Spring Retreat 2009
Balatonföldvár

Program

Friday, May 29

9:45-10:00	Kovács	Welcome & overview
10:00-10:40	Bagshaw	Unanswered questions in the actomyosin mechanism
10:50-11:20	Kovács	Blebbistatin freeezes the activated state of myosin
11:20-12:00	Knight	What EM techniques and structures tell of myosin
12:10-12:30	Takács	Energetics of actin binding and cleft closure
12:30-12:50	Várkuti	Role of the activation loop in myosin function
13:00-14:00	*Lunch*	
14:00-14:40	Kad	Load dependence in motor mechanisms
14:40-15:00	Yang	Structure of the weak-binding actomyosin complex
15:00-15:30	Málnási	Mechanism of actin-activation and the powerstroke
15:40-16:40	Málnási	Ψ and anti-Ψ of lab relations
17:00-19:00	*Football*	
19:00-20:00	*Dinner*	
20:00-22:00	*Jacuzzi*	

Saturday, May 30

8:00-9:30	*Breakfast*	
9:30-10:00	Kovács	Unexplored motor systems in DNA metabolism
10:00-10:20	Gyimesi	Processive translocation of the BLM helicase along DNA
10:20-10:40	Sarlós	Enzyme mechanism and DNA activation of RecQ
10:50-11:10	Simon	Multi-Correlated Drug Profile Service
11:10-11:30	Rauscher	PC Analysis of Molecular Interaction Fingerprint
11:30-11:50	Gere-Pászti	Synthesis of azido derivatives of drug molecules
12:00-12:20	Lőrincz	FT of residue motions in myosin states
12:20-12:50	Derényi	A new angle on friction
12:50-13:00	Málnási	Wrap-up, farewell message
13:00-14:00	*Lunch*	

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Participants

Clive Bagshaw	Dept of Biochemistry, Univ. of Leicester
Imre Derényi	Dept. of Biological Physics, Eötvös Univ.
Erzsébet Gere-Pászti	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
Judit Gervai	Dept. of Biochemistry, Eötvös Univ. *(MK group)*
Máté Gyimesi	Dept. of Biochemistry, Eötvös Univ. *(MK group)*
Gábor Harami	Dept. of Biochemistry, Eötvös Univ. *(MK group)*
Balázs Jelinek	Dept. of Biochemistry, Eötvös Univ.
Neil Kad	Dept. of Biological Sciences, Univ. of Essex
Miklós Képíró	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
Bálint Kintses	Dept. of Biochemistry, Cambridge Univ.
Peter Knight	Inst. of Molecular and Cellular Biology, Univ. of Leeds
Mihály Kovács	Dept. of Biochemistry, Eötvös Univ.
István Lőrincz	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
András Málnási-Csizmadia	Dept. of Biochemistry, Eötvös Univ.
Nikolett Nagy	Dept. of Biochemistry, Eötvös Univ. *(MK group)*
Dániel Papp	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
Anna Rauscher	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
Hajnalka Sarankó	Dept. of Biochemistry, Eötvös Univ. *(MK group)*
Kata Sarlós	Dept. of Biochemistry, Eötvös Univ. *(MK group)*
Zoltán Simon	Delta Elektronik Ltd.
Ilona Szász	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
Balázs Takács	Dept. of Biochemistry, Eötvös Univ. *(MK group)*
Boglárka Várkuti	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
László Végner	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
Zhenhui Yang	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*
Gergely Zahoránszky	Dept. of Biochemistry, Eötvös Univ. *(AMC group)*