

Poster session B

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	B03	Pennathur	Sumita	Univeristy of California	US	Analysis of protein kinetics using a novel nanofluidic-based platform	5	53
	B04	Meister	André	CSEM	CH	Parallel atomic force microscopy platform for multiple cell analysis and manipulation	7	61
	B05	Mcllvenna	David	University of Glasgow	UK	Raman activated single bacteria continuous sorting	9	62
	B06	Glaied	Olfa	University of Applied Sciences and Art Muttenz	CH	Biomimimetic membranes designed from supported triblock copolymers and Aquaporins as new materials for environmental applications	11	83
	B07	Mamaplilil	Dileep	MESA+, University of Twente	NL	Controlling molecular adsorption in nanofluidic electrochemical sensors	13	81
	B08	Martschinke	Carina	Technische Universität Darmstadt	DE	Nanoscale Nickelboride – making Ni3B Biocompatible	15	86
	B09	Ruffert	Christine	EPFL Lausanne	CH	On-chip Magnetic Immunoassay for the Detection of LPS-induced pro-inflammatory IL-6 Cytokines in Human Immune Cells	17	65
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	B11	Legant	Alexander	Nanoscribe	DE	Nanoscribe's 3D-Direct laser writing for the use in Nanobiotechnology	21	20
	B12	Dermutz	Harald	ETH Zurich	CH	Chemical stimulation of single cells – a new approach	23	70
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	B14	Bhattaharjee	Sourav	MESA+, University of Twente	NL	Surface chemistry as an important factor determining toxicity and cellular uptake of polymeric nanoparticles	27	73
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	B18	Fiddin	Mark S.	University of Southampton	UK	Cell-free expression and electrophysiological measurements of the KcsA channel with interdroplet bilayers	35	58
	B19	Accastelli	Enrico	EPFL Lausanne	CH	Characterization of Silicon Nanoribbons	37	75
	B20	Abi-Samar	Kameel	Ulsan National Institute of Science and Technology	KR	A novel technique for the sequential pumping of fluids on centrifugal microfluidic platforms	39	52
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	B22	Harink	Björn	MESA+, University of Twente	NL	Microfluidic Platform for Combinatorial Biochemistry and Biomaterials Research	43	50
	B23	Mohammed	Mazher	University of Edinburgh	UK	Detection of troponin I cardiac biomarker within a CO2 laser machined autonomous polymeric microfluidic device with integrated fluorescence detection system	45	10
	B24	Dörig	Pablo	ETH Zurich	CH	Manipulation of single cells and colloids with FluidFM	47	15
	B25	Bianchi	Elena	Politecnico di Milano	IT	PCR in a Microfluidic Thermocycler: Numerical Simulations of the Electroosmotic Activation	49	71