

Poster session 1: Monday, June 27, 2016 (17:10 – 19:10)

P1-1	Selective and sensitive detection of tetrabromobisphenol-A in water samples by molecularly imprinted electrochemical sensor T. Zhou, Y. Feng, L. Zhou, Y. Zhou, S. Mei
P1-2	Preparation of molecularly imprinted polymeric fibers using a single bi-functional monomer for the solid-phase microextraction of parabens from environmental solid samples M. Díaz-Álvarez, S.P. Smith, D.A. Spivak, A. Martín-Estebana
P1-3	Molecularly imprinted polymer-coated hollow fiber membrane for the microextraction of triazines from environmental waters F. Barahona, M. Díaz-Álvarez, E. Turiel, A. Martín-Esteban
P1-4	Nature-inspired molecularly imprinted polymer on nanostructured porous silicon for optical sensing applications E. Mazzotta, A. Turco, C. Malitesta, L.M. Strambini, G. Barillaro
P1-5	Sulfated polysaccharides crosslinked with a sol-gel network as imprinting supports for metal cations V. Ferreira, A. Bustamante, A.C. Pinto, C. Pereira, M. Azenha
P1-6	Synthesis and characterization of MIPs for the capture of the malodourous compound skatole K. Verplanken, G. De Middeleer, P. Dubruel, S. De Saeger, L. Vanhaecke
P1-7	Ultrasound assisted-MIP HPLC method for quantification of quercetin from prickly pear skins V.E. Pakade, E.D Molefe, N.T. Tavengwa
P1-8	Forced degradation studies of quercetin in the presence of polymers: the effect of pH, time and temperature V.E. Pakade, M. Lesaoana, N.T. Tavengwa
P1-9	Novel functional monomers for the selective recognition of sulfonylurea drugs F. Pessagno, A.N. Hasanah, R.E. Kartasasmita, S. Ibrahim, P. Manesiotis
P1-10	Selective capture of circulating tumour cells using molecular imprinting techniques A. Bole, P. Manesiotis
P1-11	Preparation of molecularly imprinted polypyrrole modified gold electrode for determination of tyrosine N. Ermiş, N. Tinkiliç
P1-12	Use of molecularly imprinted polymeric pills to concentrate metallic ions for laser – induced breakdown spectroscopy determination for the early detection of engines degradation M. Paredes-Ramos, B. Cabo-Rodríguez, R. Cerrato, A. Casal, J.M. López-Vilariño
P1-13	Computational approximations of molecular imprinting polymers with sulphur – based novel templates for biological applications I. Rodríguez-González, F. Bates, M. Paredes-Ramos, J.M. López-Vilariño
P1-14	Preparation and application of diclofenac imprinted polymer beads with selectivity in aqueous solution T. Zhou, T. Kamra, L. Ye
P1-15	Molecularly imprinted polymers for enzymes K.J. Jetzschmann, A. Yarman, L. Peng, V. Urlacher, H. Dobbek, R.E. Gyurcsányi, A. Fischer, U. Wollenberger, F. W. Scheller
P1-16	Evaluation of template effects in molecularly imprinted microspheres K. Fremielle Lim, J. Scanlon, J. Velich, M. C. Bowyer, C. I. Holdsworth
P1-17	Robust molecularly imprinted polymers thin-films for selective extraction of trace concentrations of thiophene compounds in water H.Y. Hijazi, C.S. Bottaro

P1-18	Molecular imprinting of gallic acid: from conventional to new approaches T.-V. Iordache, A.-M. Florea, A. Sarbu, H. Brisset
P1-19	New insights on the obtaining of molecularly imprinted pearls by phase inversion method using pure hypericin vs. "phyto-template" T.-V. Iordache, A.-M. Florea, A. Sarbu, H. Brisset
P1-20	Preconcentration of indapamide from human urine using molecularly imprinted solid-phase extraction H. Yilmaz, H. Basan
P1-21	Development of a phosphorescence sensor based on surface molecularly imprinted Mn-doped ZnS quantum dots for selective recognition of melamine H. Yilmaz, N. Ertaş, H. Basan
P1-22	Microcontact imprinting based capacitive biosensors for real-time protease detection/quantification G. Ertürk, D. Berillo, M. Hedström, B. Mattiasson
P1-23	MIP loaded porous scaffolds as SPE sorbent for ergot alkaloid analysis G. De Middeleer, P. Dubruel, S. De Saeger
P1-24	A new look at MIP isotherms and titrations Z. Dorkó, A. Szakolczai, B. Tamás, T. Verbić, G. Horvai
P1-25	Separation of hyaluronan from fish eye using molecularly imprinted polymers Ö.B. Ünlüer, R. Say, A. Ersöz
P1-26	Molecularly imprinted polymer films with increased surface for the determination of macromolecular compounds Z. Iskierko, P.S. Sharma, D. Prochowicz, K. Fronc, F. D'Souza, K. Noworyta
P1-27	Electrochemical MIP sensors based on graphene-modified electrodes for selective beta-agonist detection D. Dechtrirat, B. Sookcharoenpinyo, P. Prajongtat, C. Sriprachubwong, A. Tuantranont, S. Hannongbua
P1-28	Designed functional monomers for providing desired selectivity in molecular imprinting P.S. Sharma, A. Wojnarowicz, M. Sosnowska, F. D'Souza, W. Kutner
P1-29	Effect of crosslinkers composition on chiral selectivity in gate effect and bindability of MIP Y. Kogure, N. Ishii, Y. Yoshimi
P1-30	Heparin-imprinted nanoparticles with size that is sensitive to specific binding with the template D. Oino, Y. Yoshimi, E. Moczko, S. Piletsky
P1-31	Design of reagentless serotonin sensor using an electrode grafted with electrochemically active molecularly imprinted polymer K. Yamaguchi, Y. Yoshimi
P1-32	Preparation of molecularly imprinted polymer and its application as solid-phase extraction sorbent for determination of tetrabromobisphenol-A in water samples F. Zhou, Y. Wang, T. Jing, K. Huang, B. Li, Y. Zhou
P1-33	Sandwich CLEIA using molecularly imprinted polymer as the capture antibody to detect endotoxin in water and urine C. Liu, B. Lu
P1-34	Competitive binding isotherms for a molecularly imprinted polymer C. Baggiani, S. Dileo, C. Giovannoli, G. Spano, L. Anfossi
P1-35	Binding properties of template-enzyme conjugates to imprinted surfaces and bulk materials G. Spano, S. Cavalera, C. Giovannoli, L. Anfossi, F. Di Nardo, C. Baggiani
P1-36	A hierarchical approach as new strategy for molecular imprinting of biomacromolecules C. Giovannoli, G. Spano, L. Anfossi, C. Baggiani
P1-37	Imprinting of copper (II) ions with N-[di(pyridin-2-yl)methyl]allylamine as novel complexing functional monomer G. Spano, G. Volpi, C. Giovannoli, M. Malandrino, L. Anfossi, C. Baggiani

P1-38	Molecularly imprinted mesoporous materials coupled with mass spectrometry for proteomics analysis R. Xing, Z. Liu
P1-39	Coupling of molecularly imprinted polymers with surface-assisted laser desorption/ionization mass spectrometry for highly efficient detecting targets in complex biosamples H. He, Z. Liu
P1-40	Bio-inspired virus imprinted polymer for prevention of viral infections Y. Wan, F. Liu, N. Li, H. Ma, C. Liu, G. Yao, H. Yu, J. Kang, Z. Chen, X. Shen, B. Lu
P1-41	Biomimicking of lipase between clay nanogalleries by molecular imprinting technology R. Keçili, Ş. Eser, A. Ersöz, R. Say
P1-42	Modified molecularly imprinted-acetylcholinesterase inhibition assay for trace acephate analysis in vegetables H. Ma, Y. Wan, C. Liu, Z. Chen, X. Shen, B. Lu
P1-43	Design and synthesis of organic functional material for specific recognition and adsorption of gossypol K. Zhi, X. Zhang, Y. Zhang, L. Wang, J. Yao
P1-44	Site-specific recognition of IgG by using mannose imprinted polymers U. Çelikoğlu, R. Keçili, D. Hür, A. Ersöz, R. Say
P1-45	Stoichiometric molecularly imprinted polymers targeting carboxylate, phosphate or sulphate groups N. Leibl, E. Prost, S. Nestora, M. Panagiotopoulou, F. Bokeloh, B. Tse Sum Bui, K. Haupt, L. Duma
P1-46	Characterization of human hemoglobin-imprinted polymer beads K. Zhang, T. Zhou, L. Ye, L. Bülow
P1-47	Molecularly imprinted polymers synthesized using functionalized structured silicas as a hard templates M. Kujawska, A. Kiersnowski, A.W. Trochimczuk
P1-48	Relation between the internal structure and the gate effect of molecularly imprinted self-supporting membrane Y. Yoshimi, K. Iwami
P1-49	Electrosynthesized molecularly imprinted polymers for transferrin recognition X Zhang, A. Yarman, K.J. Jetzschmann, U. Wollenberger, F.W. Scheller
P1-50	Cortisol-imprinted thin layer comprised of multiple interaction sites for competitive binding assay with a fluorescent competitor N. Suda, H. Sunayama, Y. Kitayama, T. Takeuchi
P1-51	Monodispersed submillimeter-sized molecularly imprinted microgels selective for human serum albumin K. Takimoto, Y. Kitayama, T. Takeuchi
P1-52	Molecular imprinting based quartz crystal microbalance (QCM) sensors for mercury detection S. Hüseyinli, G. Baydemir, A. Derazshamshir, F. Yılmaz, A. Denizli
P1-53	Hybrid imprinted membranes as tools for selective recognition of quercetin I. Iben Nasser, C. Algieri, A. Garofalo, E. Drioli, C. Ahmed, L. Donato
P1-54	A surface molecularly imprinted polymer prepared by using 1-allyl-3-vinylimidazolium chloride as functional monomer for solid extraction of sulfamonomethoxine G. Zhu, W. Yu, L. Wang, P. Wang, J. Fan
P1-55	An AB initio computational and conformational analysis of molecularly imprinted polymer for specific uptake of creatinine Q.Y. Ang, S.C. Low
P1-56	Stoichiometric molecularly imprinted polymers for the recognition of thyroxin in biological fluids A.N. Hasanah, F. Pessagno, A. O'Brien, P. Manesiotis
P1-57	Determination of diethylstilbestrol in seawater by molecularly imprinted solid-phase extraction coupled with high-performance liquid chromatography X. He, X. Mei, J. Wang, Z. Lian, L. Tan, W. Wu

P1-58	Selective removal of lead from PCB recycling unit wastewater by using chitosan based ion imprinted interpenetrating polymer network P.E. Hande, P.S. Kulkarni
P1-59	Microcontact imprinting based capacitive biosensor for the detection of <i>Escherichia coli</i> N. Idil, M. Hedström, B. Mattiasson
P1-60	Biosensor-based selection of functional monomers for designing phosmet MIPs usable in olive oil analysis N. Aftim, G. Istamboulié, C. Calas-Blanchard, E. Pilestka, S. Piletsky, T. Noguier
P1-61	A diagnostic tool for detection of brain fever by epitope-imprinted piezoelectric device N. Gupta, K. Shah, R. Prasad, M. Singh
P1-62	Fabrication, characterization and application of molecularly imprinted Au-nanoparticle composite-functionalized EQCM sensor for L-serine A.K. Singh, M. Singh

Poster session 2: Wednesday, June 29, 2016 (17:10 – 19:10)

P2-1	Impedance measurements on immobilized MIP for chemical sensing A. Krozer, K. Fogel, A. Prieto-Astalan, C. Rusu
P2-2	Design and preparation of molecularly imprinted polymers for selective extraction of gallic acid S. Buyuktiryaki, R. Kecili, D. Hur, R. Say, A. Ersoz
P2-3	Different expression of glycans on leukemic cells - a screening with molecularly imprinted polymers targeting sialic acid Z. El-Schich, M. Abdullah, S. Shinde, N. Dizeyi, A. Rosén, B. Sellergren, A. Gjörlöf Wingren
P2-4	Protein imprinted core-shell nanoparticles prepared by immobilization of both template and initiator J. Erdőssy, E. Kassa, V. Horváth
P2-5	An epitope-imprinted piezoelectric sensor for <i>Neisseria meningitidis</i> detection N. Gupta, K. Shah, M. Singh
P2-6	Capillary electrophoresis screening of the binding affinity of molecularly imprinted nanoparticles L. Cenci, G. Musile, F. Tagliaro, A.M. Bossi
P2-7	Molecular non-imprinted and imprinted biocompatible polymers for its application in matrix solid-phase dispersion of natural extracts: Catechins preconcentration and purification for large-scale applications M. López-García, M.P. Canosa Rodríguez, C. Cela Pérez, J.L. López Vilariño
P2-8	Molecularly imprinted polymer film recognition unit for asymmetric dimethylarginine chemosensor V. Malyshev, F. D'Souza, K. Noworyta
P2-9	Template removal from protein-imprinted core-shell particles by digestion with proteinase K J. Erdőssy, E. Kassa, V. Horváth
P2-10	Glycidyl methacrylate as a versatile building block for molecular imprinting and functionalization Q. Li, L. Jiang, H. Bagán, T. Zhou, L. Ye
P2-11	Coffee terpenes: extraction and selection of functional monomers A. Oreški, F. Berti, C. Forzato, L. Navarini
P2-12	Solvent-free synthesis of molecularly imprinted polymers with highly ordered porosity via hard templating of dispersed fumed silica nanoparticles M. Duarte, J. Billing, E. Yilmaz
P2-13	Synthesis of p-coumaroylquinic acids and evaluation of functional monomers for a MIP based sensing element A. Gutiérrez, Á. Monteiro, M. Resmini, F. Berti, C. Forzato, L. Navarini
P2-14	Optimization of PHEMA based molecular imprinted hydrogels for drug loading capacity and releasing properties D. Dalgakiran, F.S. Güner
P2-15	Restorable and adaptable cell membrane mimics for sensing of pathogens and biomarkers S.Y. Yeung, A. Tenboll, B. Sellergren
P2-16	Design, synthesis and evaluation of functional monomers for detection of chlorogenic acids in coffee Á. Monteiro, A. Gutiérrez, F. Berti, C. Forzato, L. Navarini, M. Resmini
P2-17	Molecularly imprinted polymer sensors as an alternative to binding assays in risk assessment J. Settapani, P. Russell, S. Piletsky
P2-18	A molecularly and topographically tunable sensing platform S.Y. Yeung, V. Chaturverdi, B. Sellergren
P2-19	Computational investigation of stoichiometric effects, binding site heterogeneities, and selectivities of molecularly imprinted polymers J.J. Terracina, M. Bergkvist, S. Sharfstein, A. Chen

P2-20	Fluorescence sensing of proteins using surface plasmon excitation enhancing chips grafted by artificial polymeric receptors R. Matsuura, E. Takano, K. Tawa, Y. Kitayama, T. Takeuchi
P2-21	Post-imprinting modification on molecularly imprinted polymers for regulation of molecular binding activity H. Sunayama, T. Takeuchi
P2-22	Adaptable nanohybrid particles: a new platform for investigation of biomacromolecular imprinting L. Jiang, H. Bagan, T. Kamra, T. Zhou, L. Ye
P2-23	Preparation of immobilized templates for indole phytohormone imprinted polymers via homogenous synthesis T. Muhammad, L. Chen, B. Yakup
P2-24	MIPs targeting oxyanions: fundamentals to applications S. Shinde, C. Esen, B. Sellergren
P2-25	Synthesis, characterization, adsorption and selectivity studies of a multi-template molecularly imprinted polymer L.M. Madikizela, L. Chimuka
P2-26	Synthesis of high-affinity nicotine-imprinted polymer by highly excess usage of itaconic acid as functional monomer H. Nogami, Y. Nakahori, T. Murashima, J. Matsui
P2-27	Development of MIPs for the recognition of two urinary nucleoside cancer biomarkers A. Krstulja, G. Ayari, S. Lettieri, P. Favetta, A.J. Hall, L.A. Agrofoglio
P2-28	Screening of 5'-AMP analogs by MIP technology – thermodynamic aspects P. Kadhivel, G. Ayari, P. Favetta, L.A. Agrofoglio
P2-29	Molecularly imprinted polymer membrane for selective separation of camphor tar S. Ghasemi, A. Nematollahzadeh
P2-30	Development of assay and sensor technologies based on plastic antibodies T. Bedwell, M. Whitcombe, S. Piletsky, J. Wingfield
P2-31	Sensor based on molecularly imprinted polymers for in vivo quantification of free circulating sphingosine-1-phosphate, a biomarker in cutaneous melanoma M. Sahun, F. Bokeloh, S. Nestora, A. Fernandez, O. Llopis, B. Tse Sum Bui, K. Haupt, T. Levade, A. Cerf, N. Andrieu-Abadie
P2-32	Green production of affinity polymers for pharmaceutical purification R. Viveiros, W. Heggie, T. Casimiro
P2-33	MIPs coupled to quantum dots as tools for the detection of tumour angiogenesis in zebrafish A. Cecchini, V. Raffa, F. Canfarotta, G. Signore, S. Piletsky, M. MacDonald, A. Cuschieri
P2-34	Crosslinking density impacts on MIP-morphology and recognition K. Golker, I.A. Nicholls
P2-35	Enzyme-initiated free-radical polymerization of molecularly imprinted polymer nanogels on a solid phase with immobilized radical source M. Daoud Attieh, A. Falcimaigne-Cordin, K. Haupt
P2-36	A molecular simulation toolbox for enantiopure molecularly imprinted catalyst T. Jalink, T. Farrand, C. Herdes
P2-37	Supported liquid membrane-protected molecularly imprinted beads for the solid phase micro-extraction of triazines from environmental waters E. Turiel, M. Díaz-Álvarez, A. Martín-Esteban
P2-38	Molecularly imprinted core-shell magnetic nanoparticles for selective extraction of triazines in soil sample extracts M.J. Patiño-Roper, M. Díaz-Álvarez, A. Martín-Esteban
P2-39	Determination of telmisartan using molecularly imprinted solid-phase extraction spectrofluorimetric method from human urine H. Yilmaz, H. Basan

P2-40	Impact of the metal/ligand complex stoichiometry in the synthesis of ion imprinted polymers K. Laatikainen, T. Sihvonen, T. Sainio, G. Ndayambaje, B. Coulomb, V. Lenoble, L. Petrik, C. Branger
P2-41	Hierarchical imprinted polymers of aniline and aniline-formaldehyde in presence of surfactants for uranium removal T.E. Milja, H. Reethu, T.P. Rao
P2-42	Molecularly imprinted nanoparticles as chiral selectors in liquid chromatography R. Gutiérrez-Climente, A. Gómez-Caballero, A. Guerreiro, D. García-Mutio, S. Piletsky, M.A. Goicolea, R.J. Barrio
P2-43	Molecularly imprinted supermacroporous poly(hydroxyethyl-metacrylate) cryogel beads for protein A purification S. Asliyüce, B. Mattiasson, A. Denizli
P2-44	Solid-phase synthesis of molecularly imprinted polymer nanoparticles for nucleotides C.A. Mourão, S.M.A. Bueno, K. Haupt, B. Tse Sum Bui
P2-45	Molecularly imprinted electrochemical sensor for the point-of-care detection of a breast cancer biomarker (CA 15-3) J.P.G. Pacheco, M.S.V. Silva, M. Freitas, H.P.A. Nouws, C. Delerue-Matos
P2-46	Molecular imprinted cryogel layers on the surface of PLA-based films V. Korzhikov, E. Sinitsyna, M. Krylova, K. Monakova, T. Tennikova
P2-47	Synthesis and characterization of magnetic MIP modified with bovine serum albumin and polyethylene glycol - a new generation of restricted access MIP R.R. Pupin, G.C. Monteiro, M.I. Pividori, V.S. Bolzani, M.D.P.T. Sotomayor
P2-48	Synthesis of doxycycline imprinted multicomponent silicone hydrogels Z. Yilmaz, D. Dalgakiran, F.S. Guner
P2-49	Automatic reactor for the synthesis of MIP nanoparticles F. Canfarotta, A. Kinkaid, S. Piletsky
P2-50	Molecularly imprinted polymers with uniform porosity for capture of phosphopeptides by surface imprinting using fumed silica nanoparticles M. Duarte, E. Yilmaz
P2-51	MIP array prepared by transcription-type molecular imprinting T. Kuwata, A. Uchida, E. Takano, Y. Kitayama, T. Takeuchi
P2-52	Mesoporous molecularly imprinted polymer for label-free detection of a small analyte A.G. Ayankojo, V. Syritski, J. Reut, A. Öpik
P2-53	Molecular imprinting using horseradish peroxidase as monomer J. Czulak, A. Guerreiro, K. Metran, F. Canfarotta, A. Trochimczuk, S. Piletsky
P2-54	Controlled release of active agents from molecularly imprinted polymers in skin care formulations T. Volk, O. Brüggemann
P2-55	Enantioselective separation of phenylalanine using MIPs anchored coated alumina H. Khan, I. Hussain, A. Majeed
P2-56	Real-time study of adenosine-5' monophosphate adsorption with a Love wave sensor based on molecularly imprinted polymer N. Lebal, H. Hallil, V. Raimbault, J.L. Lachaud, A. Krstulja, R. Delépée, L. Agrofoglio, C. Dejous, D. Rebière
P2-57	Practical applications of nanoMIPs prepared by solid-phase imprinting A. Guerreiro, A. Gómez-Caballero, D. García-Mutio, M.A Goicolea, R.J. Barrio, S. Piletsky
P2-58	ScreenMIPs: a comprehensive informatics tool for the analysis of mass spectrometry data K.K. Jagadeesan, S. Ekström, T. Laurell
P2-59	Prostate specific antigen-imprinted film on SPR sensor surface by combining the microcontact imprinting method and the surface initiated photopolymerization A. Kidakova, V. Syritski, J. Reut, A. Öpik

P2-60	A novel system for production of polymer beads using microfluidic and microwave technologies D. Huckle, N. Clark, J. Cuenca, N. Inoue, J. Bowen, C. Allender, A. Porch, D. Barrow , J. Hall
P2-61	Molecularly imprinted polymers in diagnostics: automated analysis of a cancer biomarker C Rossetti, M. Świtnicka-Plak, T. Halvorsen, P.A.G. Cormack, B. Sellergren, L. Reubsaet