

## FINAL LIST OF POSTERS OF EBSA 2011

Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-010	AZIMI, Olga	Effects of electromagnetic fields on interaction between Norfloxacin and Human Serum Albumin	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-012	BARKO, Szilvia	Characterization of the biochemical properties and biological function of the formin homology domains of Drosophila Daam	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-013	BARTUCCI, Rosa	Electron spin echo studies of free chain-labelled stearic acids interacting with beta-lactoglobulin	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-014	BASSO, Luis	Interaction of two putative fusion peptides from SARS-CoV glycoprotein with model membranes	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-015	BEHN, Daniela	Interaction of filamentous actin and ezrin within surface modified cylindrical nanopores	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-017	BINDER, Svatopluk	In vitro application of porphyrin photosensitisers on MCF7, HeLa and G361 tumour cell lines	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-018	BONTEMS, François	NMR analysis of the Respiratory syncytial virus M2-1 protein structure and of its interaction with some of its targets	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-019	BRAUNGER, Julia	Force spectroscopy at the membrane-cytoskeleton interface: interactions between ezrin and filamentous actin	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-020	BUZOVA, Diana	PEG-ylated LDL particles: a potential drug delivery system	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-021	CALDES, Catalina	Reactivity of aminophospholipid's polar head with glucose and arabinose	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-022	PARISSE Pietro	Ultrasensitive protein detection in nano-immuno assays based on DNA directed immobilization and Atomic Force Microscopy nanografting	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-023	AZUAGA FORTES, Ana	Distinct Ubiquitin binding modes exhibited by the SH3 domains of CD2AP	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-024	CHALOIN, Laurent	Virtual screening for the discovery of authentic inhibitors against cytosolic 5'-nucleotidase II: therapeutic use and benefit in cancer treatment	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-026	COELHO, Silvia	Polysaccharide Complex Nanostructure by Atomic Force Microscopy	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-027	CORNELIO, Marinonio	Interaction of Human Serum Albumin with Rutin theoretical and experimental approaches	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-029	HILD, Gábor	The effect of Toxofilin on the structure of monomeric actin	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-030	CSIK, Gabriella	Porphyrin conjugates in virus inactivation - role of porphyrin binding and singlet oxygen production	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-031	DASKOVA, Adela	Antimicrobial photodynamic therapy of porphyrins on bacterial cells	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-032	DE PAULA, Eneida	Characterization of tetracaine:cyclodextrin inclusion complexes by nuclear magnetic resonance	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-033	DUMAS, Philippe	ITC as a general thermodynamic and kinetic tool to study biomolecule interactions	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-034	ELOVAARA, Heli	Characterization of human membrane primary amine oxidase/sialic acid binding Ig-like lectin 10 interaction	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-035	ESPAGNE, Agathe	Investigating the oligomerization state of cyan fluorescent protein, from cell cytoplasm to solution	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-036	FAHMY, Karim	Coupling of the hydration shell of B-DNA to conformational substates and peptide recognition studied by time-resolved FTIR spectroscopy	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-037	HERRANZ-TRILLO, I.F.	Segmental-labeling expression of SH3 domains of CD2AP protein to study interaction with their ligand	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-038	FEOFILOVA, Maria	Kinetics of the interaction of DDP with DNA and nuclear proteins	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-039	FREIRE,Joao	Quantifying Molecular Partition of Supramolecular Complexes in Lipid Model Systems. Studies on Dengue Virus Supramolecular Components	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-040	ARCZEWSKA,Marta	The aggregation of antibiotic amphotericin B in the lipid membranes induced by K <sup>+</sup> and Na <sup>+</sup> ions: a Langmuir monolayers study	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-041	MATWIJCZUK,Arkadiusz	Microcalorimetric study of antibiotic amphotericin B complexes with Na <sup>+</sup> , K <sup>+</sup> and Cu <sup>2+</sup> ions	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-042	TÉLLEZ-SANZ, Ramiro	GSH-Ferrocene conjugates as electrochemical sensors for glutathione S-transferases	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-044	GRIGERA,J.Raul	Water, hydrophobic interaction, and protein stability	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-045	HATTY,Claire	Ligand induced changes of a functionally reconstituted membrane protein in a supported lipid bilayer	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-047	HOLOUBEK,Ales	Do nucleolar and apoptotic proteins interact in actinomycin D-treated cells?	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-049	ISTRATE,Claudia	Anisotropy study of OK kidney cells in the presence of aminoglycoside gentamicin	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-050	JESUS,Catarina	Thermodynamics: a Tool for Affinity Optimization of Drug Candidates for Transthyretin Amyloidosis	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-051	KARTTUNEN,Jenni	Fluorescence lifetime as a tool to study protein-protein interactions of GroEL and PRD1 viral proteins	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-052	KASTORNA,Anna	Structural modification of model membranes by fibrillar lysozyme as revealed by fluorescence study	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-053	KELLER,Sandro	A new ITC assay for measuring ultratight and low-affinity protein-ligand interactions	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-054	KEMPER,Marijn	Interaction of myoglobin with oxidized polystyrene surfaces studied using rotating particles probe	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-055	KOLLÁR,Veronika	The effects of mouse twinfilin-1 on the structure and dynamics properties of actin	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-056	KOLLÁROVÁ,Radana	Nephrotoxicity of i.v. administered oleic acid coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles (NP) in rats	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-057	KOLUSHEVA,Sofiya	Biomimetic supramolecular assemblies for studying membrane interactions in vitro and in vivo	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-058	KÖTTING,Carsten	Mechanistic studies of the Ras-superfamily by time-resolved FTIR spectroscopy	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-059	KÖTTING,Carsten	ATR-FTIR Spectroscopy of immobilized proteins	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-060	KUMAGAI,Patricia	Carbohydrate recognition domains play different roles in Galectin function	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-061	KUTSENKO,Olga	Hemoglobin influence on lipid bilayer structure as revealed by fluorescence probe study	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-063	LEMME,Katrin	Thermodynamic evaluation of high affinity CD22 antagonists	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-064	LIONNE, Corinne	Importance of the low enantioselectivity of PGK for the phosphorylation of antiviral L-nucleosides	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-065	LOPES,Silvia	New insights into the translocation route of enrofloxacin and its metalloantibiotics	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-066	LOUREIRO,Joana	Oligomerization and fibril assembly of amyloid $\beta$ peptide (1-40) in the presence of amphiphiles	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-067	LY-MORIN,Elodie	On chip multiplex label free bio-affinity analysis and MALDI-MS characterisation of bound analyte	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-069	TURCU,Ioan	Atenolol incorporation into PNIPA nanoparticles investigated by Isothermal Titration Calorimetry	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-070	MISIAK,Pawel	Aggregation study of $\omega$ -(alkyldimethylammonium)alkylaldonamide bromides	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-071	NEMÉSIO,Henrique	Characterization of membrane active regions of Dengue virus (DENV) proteins C and E	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-072	PÄHLER,Gesa	Investigation of membrane-membrane interaction mediated by coiled coil lipopeptides	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-074	PETRILLI,Helena	Electric Hyperfine Interactions Ab Initio Study in Biological Systems: Cd in DNA Bases	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-075	RAMADOSS,Vijayaraj	Structure and stability of cyclic peptide based nanotubes: a computational chemistry investigation	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-076	RENAULT,Anne	Studies at the Liquid-Air Interface: a Powerful Toolbox to Study Interactions Between Biomolecules	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-078	RODRIGUES, Margarida	Membrane interactions and translocation assays for nucleolar-targeting peptides	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-079	ROMERO OBANDO,Maria Paulina	Interaction of zinc phthalocyanine with ionic and non ionic surfactants: uv-vis absorption and fluorescence spectroscopy for application in Photodynamic Therapy	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-080	ROVIELLO,Giovanni	Nucleobase-containing peptides: a spectroscopic study of their properties and nucleic acids recognition ability	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-081	SANAVIO, Barbara	Controlled immobilization and nanoscale supramolecular assembly of intrinsically disordered proteins	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-082	RODRIGUES,Margarida	Screening and characterization of membrane-peptide interactions in new crotonamine-derived CPPs	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-083	SARKIS,Joe	Modulation of the interaction and organization of Human Dystrophin repeats 11-15 subdomain with Membrane	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-084	SAYED,Ahmed	Structural and functional investigation of astaxanthin binding to the catalytic domain of matrix metalloprotease MMP-13	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-085	SCHATZ,Michaela	Macromolecular transport across hyaluronic acid barriers	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-086	SEELHEIM,Patrick	Immobilization of ABCC3 with Defined Orientation in an Environment Suitable for Transport Studies	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-089	SIMON,Matthieu J	Controversial sixth heme-ligand in non native human cytochrome c conformations	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-091	STEPHAN,Milena	Development of a biomembrane sensor based on reflectometry	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-092	STREJCKOVÁ,Alena	The incorporation of Hypericin and Emodin into artificial lipid membranes	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-093	SZALÓKI,Nikoletta	FRET, FCCS and MD-modeling reveal unexpected homodimerization of the Fos transcription factor in live cells	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-094	SZATMÁRI,Dávid	Expression and biophysical characterization of cardiac leiomodoin 2	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-095	SZWED,Marzena	The influence of doxorubicin transferrin conjugate on the human leukemic lymphoblast cells	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-097	TÓKE,Orsolya	Molecular motions and exchange processes in human ileal bile acid-binding protein	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-098	TÓTH,Katalin	DNA binding of newly synthesized porphyrin-tetrapeptide conjugates	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-099	TURCU,Ioan	Nanocalorimetric investigation of nanogels binding sites	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-100	TÜRMER,Katalin	Conformational and Dynamical Changes of AMP.PNP-bound Actin	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-101	VARGA,Andrea	Detailed characterisation of Raf-1:Rock2 pathway cross-talk	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-102	VAS, Mária	Nucleotide promiscuity of 3-phosphoglycerate kinase: implications for design of anti-HIV compounds	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-103	VERES, Dániel	Comparison of binding ability and location of two mesoporphyrin derivatives in liposomes	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-104	VINCZE-TISZAY,Gabriella	The role of the enzyme types ATP-ases in the muscle contraction	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-105	VUS,Kateryna	Development of new fluorescent probes for amyloid detection	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-106	WALD, Johanna	Fetuin-A mediated formation and ripening of colloidal calciprotein particles	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-108	ZANETTI,Manuela	Antifungal activity of peach defensin involves plasma membrane permeabilization	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-109	ZHAU,Haiyen	Quantum Dot Multispectral Imaging Detects Cell Signaling for Prostate Cancer Progression	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-110	ZUBRIENE,Asta	Towards intrinsic binding thermodynamics	Biomolecular interactions	Northern, N1	Globe hall gallery (level 1)
P-113	BÓKKON,István	Biophysical visual virtual reality in retinotopic visual areas	Neuronal systems and modelling	Northern, N1	Globe hall gallery (level 1)
P-115	GAVAZZO,Paola	Overexpression of NDM29 ncRNA induces neuron-like properties in neuroblastoma cells	Neuronal systems and modelling	Northern, N1	Globe hall gallery (level 1)
P-116	KAVSAN,Vadym	Novel human glioma model in rat brains	Neuronal systems and modelling	Northern, N1	Globe hall gallery (level 1)
P-121	OLIVI-TRAN,Nathalie	Semantic versus Syntactic: the role of the extracellular matrix on memory	Neuronal systems and modelling	Northern, N1	Globe hall gallery (level 1)
P-122	GANEA,Constanta	Fluorescence properties of quercetin in human leukemia Jurkat T-cells	Calcium fluxes, sparks, & waves	Northern, N1	Globe hall gallery (level 1)
P-123	BIBINEYSHVILI, Elena	Changes in myelinated axons after membrane modification	Calcium fluxes, sparks, & waves	Northern, N1	Globe hall gallery (level 1)
P-128	OSWALD,Ioan George	Complementary methods in determining the chemical composition of renoureteral calculi	Calcium fluxes, sparks, & waves	Northern, N1	Globe hall gallery (level 1)
P-129	SZENTESI,Peter	Effects of phosphatidyl-inositol-phosphates (PtdInsP) on calcium release events in mammalian skeletal muscle fibres	Calcium fluxes, sparks, & waves	Northern, N1	Globe hall gallery (level 1)
P-132	ABU SHARKH,Sawsan	FTIR and calorimetric investigation of the effects of trehalose and multivalent cations on lipid structure	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-133	ARBUZOVA,Anna	Controlled self-assembly and membrane organization of lipophilic nucleosides and nucleic acids: Perspectives for applications	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-134	BACSO,Zsolt	Conformational dependent trafficking of P-glycoprotein with rafts	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-135	BEUTEL,Oliver	Multivalent chelator lipids for targeting proteins into membrane nanodomains	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-136	NIZSALOCZKI,Eniko	Biophysical investigation of IL-9R assembly and function in human T-lymphoma cells	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-137	CASTRO,Bruno	Membrane organization of Fas transmembrane domain: Insights for clustering and apoptosis triggering.	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-138	CHAUDHURI,Arunima	Organization and dynamics of membrane-bound bovine alpha-lactalbumin: a fluorescence approach	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)

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P-140	DOMINGUES,Cleyton	Characterization of Brij 58 and 98-Resistant Membranes from Human Erythrocytes	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-144	FERREIRA, Mariana	New insights in the transport mechanism of Ciprofloxacin revealed by fluorescence spectroscopy	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-145	FORGÁCS,Attila	CD44-ICAM-1 crosstalk alters MHC1 rafts	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-147	GANDHI,Hetvi	Analyzing Janus kinases in living cells with single-color FCS using confocal and TIR-illumination	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-148	GANZELLA,Marcelo	Brain plasma membrane-enriched fraction contains and preserves the activity of mitochondrial membrane	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-150	GOMEZ-FERNANDEZ,Juan	Membrane docking mode of the C2 domain of PKC?: an infrared spectroscopy study	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-151	GONÇALVES,Sónia	Lipid selectivity as a determinant factor for HNP1 biological activity	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-152	GRAUBY-HEYWANG,Christine	Study of supported lipid bilayers in interaction with nanoparticles by AFM	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-153	HAKOBYAN,Nune	Effect of Cisplatin on Content of Phospholipids in Rat Liver Chromatin Fraction	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-154	HARVEY,Richard	Membrane lipids and drug resistance in Staphylococci	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-155	HELLMANN,Nadja	Modulation of $\alpha$ -toxin binding by membrane composition	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-156	IONESCU,Diana	Quercetin effects on Laurdan emission fluorescence in the presence of cholesterol	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-157	ISVORAN,Adriana	Comparative molecular dynamics simulations of the caveolin CRAC motif in micelle and bilayer	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-158	JAIKISHAN,Shishir	Effect of hydroxyl groups in the sphingolipid backbone on sterol/sphingomyelin interaction	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-159	JEFTIC,Jelena	Slow relaxation following the thermal hysteresis of new bolaamphiphiles	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-160	KOKLIC,Tilen	Interaction of alkylphospholipid liposomes with breast cancer cells	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-161	KUBICA,Krystian	Estimation of a membrane pore size based on the law of conservation of mass	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-162	LÖCHTE,Sara	Transient STAT recruitment into submicroscopic domains at the membrane skeleton	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-163	MANZO,Carlo	Nanoscale fluorescence correlation spectroscopy on intact living cell membranes with NSOM probes	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-164	MARQUES,Joaquim	Formation of ternary and quaternary lipid bilayers with nano/microdomains on bare and modified gold	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-165	MATSUZAKI,Katsumi	Mechanism of amyloid formation by A $\beta$ in raft-like membranes containing ganglioside clusters	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-167	MUKHORTAVA,Ann	Alterations in membrane cholesterol potentiate carbohydrate-dependent neutrophil degranulation	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-168	MUS-VETEAU,Isabelle	The hedgehog receptor patched is involved in cholesterol transport	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-169	NEUBACHER,Henrik	SNARE-mediated membrane fusion assay based on pore-suspending membranes: observing single fusion events	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-170	NEUNERT,Grazyna	Effect of dl-alpha-tocopherol glycosidic derivative on phospholipids monolayer structure	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)

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P-171	PALOMARES, Mo Francisca	Interaction of segment H1 (NS4B_H1) from HCV protein NS4B with model biomembranes	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-172	PANNUZZO, Martina	Theoretical and computational models for explaining the enhancement of the fusion rate of charged membranes in presence of water soluble polymer	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-173	PINTO, Sandra	The role of ceramide acyl chain length and unsaturation on membrane structure	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-174	PLESNAR, Elzbieta	Smoothing effect of cholesterol on a phosphatidylcholine bilayer. A molecular simulation study	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-175	HARVEY, Richard	Biophysical characterisation of the Staphylococcus aureus membrane: A neutron diffraction study	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-177	ROBASZKIEWICZ, Agnieszka	Chlorohydrins induce oxidative stress, phosphorylation of p38 kinase and apoptosis of HUVEC-ST cells	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-179	SARMENTO, Maria Joao	Influence of avidin-coated surface for GUV immobilization on lipid domain size and distribution.	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-180	SASSEN, Christoph	Monitoring membrane permeability: development of a SICM approach	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-181	SCHWEIZER, Jakob	Min-waves on confined artificial membranes	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-183	SZŐÖR, Árpád	Quantitative microscopic analysis reveals cell confluence regulated divergence of PDGFR-initiated signaling pathways with logically streamlined cellular outputs	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-184	THALMANN, Fabrice	A thermodynamic approach to phase coexistence in ternary cholesterol-phospholipid mixtures	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-185	VÁMOSI, György	Membrane potential influences mobility, interactions and signaling of interleukin-2 and -15 receptors in T cells	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-186	VOLKÓ, Julianna	MHC I organizes protein clusters and inhibits IL-2/IL-15 signaling in human T cells	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-187	WEIDEMANN, Thomas	Monitoring Interleukin-4 receptor activation: from the cell surface into endosomes	Membrane lipids, microdomains & signalling	Northern, N3	Corridor (level 0)
P-190	APRILE, Francesco	Insights into the molecular mechanisms of Hsp70-mediated inhibition of amyloid formation	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-191	BEMPORAD, Francesco	Characterizing the amyloidogenic state of the acylphosphatase from Sulfolobus solfataricus	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-193	COLE, Harriet	Insights into the early stages of fibrillogenesis of insulin using mass spectrometry	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-194	FEDUNOVA, Diana	Viscometric detection of conformational transitions and aggregation of polylysine	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-195	FODERA, Vito	Flow-induced polymorphism of protein aggregates in micro channels	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-196	GAZOVA, Zuzana	Inhibition of insulin amyloid fibrillization by albumin magnetic fluid	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-197	HOERNKE, Maria	Beta-sheet Structure Formation at the Air-Water Interface: Triggers, Transitions and Orientations	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-198	HUBIN, Ellen	Effect of ApoE isoform and lipidation status on proteolytic clearance of the Amyloid-beta peptide	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-199	INVERNIZZI, Gaetano	The role of protein context of polyglutamine in misfolding and aggregation: a combined biophysical and computational approach	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-201	KUMAR, Dhruv	Effect of 14-3-3(eta) on alpha-synuclein aggregation intermediates	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-202	LECOMTE, Sophie	What makes an amyloid toxic: morphology, structure or interaction with membranes	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)

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P-203	LEONE,Maurizio	Interconnected mechanisms in Abeta(1-40) peptide fibril formation	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-204	LIEPINA,Inta	Amyloid formations and interactions	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-206	MELO,Ana	Lipid-protein interaction and amyloid-like fiber formation: FLIM and FCS studies	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-207	MINICOZZI, Velia	Zinc modulates copper coordination mode in prion protein octa-repeat subdomains	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-209	PANNUZZO,Martina	Towards a dynamic vision of amyloid-membrane assemblies	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-212	SIPOSOVA,Katarina	Phytoalexins in prevention of amyloid aggregation	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-214	STOECKL,Martin	Alpha-synuclein oligomers impair membrane integrity - A mechanistic view	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-215	TA, Ha Phuong	Amyloid protein-membrane interactions and structure-toxicity relationship study	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-216	TOSATTO,Laura	Investigations on alpha-synuclein pore forming properties	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-217	URBANI,Raphael	Encapsulation and study of fibrillar networks in nanocompartments	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-220	ZERAIK,Ana Eliza	Conformational and aggregation studies of Schistosoma mansoni septins	Aggregated proteins	Northern, N1	Globe hall gallery (level 1)
P-222	ARTAMONOV,Dmitry	Efficacy of DNA repair mechanisms in blood lymphocytes of melanoma patients as prognostic factor of chemotherapy	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-223	BALDASSARRI,Enrico Junior	Self-assembly and stability of g-quadruplex: counter-ions, pressure and temperature effects	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-227	CHIKHIRZHINA,Elena	Compactization of DNA induced by sperm-specific proteins of H1 family	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-228	DOMMES,Olga	Investigation of radiation-induced damages in DNA bases and secondary structure	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-229	JIANG, Yun-Jin	Udu and its homologs, Udu2 and Gon4l, may have similar functions in DNA replication	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-233	MUNTEAN,Cristina	Surface-enhanced Raman scattering of genomic DNA from apple leaf tissues	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-234	PARTSKHALADZE,Tamar	The pH-dependent structure of DNA studied by Fourier Transform Infrared Spectroscopy	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-235	POLYANICHKO,Alexander	Structural order in complexes of DNA with chromosomal proteins HMGB1 and H1	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-240	VINCZE,János	The study of the pKM.101 plasmid effect on the repair of DNA	Nucleic acid and chromatin structure & function	Northern, N2	Corridor (level 1)
P-241	ALMEIDA,Joao	Dependence on membrane composition and amino acid sequence of antimicrobial peptides activity. A molecular dynamics simulation study	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-243	BACZYNSKI,Krzysztof	Interlipid links in galactolipid and phospholipid bilayers. A comparative molecular modeling study	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-244	PÁLMAI,Zoltán	Ligand chirality effects the dynamics of human 3-phosphoglycerate kinase	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-246	BENDE,Attila	The electron correlation effects on the energy band structures of double stranded DNA	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-248	BODA, Dezső	Mechanism of conductance and selectivity in a model calcium channel from Monte Carlo simulations	Computational biophysics and simulation	Northern, N2	Corridor (level 1)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-249	BOVI,Daniele	Vibrational Spectroscopy of Biomolecules by mixed Quantum/Classical Molecular Dynamics	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-250	BUIMAGA-IARINCA,Luiza	Adsorption of cysteine on gold (111) surfaces: a DFT study	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-251	CECCARELLI, Matteo	Human myoglobins: paradigm of structure-function relation	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-252	CHAUVOT DE BEAUCHENE,Isaure	Structural, dynamic and thermodynamic effects of KIT mutations: a computational multi-approach study	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-253	CHNG,Choon-Peng	Transmembrane association of leukocyte integrin heterodimer might be mediated by a polar interaction	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-254	COLLU, Francesca	Meropenem vs. Imipenem interacting with MexB: structural and dynamical determinants of the efflux action on two substrates	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-255	DEN OTTER, Wouter	Simulations of clathrin self-assembly into polyhedral cages	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-256	DÖLKER,Nicole	Allostery in Nuclear Export: A Hybrid Methods Approach	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-257	EISENHAUER,Kirstin	3D-Structural Model of Channelrhodopsin-2	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-258	ENCISO,Marta	Cooperativity in a multidomain protein	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-260	GASIK,Zofia	Flash Photolysis Experiments and Molecular Dynamics Simulation of Ligand Binding to Neuroglobin	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-261	GENEST,Monique	Ligand Entry Pathways in PPAR? Explored Using Targeted Molecular Dynamics Simulations	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-262	GOGOLINSKA,Anna	Molecular recognition at atomic level: interaction of autism related protein MCP-1 with an antibody	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-264	GRUBMUELLER,Helmut	Atomistic Simulation of Single Molecule Fluorescence Experiments: FRET beyond $K^{2/3}$	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-265	HASCHKA,Thomas	Molecular Simulations of Thrombospondin's C-Terminal Region	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-266	IVANOV,Dmitry	MD-based Modeling of Swift Heavy Ion Beam Nanostructuring of Dielectrics	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-267	JANOSI,Lorant	Transport properties of the human aquaporin HsAQP5	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-268	KAMBERAJ,Hiqmet	Elucidating the modular structure of the protein G C2 fragment and human IgG Fc domain binding site using computer simulations	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-269	KHAO,Jonathan	Entropy estimates of protein-induced lipid perturbations by molecular dynamics simulations	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-270	KÖNIG,Gerhard	Crossing Energy Barriers with Self-Guided Langevin Dynamics	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-271	LAINE,Elodie	Propagation of D816V/H mutation effects across KIT receptor	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-272	LEITGEB,Balázs	Comparative Molecular Dynamics Study of the Stereoisomeric Forms of Indolicidin and Its Analogs	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-273	LESYK,Roman	Rational design of potential anticancer "drug-like" molecules based on 4-azolidinone scaffold	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-274	LI,Wenjin	New Insights into the Mechanism of Mechanical Regulation on Thiol/disulfide Exchange	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-275	LJUBETIC,Ajasja	How lipids affect the side-chain conformational space of a spin label on a protein: an ABF MD study	Computational biophysics and simulation	Northern, N2	Corridor (level 1)



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P-276	LOPEZ BAUTISTA, Cesar	A nano-scavenger in action: the molecular beta-cyclodextrin-mediated cholesterol extraction mechanism	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-277	LOURA, Luis	Molecular dynamics simulations of pyrene in POPC and POPC/cholesterol bilayers	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-278	MAKSHAKOVA, Olga	DFT and FTIR-spectroscopic study of polypeptide - ligand complexes	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-279	MANGHI Manoel	DNA bubbles and bending : how conformational fluctuations modify base pairing	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-280	MARINCU, Bogdan	Kinetic tools for quantifying platelet aggregation	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-281	MELO, Manuel	Coarse-grained modeling of drug-membrane interactions	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-282	MENCHÓN, Silvia	Neuronal (bi)polarity as a self-organized process with membrane growth	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-283	MENDIETA-MORENO, Jesús	QM/MM study of serine protease enzyme acylation using DFTB method	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-284	MERNEA, Maria	Macromolecular crowding effects studied by THz spectroscopy and molecular modeling	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-285	MILAC, Adina	Symmetry constraints improve accuracy of ion channels models. Application to models of two-pore domain channels	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-287	NOTO, Rosina	Functional and dysfunctional conformers of human neuroserpin: a comparative MD study.	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-288	PAPALEO, Elena	Regulation of ubiquitin-conjugating enzymes: a common mechanism based on a pattern of hydrophobic and acidic residues	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-289	TIBERTI, Matteo	Protein dynamics and temperature adaptation in extremophilic enzymes	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-292	PEPŁOWSKI, Lukasz	Molecular dynamics study of bNeurexin-Neuroigin interactions	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-294	PICKHOLZ, Mónica	Concentration effects on the encapsulation of prilocaine in liposomes by computer simulations	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-295	PITULICE, Laura	Monte Carlo simulation study of diffusion controlled reactions in three dimensional crowded media	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-296	RADHAKRISHNAN, Ravi	Multiscale Modeling of Adhesion and Trafficking	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-297	RUDACK, Till	Mg <sup>2+</sup> is a temporary electron storage during the GTP Hydrolysis Mechanism	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-298	RUGGERONE, Paolo	Pathways to exit a receptor: a dynamical view of agonists - delta-opioids interaction	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-299	SACQUIN-MORA, Sophie	Functional modes and residue flexibility control the anisotropic response of Guanylate Kinase to mechanical stress	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-300	SADIQ, S. Kashif	The initial maturation mechanism of HIV-1 protease	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-301	SEIFERT, Christian	Force distribution analysis of allosteric mechanisms	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-304	SUNNICK, Eva	Modeling cellular adhesion with Monte Carlo Simulations	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-305	SUTTO, Ludovico	Characterizing the activation of protein kinase through an hybrid all-atom structure-based model	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-306	SUWATTANASOPHON, Chonticha	Molecular dynamics simulations on the function of the transmembrane Cav1.2 Channel in dependence of the content of cholesterol in the membrane	Computational biophysics and simulation	Northern, N2	Corridor (level 1)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-307	SZÉKELY,Tamás	Higher order numerical simulation of stochastic chemical reaction systems	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-311	VANCEA, Ioan	Implicit solvation in different dielectric environments with the generalized Born model FACTS	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-312	RUGGERONE,Paolo	Simulating bacterial efflux: how molecular features affect functional rotation	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-314	VENKEN,Tom	An optimized MM/PBSA virtual screening approach applied on a HIV-1 gp41 fusion peptide inhibitor	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-317	VOET,Arnout	Structure based discovery and optimization of first-in-class inhibitors of the HIV-1 IN-LEDGF/p75 interaction	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-318	RODGERS,Thomas	Modelling allosteric signalling in protein homodimers	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-319	ZIKIC,Dejan	A forward-backward mathematical model of blood pressure and blood flow in human upper limb	Computational biophysics and simulation	Northern, N2	Corridor (level 1)
P-320	ANDRESEN,Martin	A new class of reversibly switchable fluorescent proteins	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-323	BIGLINO,Daniele	Spinning-disk confocal fluorescence microspectroscopy: instrumental setup and features	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-325	BUCHHOLZ,Jan	High speed FPGA based multi-tau correlation for Single-Photon Avalanche Diode arrays	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-326	FERENCZI,Michael	FRET-Imaging to reveal cross-bridge dynamics in single skeletal muscle fibres	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-327	MARASINI,Carlotta	Direct visualization of CFTR conformation by atomic force microscopy imaging	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-328	COJOC,Dan	Focal delivery of BDNF to cultured neurons with optical tweezers	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-330	DOAN,Minh	Fluorescence resonance energy transfer analysis of nuclear proteins by laser scanning cytometry	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-331	DURGARYAN,Andranik	Chromosome imaging: Fluorescence in situ hybridisation (FISH) in human peripheral blood lymphocytes	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-332	DZUROVA,Lenka	Visualization of subcellular localization of pro/anti - apoptotic factors after Hypericin induced photodynamic treatment	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-333	FONTAINE-AUPART,Marie-Pierre	Correlative dynamic optical microscopy (TL, FRAP, FCS, FLIM) to decipher medical biofilm reactivity	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-334	HAASE,Albrecht	Towards skin cancer diagnostics by two-photon microscopy	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-335	HAASE,Albrecht	In-vivo two-photon imaging of the honeybee antennal lobe	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-336	IORDACHE,Florin	Fluorescent analysis of apoptosis induced by Pseudomonas aeruginosa in endothelial cells	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-337	KANAPORIS,Giedrius	Photo-toxicity of near-infrared voltage sensitive fluorescent dyes	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-338	SZALÓKINÉ KOVÁCS,Krisztina	Morphological analysis of spores with various microscopic techniques in <i>Streptomyces coelicolor</i>	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-339	KREITH, Balázs	Implementation of Dual Auto- and Cross correlation function calculation for FCS/FCCS measurements by FPGA	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-340	LANGOWSKI,Jörg	Single Plane Illumination Fluorescence Correlation Spectroscopy using High Speed Image Sensors	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-342	MIHAILESCU,Mona	Modeling the red blood cell shapes for holographic imaging	Imaging and optical microscopy	Northern, N3	Corridor (level 0)

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P-344	PODHORODECKI, Artur	Synthesis and optical properties of ultrasmall inorganic optical markers based on lanthanides emission for bio-medical applications	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-345	SIRONI, Laura	Natural Killer Cells Fate at the Draining Lymph Nodes: a Physical Portrait of the Biological Contest	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-346	SMITH, Nicholas	Time-resolved Raman imaging of malarial hemozoin	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-347	STEFANI, Enrico	Superresolution optical microscopy of isolated cardiac mitochondrial proteins	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-351	VERONESI, Giulia	X-ray spectro-microscopy at ID21: mapping of elements and chemical states at subcellular level	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-352	VIERO, Gabriella	Inside the polyribosome by super-resolution microscopies	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-353	VOSYLIUTE, Ruta	Optical signal interrogation depth in Tyrode and blood-perfused myocardial tissue	Imaging and optical microscopy	Northern, N3	Corridor (level 0)
P-355	CATTONI, Diego I	Mechanism of DNA sequence recognition by the SpoIIIE translocase	Molecular motors	Northern, N3	Corridor (level 0)
P-357	FERENCZ, Csilla	The rotary mechanism of a molecular engine, the vacuolar proton-ATPase, working in a biomembrane	Molecular motors	Northern, N3	Corridor (level 0)
P-358	FERENCZI, Michael	The effect of stretch on phosphate release in permeabilised skeletal muscle fibres	Molecular motors	Northern, N3	Corridor (level 0)
P-359	FURUIKE, Shou	Stepping rotation in H <sup>+</sup> -ATPase/synthase has been revealed with an essentially drag-free probe.	Molecular motors	Northern, N3	Corridor (level 0)
P-362	LIN, Jung-Hsin	Binding change mechanism of membrane-bound F <sub>1</sub> F <sub>0</sub> rotary motor driven by proton motive force	Molecular motors	Northern, N3	Corridor (level 0)
P-363	DERÉNYI, Imre	In silico reproduction of the stepping of kinesin using a complete kinetic model	Molecular motors	Northern, N3	Corridor (level 0)
P-364	MELLI, Luca	Toward the construction of a myosin based machine	Molecular motors	Northern, N3	Corridor (level 0)
P-367	THIEDE, Christina	Directionality of the yeast Kinesin-5 Cin8 is controlled by molecular structure and salt conditions	Molecular motors	Northern, N3	Corridor (level 0)
P-370	ALENKINA, Irina	Mössbauer spectroscopy of chicken liver and spleen, human liver ferritin and pharmaceutical models	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-371	BOMPARD, Coralie	Structural study of the interaction of SopB, a TTSS effector of Salmonella, and its chaperone SigE	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-372	CHILOM, Claudia-Gabriela	A spectroscopic study of GMP kinase secondary structure in interaction with ligands	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-374	DOMÉNECH MATA, Rosa M	Helical peptides derived from the dimerization helix of the capsid protein of HIV-1 bind protein wt	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-375	DUNKEL, Sabrina	Structure and Function of the Sodium/Proline Transporter PutP studied by EPR Spectroscopy	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-376	DYSZY, Fabio	Interactions of Brain Fatty Acid Binding Protein as monitored by site directed spin labeling	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-377	FEKETE, Melinda	Effect of DNA binding on the self-association of the human recombinase protein Rad51	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-378	FINET, Stephanie	New insight in the assembly and function of human small heat shock proteins (sHSP)	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-379	FOLGOSA, Filipe	Molecular damage caused by radiation exposure	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-380	FORTES RIGOS, Carolina	Cholesterol affects Na,K-ATPase thermostability and catalytic activity	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)

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P-381	GEORGIADOU,Dimitra	Apolipoprotein E3 mutants linked with development of Type III hyperlipoproteinemia alter the protein's thermodynamic properties	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-383	GONZÁLEZ DE PRADO SALAS,Pablo	Self-organisation of FtsZ protein filaments on a substrate	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-384	GRONT,Dominik	Modeling protein structures and their complexes with limited experimental data	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-385	GUITTET, Eric	NOEnet - Use of NOE networks for NMR resonance assignment of proteins with known 3D structure	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-386	HAJDÚ,István	Temperature adaptation requires specific changes in the conformational flexibility pattern of IPMDH	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-388	HEMSWORTH,Glyn	Structures of Trypanosoma brucei dUTPase Provide Insight into the Reaction Mechanism.	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-390	KARDOS,József	Improved secondary structure determination of proteins with SRCD: distinguishing parallel and antiparallel beta-structure	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-391	KEDROV,Alexej	Monitoring the assembly of the membrane protein insertase	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-394	LIGHEZAN,Liliana	Circular dichroism and the secondary structure of the ROF2 protein from Arabidopsis Thaliana	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-395	LOPES, José Luiz	Investigation of the bovine DGAT1 enzyme binding sites specificity	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-396	MARTÍN-GARCÍA,Fernando	Molecular dynamics simulation of short polymers of the cell division protein FtsZ suggests that GTPase activity is restricted to filament ends	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-397	NIENHAUS,Karin	Reversible and Irreversible Photoactivation in mIrisFP Variants	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-398	OBSIL,Tomas	Biophysical study of the complex between the 14-3-3 protein and phosducin	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-399	OBSILOVA,Veronika	BMH-dependent activation of yeast enzyme Neutral trehalase	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-400	OSHTRAKH,Michael	Mössbauer spectroscopy of various oxyhemoglobins in relation to their structure and functions	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-401	PÉZOLET,Michel	Structure-Function Relationships in Spider Silk	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-402	REZABKOVA,Lenka	Structural study of the 14-3-3/RGS3 protein complex	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-403	SÁRKÁNY,Zsuzsa	Solution structure and self assembly properties of soluble RAGE	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-407	VIEIRA,Debora	Streptomyces clavuligerus isoenzymes involved in clavulanic acid biosynthesis: a structural approach	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-409	WIEN, Frank	DISCO: Dichroism, Imaging & Spectrometry for Chemistry and Biology	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-411	WINHEIM,Stefan	Kinetic studies of vimentin early assembly and filament elongation	Structure of proteins and protein complexes	Southern, S4	Aula corridor (level 0)
P-414	AMELOOT,Marcel	Dynamics and organization of alpha3-containing glycine receptors using single molecule detection	Live cell imaging	Southern, S4	Aula (level -1)
P-415	ARSOV,Zoran	Use of fluorescence microspectroscopy to study nanoparticles delivery into living cancer cells	Live cell imaging	Southern, S4	Aula (level -1)
P-417	DUPONT, Aurélie	Novel 3D single particle methods reveal new details in the foamy virus entry and fusion processes	Live cell imaging	Southern, S4	Aula (level -1)
P-418	FERNANDES,Fabio	Regulation of PIP2 clustering in neuron-like model cells by synaptic protein palmitoylation	Live cell imaging	Southern, S4	Aula (level -1)

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P-419	CATTONI,Diego	Imaging SpoIIIE proteins during Bacillus subtilis sporulation by in-vivo PALM microscopy	Live cell imaging	Southern, S4	Aula (level -1)
P-420	FRADIN,Cécile	Fast mobility of Bicoid captured by fluorescence correlation spectroscopy in live Drosophila embryos	Live cell imaging	Southern, S4	Aula (level -1)
P-421	GANZINGER,Kristina	Single molecule studies of key processes during the initiation of innate and adaptive immune response	Live cell imaging	Southern, S4	Aula (level -1)
P-423	HALL,Amy	The study of cells using scanning force microscopy	Live cell imaging	Southern, S4	Aula (level -1)
P-424	HOCHSTETTER,Axel	Tracing the microscopic motility of unicellular parasites	Live cell imaging	Southern, S4	Aula (level -1)
P-426	KLOPFENSTEIN,Dieter	Detecting protein conformational states in C. elegans in vivo by confocal fluorescence anisotropy	Live cell imaging	Southern, S4	Aula (level -1)
P-428	LEONHARDT,Carolin	Design of Structured Microenvironments for Single Cell Transfection Studies	Live cell imaging	Southern, S4	Aula (level -1)
P-429	MCCOLL,James	Single molecule imaging of amyloid - peptide and the prion protein receptor on neurons	Live cell imaging	Southern, S4	Aula (level -1)
P-431	NIENHAUS,G. Ulrich	Super-Resolution Microscopy in Live-cell Imaging	Live cell imaging	Southern, S4	Aula (level -1)
P-432	PENJWEINI,Rozhin	Fluorescence live cell imaging of A549 cells in presence of PVP-Hypericin: Modifying excitation light dose of blue LED	Live cell imaging	Southern, S4	Aula (level -1)
P-433	QUERCIOLO,Valentina	Intranuclear visualization and distribution analysis of Pre Integration Complexes in MLV and HIV-1 infected cells	Live cell imaging	Southern, S4	Aula (level -1)
P-435	SHKUTE,Natalja	Fluorescence of living plant cells during senescence and stress	Live cell imaging	Southern, S4	Aula (level -1)
P-439	WEIMANN,Laura	Revealing the stoichiometry of endogenous G protein-coupled receptors (GPCRs) at the surface of live cells using single molecule imaging	Live cell imaging	Southern, S4	Aula (level -1)
P-445	GARCIA SAKAI,Victoria	The dynamic landscape in the multi-subunit protein, apoferritin, as probed by high energy resolution neutron spectroscopy	Trends in neutron scattering for biology	Southern, S4	Aula (level -1)
P-446	GARCIA SAKAI,Victoria	Dynamics of DPPC Vesicles in the Presence of Bioprotectants	Trends in neutron scattering for biology	Southern, S4	Aula (level -1)
P-448	NAKAGAWA,Hiroshi	Coupled dynamics of protein and hydration water studied by inelastic neutron scattering	Trends in neutron scattering for biology	Southern, S4	Aula (level -1)
P-452	BERTSEVA,Elena	Optical trapping microrheology in cultured human cells	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-454	FAKHRI,Nikta	Carbon nanotubes as mechanical probes of equilibrium and non-equilibrium cytoskeletal networks	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-456	GENTRY,Brian	Structural and mechanical properties of VASP-mediated f-actin bundle networks	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-458	GARAY,Tamás	Cell migration or proliferation? - The go or grow hypothesis in cancer cell cultures	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-460	KALISCH,Svenja-Marei	Against the wall: Microtubule dynamics is regulated by force and end-binding proteins	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-461	KARADULEVA,Elena	Expression of cytoskeletal protein titin during adaptation to extreme conditions	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-462	KARDOS,Roland	Interaction of WH2 domain of ABBA with monomeric actin	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-464	KISS,Alexa	Investigating nuclear migration with the help of micro-patterned surfaces	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-466	MANDAL,Kalpna	Modulation of cell internal tension in response to external geometrical adhesive cues	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-467	MAULUCCI,Giuseppe	Simultaneous quantification of cellular motility, redox status and membrane fluidity	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-468	PIETUCH,Anna	Manipulation of cellular mechanics	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-469	PUJOL,Thomas	Mechanical characterization of actin gels by a magnetic colloids technique	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-471	SCHÄFER,Edith	Modeling of actin cytoskeleton inside giant unilamellar vesicles	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-473	SCHNEIDER,David	Morphological and dynamical changes during TGF-beta induced epithelial-to-mesenchymal transition	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-474	STUHRMANN,Björn	Physics of cellular mechanosensitivity studied with biomimetic actin-filled liposomes	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-475	TABERNER,Núria	Setting up a system to reconstitute cytoskeleton-based protein delivery and patterning in vitro	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-476	TALIÁN,Csaba Gábor	Effects of the neuronal Br-3 tropomyosin isoform on the actin dynamics	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-477	TAVANO,Federica	Cell mobility and metastatic spreading: a study on human neoplastic cells using optical tweezers	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-478	TÓKÉSI,Natália	Moonlighting functions of TPPP/p25	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-479	TSAI,Feng-Ching	Encapsulating active actomyosin networks in giant liposomes	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-480	UJFALUSI,Zoltán	The effect of mDia1-FH2 on the ATPase activity of actin	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-482	ZABINI,Diana	Effect of collagen type I on human pulmonary artery endothelial cells	Cytoskeleton and cell migration	Southern, S4	Aula (level -1)
P-484	BRUUN,Sara	Investigation of Channelrhodopsin-2 Using Resonance Raman Spectroscopy	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-485	DALLA SERRA,Mauro	Architecture of human perforin pore in pure lipid bilayers	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-487	EFIMOVA,Svetlana	Dipole modifiers affect properties of syringomycin channels in the presence of large organic anions	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-488	GROSS,Magdalena	Spectroscopic investigation of the structure and function of the copper ATPase CopB of <i>Enterococcus hirae</i>	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-489	GULAK,Ksenia	TRPM8 mRNA and protein expression in rat vas deferens	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-490	HORNG,Tzzy-Leng	Computation of Poisson-Nernst-Planck equations describing ion channel on cell membrane	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-492	KAUFMAN,Igor	Effect of charge fluctuations on the ionic escape rate from a single-site ion channel	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-493	JAHNKE,Nadin	Functional reconstitution of membrane proteins by isothermal titration calorimetry	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-496	MARCHIORETTO,Marta	Membrane composition effects on pore-forming ability of two cholesterol-dependent cytolysins	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-497	MEISEL,Eshcar	Concerted or sequential conformational transitions in Kv7.1 channel activation gating?	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-498	MIKE,Árpád	Different chemical properties predict resting and inactivated affinity of sodium channel inhibitors	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-499	MILOSAVLJEVIC,Nina	The Na <sup>+</sup> /H <sup>+</sup> exchanger NHE7, biochemical features, intracellular localization and biological function	Ion channels: structure and function	Southern, S4	Aula (level -1)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-500	MISKIEWICZ,Janusz	Analysis of the collective behaviour of ion channels.	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-501	NEU,Eva	On motor and electrical oscillations in urinary tract: computer evaluation	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-503	MENAKER,Nataly	Mapping of an IKS channel opener reveals interactions between KCNE1 and the Kv7.1 voltage sensor	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-504	SALINAS,Eduardo	An in-silico approach to primaquine binding to Trp756 in the external vestibule of sodium channel Nav 1.4	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-505	SAWADA,Yasuyuki	Hydrogen Bond Formation Accelerates Channel Opening of the Bacterial Mechanosensitive Channel MscL	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-507	TRELA,Zenon	Modulation of slowly activating (SV) channels in red beet ( <i>Beta vulgaris</i> L.) taproots by organo-lead and -tin.	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-508	WEICHBRODT,Conrad	Electrophysiological investigation of the hVDAC1 ion channel in pore-spanning membranes	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-509	WEINZINGER,Anna	MD simulations reveal mutation induced reorientation of binding residues in the hERG K <sup>+</sup> channel	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-510	ZÍMA,Vlastimil	Clues to understanding the voltage regulation of TRPA1	Ion channels: structure and function	Southern, S4	Aula (level -1)
P-511	ALIYEVA,Samira	Action of double stress on Photosystem 2	Photosynthesis	Southern, S4	Aula (level -1)
P-512	ASZTALOS,Emese	Field instrument for determination of the photosynthetic capacity of intact photosynthetic bacteria	Photosynthesis	Southern, S4	Aula (level -1)
P-514	D HAENE,Sandrine	Role of carotenoid and aggregation in energy dissipation of IsiA from cyanobacteria	Photosynthesis	Southern, S4	Aula (level -1)
P-516	DI PAOLO,Gaia	Energy harvesting in photosynthetic antennas: structural and dynamical characterization of non-equivalent peridinin in different forms of the Peridinin-Chlorophyll-Protein	Photosynthesis	Southern, S4	Aula (level -1)
P-518	HAJDU,Kata	Porous silicon/photosynthetic reaction center hybrid nanostructure	Photosynthesis	Southern, S4	Aula (level -1)
P-519	HIDEG,Éva	Effects of singlet oxygen elicitors on plant leaves - are these all caused by ROS?	Photosynthesis	Southern, S4	Aula (level -1)
P-521	ILIOAIA,Cristian	Fluorescence dynamics of plant light harvesting complexes studied by single molecule spectroscopy	Photosynthesis	Southern, S4	Aula (level -1)
P-522	JOSHI,Jidnyasa	Characterization of the light harvesting antenna system in the diatom <i>Phaeodactylum tricornutum</i>	Photosynthesis	Southern, S4	Aula (level -1)
P-524	KIS,Mariann	Ontogenesis of photosynthetic bacteria tracked by absorption and fluorescence kinetics	Photosynthesis	Southern, S4	Aula (level -1)
P-525	LAMBREV,Petar	Functional domain size of the plant light-harvesting antenna in native membranes and artificial aggregates	Photosynthesis	Southern, S4	Aula (level -1)
P-526	MAGYAR,Melinda	Photosynthetic reaction center/carbon nanotube hybrid nanostructures	Photosynthesis	Southern, S4	Aula (level -1)
P-528	MILOSLAVINA,Yuliya	Anisotropic Circular Dichroism Signatures of Oriented Thylakoid Membranes and Lamellar Aggregates of LHCII	Photosynthesis	Southern, S4	Aula (level -1)
P-529	NAGY,László	Conformation changes after primary charge separation in photosynthetic reaction centers	Photosynthesis	Southern, S4	Aula (level -1)
P-531	STURGIS,James	Tuning function in bacterial light-harvesting complexes	Photosynthesis	Southern, S4	Aula (level -1)
P-532	SZABÓ,Tibor	Interaction between photosynthetic reaction centers and ITO	Photosynthesis	Southern, S4	Aula (level -1)
P-533	TÓTH,Tünde	The supramolecular organization of photosystem II in vivo studied by circular dichroism spectroscopy	Photosynthesis	Southern, S4	Aula (level -1)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-535	VITÁNYI,Beáta	Photobiology in the soil: arrested chlorophyll biosynthesis in pea epicotyl sections	Photosynthesis	Southern, S4	Aula (level -1)
P-539	BRYL,Krzysztof	Proton pumping activity of purple and brown membranes regenerated with retinal analogues	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-540	CORDAS,Cristina	Electrochemical Behaviour of Dps - a Mini-Ferritin	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-541	DOLIDZE,Tinatin	Myoglobin at Au/SAM junctions: temperature, high pressure and solvent kinetic isotope effects	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-542	FRESE,Daniel	Proton gradients across pore spanning membranes: towards on-chip energy conversion	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-543	FARKAS,Péter	Application of the Gibbs free energy profiles to sequential biochemical reactions	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-546	NUCCIO,Laura	Studying electron transfer in oligopeptides through muSR	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-547	ONIDAS,Delphine	Involvement of histidine in electron and proton transfer in bacterial photosynthetic reaction center	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-550	SOUSA,Marta	Functional and structural characterization of cytochrome c6-like from a nonphotosynthetic organism	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-551	SANTOLINI,Jérôme	The no-synthase paradox	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-554	STANIC,Marina	Anoxia induces increased activity of alternative oxidase in fungus <i>Phycomyces blakesleeanus</i>	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-555	TRCHOUNIAN,Karen	Influence of <i>Escherichia coli</i> F0F1-ATPase on hydrogenase activity during glycerol fermentation	Electron and proton transfer, bioenergetics	Southern, S5	Corridor (level 0)
P-560	BÁLINT,Zoltán	Endothelial cells involved in chronic thromboembolic pulmonary hypertension have altered calcium homeostasis	Ion channels and disease	Southern, S5	Corridor (level 0)
P-561	BARBIERI,Raffaella	Identification of an intramolecular disulphide bond in the Na-channel beta1-subunit	Ion channels and disease	Southern, S5	Corridor (level 0)
P-564	CARVALHO,Ana Carolina	LQTS acquired by pentavalent antimony treatment in guinea pigs	Ion channels and disease	Southern, S5	Corridor (level 0)
P-566	MAROCOLO,Moacir	Exercise does not prevent cardiac autonomic dysfunction in rats treated with anabolic steroids	Ion channels and disease	Southern, S5	Corridor (level 0)
P-567	MACIANSKIENE,Regina	Mg <sup>2+</sup> -inhibitable TRPM7-like cation current in human atrial myocytes	Ion channels and disease	Southern, S5	Corridor (level 0)
P-569	PETHŐ,Zoltán Dénes	Effect of ion channel blockers on T-lymphocytes stimulated with anti-CD3 and anti-CD28	Ion channels and disease	Southern, S5	Corridor (level 0)
P-571	SHYIAN,Maksym	Quantitative NaPi2b transporter expression in different histomorphological types of ovarian cancer	Ion channels and disease	Southern, S5	Corridor (level 0)
P-574	BENEDETTO,Antonio	Protein Dynamical Transition and Resolution Effects on Mean Square Displacement in Lysozyme Systems	New and notable	Southern, S6	Corridor (level 0)
P-575	BERNASINSKA,Joanna	DNA damage in breast cancer cells treated with combination of quercetin and anticancer drugs	New and notable	Southern, S6	Corridor (level 0)
P-576	BÓKKON,István	Non-ionizing Electromagnetic-Own-Signal-Treatment	New and notable	Southern, S6	Corridor (level 0)
P-577	BOZIC,Bojan	Macroscopic properties of phospholipid vesicles with domains in phase-separated membranes	New and notable	Southern, S6	Corridor (level 0)
P-579	GOZEN,Irep	Fractal avalanche ruptures in biological membranes	New and notable	Southern, S6	Corridor (level 0)
P-581	HOBÍ,Nina	Living at the edge: volume 2 The conduction system of interfacial forces into the alveolar type II cell	New and notable	Southern, S6	Corridor (level 0)



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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-583	KAMASA,Pawel	DSC Characterization of Protein Aqueous Solutions	New and notable	Southern, S6	Corridor (level 0)
P-584	BHATTACHARJEE,Sagarika	Finite element approach to understand self gravitational bio in embryological compact mass	New and notable	Southern, S6	Corridor (level 0)
P-586	MIKE,Agnes	Synthetic small molecules with cardiomyogenic effects on stem and progenitor cells	New and notable	Southern, S6	Corridor (level 0)
P-587	OPIELOK,Stephan	Elements and relations of a Life Theory (LT)	New and notable	Southern, S6	Corridor (level 0)
P-593	AFONIN,Sergii	Lipid composition is the dominant factor that determines the orientational states of membrane-bound antimicrobial peptides	Membrane structure	Southern, S6	Corridor (level 0)
P-597	ARRAIS,Dalila	Phospholipid/cholesterol binary mixtures: polarity variations with composition and temperature	Membrane structure	Southern, S6	Corridor (level 0)
P-599	BEEERLINK,André	Hard X-Ray Phase Contrast Imaging of Black Lipid Membranes	Membrane structure	Southern, S6	Corridor (level 0)
P-600	BONARSKA-KUJAWA,Dorota	Interaction between chorogenic acid and erythrocyte membrane	Membrane structure	Southern, S6	Corridor (level 0)
P-601	BÖRNER,Richard	Giant unilamellar vesicle (GUV) as model system in advanced 3d orientation determination	Membrane structure	Southern, S6	Corridor (level 0)
P-603	CYBORAN,Sylvia	Biological activity of strawberry leaf extract	Membrane structure	Southern, S6	Corridor (level 0)
P-604	FALLER,Roland	What is the difference between a free and a supported bilayer?	Membrane structure	Southern, S6	Corridor (level 0)
P-605	FUNARI,Sergio S	Lipid-soluble hydroquinone modifications induced on membranes	Membrane structure	Southern, S6	Corridor (level 0)
P-606	FUTÓ,Kinga	The role of the I-BAR domain in the filopodia formation	Membrane structure	Southern, S6	Corridor (level 0)
P-607	HENRIQUES,Vera	Phase transitions and spatially-ordered counterion dissociation: a statistical model	Membrane structure	Southern, S6	Corridor (level 0)
P-609	IBARGUREN,Maitane	Modulation of membrane fluidity by 2-hydroxylated fatty acid derivatives	Membrane structure	Southern, S6	Corridor (level 0)
P-610	IZADI-PRUNEYRE,Nadia	Transmembrane signalling through a heme/hemophore receptor, HasR.	Membrane structure	Southern, S6	Corridor (level 0)
P-612	KASHIWADA,Ayumi	Target-Selective Membrane Fusion with Endosomal-pH-Responsiveness	Membrane structure	Southern, S6	Corridor (level 0)
P-613	BROECKER,Jana	Complete and reversible chemical denaturation of an alpha-helical membrane protein	Membrane structure	Southern, S6	Corridor (level 0)
P-614	KHALID,Syma	Simple cell, complex envelope: modeling the heterogeneous membranes of <i>E. coli</i>	Membrane structure	Southern, S6	Corridor (level 0)
P-615	KLESZCZYNSKA,Halina	Interaction between buckwheat extract and erythrocyte membrane	Membrane structure	Southern, S6	Corridor (level 0)
P-616	KUBYSHKIN,Vladimir	Re-alignment of the antimicrobial peptide gramicidin S in lipid membranes: probing different sites of the molecule	Membrane structure	Southern, S6	Corridor (level 0)
P-618	BONNAFOUS,Pierre	Viral membrane fusion inhibited by beta-propiolactone treatment	Membrane structure	Southern, S6	Corridor (level 0)
P-619	LAMY,M Teresa	Light Scattering Detects Large Vesicle Deformations along the Anomalous Gel-Fluid Transition of DMPG	Membrane structure	Southern, S6	Corridor (level 0)
P-620	LARSEN,Jannik	Synergy between membrane-curvature and liquid ordered phase-state effectively sorts amphiphilic protein-anchoring motifs	Membrane structure	Southern, S6	Corridor (level 0)
P-621	LOPEZ,David	Minerval and other 2-hydroxylated fatty acid derivatives induce the formation of non-lamellar lipid structures	Membrane structure	Southern, S6	Corridor (level 0)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-623	MANUEL,Miguel	Steady-state and time-resolved fluorescence study of pyrenyl probes' excimer formation and quenching	Membrane structure	Southern, S6	Corridor (level 0)
P-625	MARTINS,Jorge	Combined steady-state and time-resolved excimer formation analysis in POPC/cholesterol bilayers	Membrane structure	Southern, S6	Corridor (level 0)
P-626	MAULA,Terhi	The effects of 2N- and 3O-methylation of sphingosine on the membrane properties of ceramide in mixed bilayers	Membrane structure	Southern, S6	Corridor (level 0)
P-628	WOZNIAK,Edyta	Cytotoxicity and interactions of $\omega$ -(alkyldimethylammonium)alkylaldonamide bromides with membranes	Membrane structure	Southern, S6	Corridor (level 0)
P-629	Nikolaus, Joerg	Direct visualization of large and protein-free hemifusion diaphragms	Membrane structure	Southern, S6	Corridor (level 0)
P-630	NOBRE,Catarina	Concentration effects of trehalose in the equivalent polarity of fluid POPC bilayers	Membrane structure	Southern, S6	Corridor (level 0)
P-633	PRUCHNIK,Hanna	Interaction between chlorogenic acid and model membranes	Membrane structure	Southern, S6	Corridor (level 0)
P-634	SAINT-MARTIN,Humberto	Networking of sterols in lipid bilayers	Membrane structure	Southern, S6	Corridor (level 0)
P-635	SANDERSON,John	Acyl Transfer From Lipids Without Enzyme Catalysis: A New Paradigm For Membrane Protein Ageing?	Membrane structure	Southern, S6	Corridor (level 0)
P-636	SCHWIEGER,Christian	Interaction of Poly(L-arginine) with Negatively Charged Bilayers studied by FT-IR Spectroscopy	Membrane structure	Southern, S6	Corridor (level 0)
P-637	SEBASTIANI,Federica	Neutron scattering studies of model membrane as a function of hydration and temperature	Membrane structure	Southern, S6	Corridor (level 0)
P-640	TAKÁTS-NYESTE,Annamária	The rupture of membrane vesicles near solid surfaces	Membrane structure	Southern, S6	Corridor (level 0)
P-641	VOSZKA,István	Liposomal delivery of antituberculotics	Membrane structure	Southern, S6	Corridor (level 0)
P-643	WESOLOWSKA,Olga	Direct observation of the effect of plant polyphenols on lipid domains in giant unilamellar vesicles	Membrane structure	Southern, S6	Corridor (level 0)
P-644	ZHUKOVSKY,Mikhail	Putative cholesterol recognition amino acid consensus (CRAC) motif in HIV coreceptors CXCR4 and CCR5	Membrane structure	Southern, S6	Corridor (level 0)
P-646	BOKOR,Mónika	Multinuclear NMR in Buffered Aqueous Solutions of $\alpha$ -synuclein mutants	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-647	CHENAL,Alexandre	Calcium-induced structural, hydration and valence changes of intrinsically disordered RTX proteins	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-648	DENG,Manli	C-terminal Conformation Changes of alpha-Synuclein upon AI-Induced Oligomerization	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-650	FISCHER,Jennifer	Using Neutron Scattering to Investigate Unfolded Intermediates of Ribonuclease A	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-652	SUTTO,Ludovico; SALADINO,Giorgio	Understanding the plasticity of c-Src tyrosine kinase through very long molecular dynamics simulations and experimentally-validated free energy calculations.	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-654	FIEDLER,Sebastian	Protein unfolding and refolding by multidimensional spectroscopy	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-655	KHOROSHYY,Petro	Kinetic effect of Hofmeister ions on the photocycle of photoactive yellow protein	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-658	ORGOVAN,Norbert	A model with two elastically coupled reaction coordinates for the internal friction of proteins	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-660	ROCHE,Julien	Differential hydration, void volume: which factor provides the main contribution to $\Delta V_u$ ?	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-663	SOMKUTI,Judit	Comparison of the pressure- and temperature-dependent behavior of the ordered and disordered regions of titin	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)

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P-664	TRETYAKOVA,Tatyana	Impact of variable DMSO additives on the catalytic and calorimetric performance of $\alpha$ -chymotrypsin	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-666	VEREBÉLYI,Tamás	Interfacial Water in $\beta$ -casein molecular surfaces: Wide-line NMR, Relaxation and DSC Characterization	Conformational dynamics, folding and IDP	Southern, S6	Corridor (level 0)
P-669	HORJ,Elena	Isotopic dilution mass spectrometric transmembranar transport study of amino acids in human erythrocytes	Systemic and collective behavioural aspects in biology	Southern, S6	Corridor (level 0)
P-670	KOTB,Metwally	Logic Estimation of the Optimum Source Neutron Energy for BNCT of Brain Tumors	Systemic and collective behavioural aspects in biology	Southern, S6	Corridor (level 0)
P-671	MADAS,Balázs	Simulation of mutation induction by inhaled radon progenies in the bronchial epithelium	Systemic and collective behavioural aspects in biology	Southern, S6	Corridor (level 0)
P-672	MARTIN,Daniele	On future approaches to biophysics	Systemic and collective behavioural aspects in biology	Southern, S6	Corridor (level 0)
P-681	ORTMANN,Uwe	Single Molecule Microscopy: From Nanodiamonds to Nanomanipulation	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-682	BLEHA,Tomas	Simulation of chain extension of folded and unfolded DNA molecules in nanochannels	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-683	BEHME,Gerd	NanoTracker: Force-Sensing Optical Tweezers for Quantitative Single-Molecule Nanomanipulation	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-687	GOLLNICK,Benjamin	Towards a single-molecule study of the AddAB helicase-nuclease with Optical Tweezers	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-689	HATZAKIS,Nikos	A discrete number of activity states constitute an efficient mechanism to regulate enzymatic activity	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-690	KALIASNIOVA,Katsiaryna	Proteomic identification of nucleoside diphosphate kinase as a novel cGMP-binding protein in Arabidopsis	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-691	KHABATOVA,Venera	Surface enhanced Raman spectroscopy for in vivo studies of erythrocytes	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-692	KOBITSKI,Andrei	Single-Molecule FRET Study of RNA Free Energy Landscape: Cooperative Effects of Nucleotide Modifications and Cations	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-693	KOZONO,Haruo	Brownian motions of peptide/MHC complex define the activation of T cells	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-694	KUSTERS,Ilja	Quaternary structure of SecA in solution and bound to SecYEG probed at the single molecule level	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-695	LEE,Dominic	Helix specific electrostatic effects in DNA braiding and supercoiling	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-696	LIPPOK,Svenja	Binding and conformational changes of VWF under shear	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-697	MIKULSKA,Karolina	Nanomechanics of neural junction - stretching FNIII domains of human contactins	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-699	NIR,Eyal	Building and Visualizing DNA-Motors Using Single-Molecule Fluorescence Spectroscopy	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-700	PERRONET,Karen	Translation by a single eukaryotic ribosome	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-701	PIPPIG,Diana	Single Molecule Cut and Paste for Protein Based Functional Assembly	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-703	GONÇALVES,Sónia	Force spectroscopy characterization of fibrinogen-erythrocyte binding and its conditioning by aging	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-704	SCORCIAPINO,Mariano	Structure-function investigation of a novel dendrimeric and lipidated antimicrobial peptide	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-705	SEIDEL,Henning	Coronavirus nsp7-nsp8 complex formation	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)

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Poster number	Presenting author	Title of poster	Topical session	Building/poster area	Location of the poster
P-706	SEKIGUCHI,Hiroshi	Torsional Motion Analysis of Group II Chaperonin Using Diffracted X-ray Tracking	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-707	SHAMMAS,Sarah	Single molecule fluorescence measurements of soluble tau oligomers	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-708	SIMON,Marek	Histone fold modifications control nucleosome unwrapping and disassembly	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-709	SIMON,Melinda	Nanomechanical manipulation of Mason-Pfizer monkey retroviral RNA fragment with optical tweezers	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-710	STEYAERT,Jan	Structural investigation of GPCR transmembrane signaling by use of Nanobodies	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-713	WILMES,Stephan	Dynamics of the Type I interferon receptor assembly in the plasma membrane	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-716	ZIJLSTRA,Niels	Establishing the composition of alpha-synuclein oligomers using single-molecule photobleaching	Single molecule biophysics	Southern, S7	Foyer of Bolyai Hall (level 0)
P-717	ANTONINI,Valeria	Directly assessment of drug release dynamics from gold nanoparticles	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-720	BARTOSZ,Grzegorz	Effect of non-modified and Fenton-modified nanodiamond powder on human endothelial cells	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-721	BAUER,Christian	Time-resolved FTIR difference spectroscopy of bacteriorhodopsin under vibrational control	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-722	BOZÓ,Tamás	Structural stability of surface-adsorbed liposomes	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-724	BÚZÁS,András	Micro-viscosimeter generated and manipulated by light	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-725	CORVAGLIA, Stefania	Shaping substrates at the nanoscale for single cell characterization	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-726	FEKETE,Zoltán	Mechanical characterisation of hollow silicon microprobes fabricated by Deep Reactive Ion Etching	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-729	HARTMANN,Raimo	Cell labeling efficiency of oppositely charged magnetic iron oxide nanoparticles - a comparative study	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-731	HELMS,Gesa	Probing biomass-chromatographic bead interactions by AFM force spectroscopy	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-733	IANESELLI,Luca	Selective Bio-Functionalization of Electrodes inside Micro and Nano Fluidic Channels	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-734	KELEMEN,Lóránd	Microtools made by two-photon polymerization for optical tweezers systems used in biological manipulation experiments	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-735	ZHAU,Haiyen	Sequential multiplexed quantum dot labeling to profile pathway-associated protein expression of advanced human prostate cancer	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-736	KULKARNI,Chandrashekhar	Self Assembled Lipid Nanostructures in Aligned Carbon Nanotubes	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-738	MÁRTON,Gergely	Neural signal recordings with a novel multisite silicon probe	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-739	MATHESZ,Anna	Protein-based integrated optical sensor device	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-740	MOGHIMI,Seyed Moein	Nanobody-tagged polyplexes for transcriptional targeting of a lethal transgene and cancer cell killing	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-741	PANCHUK,Rostyslav	Structure-function relationships underlying anticancer activity of novel 4-thiazolidones	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-742	PARAKHONSKIY,Bogdan	Porous vaterite particles as drug delivery system: synthesis, encapsulation, and controlled release	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)

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P-743	PATKO, Daniel	Label free biosensing using Grating Coupled Interferometry	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-744	PAVLIN,Mojca	Analysis of magnetophoretic mobility of magnetic nanoparticles in magnetic field	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-746	ROTHER, Jan	Enhanced stimulation of Toll-like receptor 9 via immunostimulatory nanoparticles	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-747	SEMENOVA,Anna	Silver sol preparation history and effectiveness of SERS diagnostics of intact red blood cells	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-748	SIMSÍKOVÁ,Michaela	Conjugation of zinc oxide nanoparticles with cytochrome C	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-749	SINGH, Pratik	Permeation through nanochannels: Revealing fast kinetics	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-750	STOIKA,Rostyslav	Bio-applications of novel functionalized nanosized carriers	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-751	TREUSSART, François	Fluorescent nanodiamonds as cargo for siRNA delivery to Ewing sarcoma cells	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-753	VOLKOVOVA, Katarina	Alterations of Immune Response of Lymphocytes Exposed to PLGA and TiO2 Nanoparticles in vitro	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-754	WAGNER,Zsolt	Using amino functionalized ORMOSIL nanoparticles as a non-viral DNA vector	Micro and nanotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-755	BAREITH, Bernadett	In vivo amperometric cells for detection of fast diffusing, physiologically important small molecules	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-757	CHUNG,Leland	Capture of circulating tumor cells with a highly efficient nanostructured silicon substrates with integrated chaotic micromixers	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-759	EVENOU, Fanny	An original microfabricated cell culture substrate for cell-based assays	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-760	DER,Andras	Subpicosecond all-optical switching by the protein bacteriorhodopsin	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-761	FILONENKO,Valeriy	SEREX-derived antigens for detection of breast cancer serum autoantibody profile	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-765	ILINA,Inna	Femtosecond laser assisted microsurgery of mammalian cells for medical and biotechnology applications	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-766	KANDUSER,Masa	New insights into mechanisms of electric field mediated gene delivery	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-767	LAZAR,Iuliana	Gentamicin interaction with B16F10 cell membrane studied by dielectrophoresis	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-768	LELU,Sylvie	PEGylation increases mobility of chitosan-DNA delivery systems in artificial extracellular matrices	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-772	RAHBARIZADEH,Fatemeh	Gene delivery targeted to the TAG72 overexpressing tumour cells using an nanobody-conjugated polyethyleneglycol-modified polyamidoamine dendrimer	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-773	RASHID,Rafi	Macromolecular crowders and stem cell differentiation	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-775	STRANCAR,Janez	Inspecting laccase action through radical generation	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-776	STRIKHA,Oksana	The effect of ovary hormone stimulation on mouse oocyte and early embryo electric conductivity	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)
P-778	VONDERVISZT,Ferenc	Development of a xylanase A variant capable of forming filamentous assemblies	Bioengineering & biotechnology	Southern, S7	Foyer of Bolyai Hall (level 0)