10 |
| Discussion | 12:10-12:30 |

Lunch

12:40

Depart: 14:29 Balatonföldvár
Arrive: 16:33 Budapest-Déli