Moday September 2	
15:30	**registration opening**
16:45	**workshop opening**
Electrochemistry of biopolymers. *Chair: Vlastimil Vyskočil*	
17:00-17:45	**Miroslav Fojta**
17:45-18:30	**Emil Paleček**
19:00	***dinner***

Tuesday September 3	
Chemically modified nucleic acids: construction and applications. *Chair: Elena Ferapontova*	
9:00-9:45	**Michal Hocek**
9:45-10:05	Petra Ménová
10:05-10:25	Medard Plucnara
10:30-11:00	*coffee break*
Electron transfer in DNA and DNA interactions with redox-active ligands. *Chair: Michal Hocek*	
11:00-11:45	**Elena Ferapontova**
11:45-12:30	**Thomas Doneux**
12:30-14:00	***lunch***
Nucleic acids labeling with oxoosmium complexes. *Chair: Emil Paleček*	
14:00-14:45	**Gerd-Uwe Flechsig**
14:45-15:05	Luděk Havran
15:05-15:25	Martin Bartošík
15:30-16:00	*coffee break*
Electrochemical techniques, electrodes & instrumentation. *Chair: Gerd-Uwe Flechsig*	
16:00-16:45	**Vlastimil Vyskočil**
16:45-17:15	Peter Barath

Wednesday September 4	
Techniques of biopolymer labeling and detection. *Chair: Thomas Doneux*	
9:00-9:20	Jana Kopecká
9:20-9:40	Antoním Hlaváček
9:40-10:00	Karel Lacina
10:00-10:20	Jan Špaček
10:30-11:00	*coffee break*
DNA-protein interactions. *Chair: Miroslav Fojta*	
11:00-11:20	Václav Brázda
11:20-11:40	Marie Brázdová
11:40-12:00	Petr Orság
12:00-12:20	Jan Coufal
12:30-14:00	***lunch***
14:00-15:00	poster session, free discussion & coffee
General Issues of Biosensor & Bioassay development and applications. *Chair: Miroslav Fojta*	
15:00-17:30	free discussion (optional format), ad-hoc short presentation of ideas, concluding remarks & closing the workshop
17:30	***dinner***

Thursday September 5
Departure of participants

List of oral presentations

Surname	Name	Institution	Title	Contact
Barath	Peter	Metrohm Česká Republika, s. r. o.	Spectroeletrochemical Measurements with Autolab	peter.barath@metrohm.cz
Bartošík	Martin	Masaryk Memorial Cancer Institute/IBP ASCR, Brno	3'-OH end-labeling of RNA with osmium complexes	martin.bartosik@mou.cz
Brázda	Václav	IBP ASCR/CEITEC MU, Brno	Detection of Protein-DNA Interactions, Methods and Applications	vaclav@ibp.cz
Brázdová	Marie	IBP ASCR, Brno	Methods for Detecting DNA-Protein Interactions: Application of Labels	maruska@ibp.cz
Coufal	Jan	IBP ASCR, Brno	IFI16 and p53 Interactions with Superhelical DNA and Cruciforms in vitro and in vivo	jac@ibp.cz
Doneux	**Thomas**	**l'Université libre de Bruxelles, Belgium**	**New insights into the interactions between electroactive complexes and DNA sequences**	**tdoneux@ulb.ac.be**
Ferapontova	**Elena**	**Aarhus University, Denmark**	**Electron Transfer in the surface-tethered DNA duplexes**	**elena.ferapontova@inano.au.dk**
Flechsig	**Gerd-Uwe**	**Manchester Metropolitan University,UK**	**Temperature-optimized DNA and RNA hybridization on gold electrodes using osmium tetroxide labels**	**gerd-uwe.flechsig@uni-rostock.de**
Fojta	Miroslav	CEITEC MU/IBP ASCR, Brno	Electrochemistry of Natural and Modified Nucleic Acids	fojta@ibp.cz
Havran	Luděk	IBP ASCR, Brno	Labeling of DNA by osmium tetroxide 2,2'-bipyridine complex – sensitive technique for detection of DNA damage	raven@ibp.cz
Hlaváček	Antonín	CEITEC MU, Brno	Preparation of nanoparticle bioconjugates with defined stoichiometry	77757@mail.muni.cz
Hocek	**Michal**	**IOCB ASCR/Charles University, Prague**	**Polymerase syntheses of base-modified DNA - new methods and new applications**	**hocek@uochb.cas.cz**
Kopecká	Jana	Life technologies Czech Republic, s.r.o.	Life Technologies Click-iT® chemistry and Qdot® nanocrystals – novel technologies for labeling and detection	Jana.Kopecka@lifetech.com
Lacina	Karel	CEITEC MU, Brno	Electrochemical sensing of glyco-biomolecules with ferroceneboronic acid - a modular approach for construction of molecular recognition elements	lacinak@chemi.muni.cz

Ménová	Petra	IOCB ASCR, Prague	Preparation of Modified Oligonucleotides by Nicking Enzyme Amplification Reaction	petra.menova@uochb.cas.cz
Orság	Petr	IBP ASCR/CEITEC MU, Brno	Solvatochromic and photoswitchable fluorescent probes for DNA-protein interactions sensing	orsag@ibp.cz
Paleček	**Emil**	**IBP ASCR, Brno**	**Electrochemistry of Natural and Chemically Modified Proteins and Carbohydrates**	**palecek@ibp.cz**
Plucnara	Medard	IBP ASCR, Brno	Ratiometric Analysis of Nucleotide Sequences Using Reducible Organic Labels	medard@ibp.cz
Špaček	Jan	IBP ASCR/CEITEC MU, Brno	Fast Detection of DNA Hybridization Using Enzyme-linked Assay at the Surface of the Pencil Graphite Electrode	j.h.spacek@gmail.com
Vyskočil	**Vlastimil**	**Charles University, Prague**	**New trends in the development of electrochemical sensors for the analysis of organic compounds**	**vlastimil.vyskocil@gmail.com**

List of posters

Surname	Name	Institution	Title	Contact
Adámik	Matej	IBP ASCR, Brno	Application of Labelled Primer Extension for G-quadruplex DNA Detection	matej@ibp.cz
Ambrož	Marcel	MU Brno	Preparation and Testing of a New Type of Ligand for DNA Labeling with Osmium Tetroxide Complexes	cznord.ambroz@email.cz
Balintová	Jana	IOCB ASCR, Prague	Redox Labeling of Nucleic acid for Analyzing Nucleotide Sequence	balintova@uochb.cas.cz
Daďová	Jitka	IOCB ASCR, Prague	Vinylsulfonamide and acrylamide modification of DNA for cross-linking with proteins	dadova@uochb.cas.cz
Tichý	Vlastimil	IBP ASCR/CEITEC MU, Brno	Electrochemical Analysis of Interactions of Tumor Suppressor Protein p53 with Cisplatin-Modified DNA	vlastik@ibp.cz
Trefulka	Mojmír	IBP ASCR, Brno	Electrochemistry of Osmium(VI)-Modified Carbohydrates	tref@ibp.cz
Vidláková	Pavlína	IBP ASCR, Brno	Using Anthraquinone and Nitrophenyl tags for electrochemical labelling of DNA	vidlakova@ibp.cz
Vítová	Lada	IBP ASCR, Brno	Capillary Electrophoretic Separation of Short Oligonucleotides from their Osmate Adducts	skrabalova@ibp.cz