

LIST OF POSTER COMMUNICATIONS

Poster Session 1 (Monday, 9th, 6.00 pm): Posters P1- P30

Poster Session 2 (Tuesday, 10th, 6.00 pm): Posters P31 – P64

P1	Metallacrowns: Metallacrowns-based innovative materials and supramolecular devices <i>Matteo TEGONI, Elżbieta GUMIENNA-KONTECKA, Stéphane PETOUD, Talal MALLAH, Igor FRITSKY, Vincent L. PECORARO</i>
P2	Evidences for the biomedical applicability of supramolecular nano-capsules – structure and anticancer activity <i>Anife AHMEDOVA, Denitsa MOMEKOVA, Georgi MOMEKOV, Masahiro YAMASHINA, Michito YOSHIZAWA</i>
P3	Advances in Amino-Maltolic derivatives: Calcium vs. Magnesium Selectivity, Anion Binding and Biological Activity of Metal Complexes <i>Gianluca AMBROSI, Stefano AMATORI, Mirco FANELLI, Mauro FORMICA, Vieri FUSI, Luca GIORGI, Eleonora MACEDI, Mauro MICHELONI, Paola PAOLI, Patrizia ROSSI</i>
P4	Anion Complexes with Tetrazine-based Ligands <i>Carla BAZZICALUPI, Antonio BIANCHI, Celeste GARCÍA, Claudia GIORGI, Manuel MELGUIZO GUIJARRO, Maria Dolores LÓPEZ de la TORRE, Fabio PICHIERRI</i>
P5	Solution behaviour and solid-state structures of dinickel(II) complexes with ligands containing face-to-face cyclam subunits <i>Massimo BOIOCCHI, Luigi FABBRIZZI, Nadia FUSCO, Michele INVERNICI</i>
P6	– <u>BERTERO AWARD</u> – Binding studies of a dicopper(II) cryptate with dicarboxylate anions <i>Catarina V. ESTEVES, Pedro MATEUS, Rita DELGADO</i>
P7	The structural role of the fluorinated group in copper(II) complexes of the p-(trifluoromethyl)iminodiacetate chelating ligand (p3F): A co-crystal with mononuclear and dinuclear complex units. <i>Marina SERRANO-BRACERAS, Duane CHOQUESILLO-LAZARTE, Alicia DOMÍNGUEZ-MARTÍN, Hanan El Bakkali, Alfonso CASTIÑEIRAS, Josefa María GONZÁLEZ-PÉREZ, Juan NICLÓS-GUTIÉRREZ</i>
P8	Cation-anion interactions in the crystals of the cyclam-copper(II) macrochelate and some inorganic oxoanions. <i>Josefa María GONZÁLEZ-PÉREZ, Inmaculada PÉREZ-TORO, Alicia DOMÍNGUEZ-MARTÍN, Duane CHOQUESILLO-LAZARTE, Hanan El Bakkali, Alfonso CASTIÑEIRAS, Juan NICLÓS-GUTIÉRREZ</i>
P9	The interaction of Mozobil™ with dicarboxylates <i>Valeria AMENDOLA, Greta BERGAMASCHI, Luigi FABBRIZZI, Maurizio LICHELLI, Carlo MANGANO</i>
P10	Interaction between <i>fac</i>-[Re(H₂O)₃(CO)₃]⁺ ion and histidine in aqueous solution <i>Gaetano DE TOMMASO, Mauro IULIANO, Veronica CELENTANO, Luca Domenico D'ANDREA, Carla ISERNIA, Gaetano MALGIERI</i>
P11	The formation of Xx(II)/Cu(II) dinuclear complexes by cyclopeptides. <i>Justyna BRASUŃ, Aleksandra KOTYNIA, Żaneta CZYŻNIKOWSKA</i>

P12	Binding sites of rat amylin fragments <i>Agnes DÁVID, Katalin VÁRNAGY, Csilla KÁLLAY, Daniele SANNA and Imre SÓVÁGÓ</i>
P13	– <u>BERTERO AWARD</u> – Phytate in aqueous solution: unveiling its microprotonation equilibria and coordination ability under physiological conditions <i>Nicolás VEIGA, Julia TORRES, Israel MACHO, Kerman GÓMEZ, Gabriel GONZÁLEZ, Carlos KREMER</i>
P14	On Formation, Thermal and Mechanical (In)Stability and Structure of Vanilin Nickel(II) Complex <i>Tomáš WEIDLICH, Zdeňka PADEĽKOVÁ, Zdeněk ČERNOŠEK, Aleš RŮŽIČKA</i>
P15	Synthesis, characterization, electrochemical studies and DFT calculations of amino acids ternary complexes of copper(II) with isonitrosoacetophenone. Biological activities. <i>Nabila TIDJANI-RAHMOUNI, Nour El Houda BENSIRADJ, Safia DJEBBAR, <u>Quassini BENALI-BAITICH</u></i>
P16	Pt(II) complexes of oxime-containing acetylcholinesterase reactivators <i>Ahmed NEDZHIB, Ivayla PANTCHEVA, Liudmil ANTONOV</i>
P17	Complexation of acetylcholinesterase reactivator Pralidoxime <i>Ahmed NEDZHIB, Ivayla PANTCHEVA, Liudmil ANTONOV</i>
P18	Metal Complexes Containing Various Chiral Aminobenzothiazole Ligands <i>Vladimir PEJCHAL, Zdenka PADELKOVA, Ales RUZICKA, Marcela PEJCHALOVA, Marketa JANOTOVA</i>
P19	Copper(II), nickel(II) and zinc(II) binding ability of the N-terminal fragments of amyloid-β peptide <i>Agnes GRENÁCS, Imre SÓVÁGÓ</i>
P20	Losartan: a low water soluble oral drug with Cu(II) and Zn(II) coordination properties. <i>Guadalupe Jaraquemada Pelaez, Valeria M. NURCHI, Joanna I. LACHOWICZ, Miriam CRESPO-ALONSO</i>
P21	Iron-Sandwich Complexes – Additive Character of Interligand Substituent Effects <i>Jan TUREK, Roman OLEJNIK, Bohumil STIBR, <u>Zdenka PADELKOVA</u></i>
P22	Solvent- and wavelength-dependent fluorescent properties of chromone derivatives complexes with Cu(II), Zn(II) and Ru(II) <i>Boqumita KUPCEWICZ, Paulina MUCHA, Łukasz OSTROWSKI, Mateusz KŁOBUKOWSKI, Elzbieta BUDZISZ</i>
P23	Transition metal(II) complexes of a novel symmetrical benzothiazole-based ligand: Synthesis, spectral/structural characterization and fluorescence properties <i>Mehmet GÜLCAN, Yaşar KARATAŞ, Esvet AKBAŞ, Gülsiye ÖZTÜRK, Ertan ŞAHİN</i>
P24	Fluorogenic detection of HS⁻ in water by MCM41-based hybrid material functionalized with macrocyclic complex subunits <i>Sameh EL SAYED, <u>Michele MILANI</u>, Maurizio LICHELLI, Ramón MARTÍNEZ-MÁÑEZ, and Félix SANCENÓN</i>
P25	Synthesis and characterization of a rhodamine B derivative as a chemosensor for the determination of Hg²⁺ in water in environmental samples. <i>Sergio David MOSQUERA GONZÁLEZ, Rubén A. SANCHÉZ ANDICA, Walter TORRES HERNÁNDEZ</i>
P26	Analysis of the selective sensing ability of a bifunctional crown ether perylene fluoroionophore <i>Tarita BIVER, Andrea PUCCI, Giacomo RUGGERI, Fernando SECCO, Camila TELLES DE BESSA, Marcella VENTURINI</i>

P27	A Small Size and Low Cost Deferoxamine Self Assembled Monolayer Sensor Based on Surface Plasmon Resonance for detection of Fe(III) <i>Federico QUATTRINI, Nunzio CENNAMO, Giancarla ALBERTI, Maria PESAVENTO, Raffaella BIESUZ, Luigi ZENI</i>
P28	Development of a sensor for trivalent metals: AHP fixed on mesoporous silica <i>Roberta COLLEONI, Luisa ALLEGRI, Maite URRUTIA ANTIA, Giancarla ALBERTI, Raffaella BIESUZ, Greta BERGAMASCHI, Valeria AMENDOLA, Maria Amelia SANTOS</i>
P29	Novel Kojic acid-based polymeric membrane for iron sensing <i>Roberta COLLEONI, Luisa ALLEGRI, Maite URRUTIA ANTIA, Giancarla ALBERTI, Raffaella BIESUZ, José Miguel GARCÍA</i>
P30	Selective Cu(II) naked eye sensors based on water soluble NDIs <i>Filippo DORIA, Valeria AMENDOLA, Vincenzo GRANDE, Greta BERGAMASCHI, Mauro FRECCERO</i>
P31	Powerful Trident Scavengers for Some Alkali and Alkaline Earth Metal Cations <i>Ines DESPOTOVIĆ</i>
P32	Quantum chemical study of the mechanism of quercetin oxidation by DMSO in the presence of Au(I) complexes <i>Alexander SHESTAKOV</i>
P33	X-ray structure of a new bis-3-hydroxy-4-pyrone and of related Fe^{III} and Zn^{II} complexes <i>Delara MaNsOori, Guido CRISPONI, Juan NICLÓS-GUTIÉRREZ, Josefa María GONZÁLEZ-PÉREZ, Alicia DOMÍNGUEZ-MARTÍN, Duane CHOQUESILLO-LAZARTE</i>
P34	Chiral copper complexes for biomimetic oxidation <i>Eliana LO PRESTI, Maria Lucia PERRONE, Luigi CASELLA, Enrico MONZANI, Simone DELL'ACQUA</i>
P35	Metal complexes based on N-aminoethylpiperazine-N-diazeniumdiolate as NO donors <i>Aurora PACINI, Luca PASOTTI, Silvia PIZZOCARO, Enrico MONZANI, and Luigi CASELLA</i>
P36	Heme interaction and reactivity with neuronal Tau protein fragment <i>Valentina PIROTA, Enrico MONZANI, Simone DELL'ACQUA, Luigi CASELLA</i>
P37	Metal ion interaction with hemopressin <i>Maurizio REMELLI, Carlo CECILIATO, Remo GUERRINI, Karolina KRZYWOSZYŃSKA, Henryk KOZŁOWSKI, Severo SALVADORI</i>
P38	DNA binding assays of novel high-valent ruthenium complexes. Crystal structure, spectral and electrochemical studies <i>Agnieszka JABŁOŃSKA – WAWRZYCKA, Patrycja ROGALA, Grzegorz CZERWONKA, Maciej HODOROWICZ, Barbara BARSZCZ</i>
P39	Synthesis, Antioxidant Assays of Novel Heterocyclic Ligand and Metal Complexes <i>Mecit ÖZDEMİR^a, Mehmet SÖNMEZ</i>
P40	Indole derivatives of Diketoacids as dual chelating inhibitors of HIV-1 integration process <i>Mauro CARCELLI, Dominga ROGOLINO, Anna GATTI, Gabriele RISPOLI</i>
P41	Structure, Cytotoxicity, DNA Interactions and Enzymes Inhibition of Cationic Palladium(II) Complexes <i>Fillipe V. ROCHA, Carolina V. BARRA, Antonio E. MAURO, Saulo S. GARRIDO, Iracilda Z. CARLOS, Javier A. ELLENA, Flávio H. da SILVA, Arnaud GAUTIER, Laurent MOREL, Adelino V. G. NETTO</i>
P42	Novel neural “piano-stool” ruthenium(II) complexes: structural and <i>in vitro</i> cytotoxic studies <i>Iwona ŁAKOMSKA, Krystian STEFAŃCZAK, Andrzej WOJTCZAK, Jerzy SITKOWSKI</i>

P43	Antibacterial supra-nanomaterials: a “silver and gold” approach <i>Angelo TAGLIETTI, <u>Barbara BASSI</u>, Elisa CABRINI, Lucia CUCCA, Giacomo DACARRO, Emiliano FRATINI, Pietro GRISOLI, Chiara MILANESE, Piersandro PALLAVICINI</i>
P44	Iron oxide nanoparticles: synthesis, coating and interaction with nanoparticles of noble metals. <i>Piersandro PALLAVICINI, <u>Elisa CABRINI</u>, Francesco VITA</i>
P45	Antibacterial Surfaces based on a dioxotetramino Cu (II) complex <i>Angelo TAGLIETTI, <u>Agnese D’AGOSTINO</u>, Lucia CUCCA, Giacomo DACARRO, Arianna GATTESCO, Pietro GRISOLI, Carlo MANGANO, Piersandro PALLAVICINI</i>
P46	Controlling the dimension of star-shaped gold nanoparticles <i>Annalisa DO, <u>Alice DONÀ</u>, Piersandro PALLAVICINI</i>
P47	Interaction of Silver Salts, Nanoparticles and Complexes with Bacterial and Yeast Cell Components <i>Iryna GONCHAROVA, Oleksiy LYUTAKOV, Marie URBANOVÁ</i>
P48	Indium and gallium maltolate as antineoplastic agents: in vitro efficacy and mitoxantrone potentiation <i>Daniele MERLI, Giulia RISI, Stefano MOMENTÉ, Fabrizio PIVI, Antonella PROFUMO, Livia VISAI</i>
P49	Biological activity and physicochemical properties of <i>fac</i> and <i>mer</i> Ru(III) triphenylphosphine complexes with benzothiazole derivatives as co-ligand <i>Monika RICHERT, Mariusz WALCZYK, Stanisław BINIAK, Tadeusz MUZIOŁ, Marcin Janusz CIEŚLAK, Julia KAŻMIERCZAK-BARAŃSKA, Karolina KRÓLEWSKA</i>
P50	Investigation on charge transfer complexes of DDQ with pharmaceuticals <i>Valentina RIBOTTA, Enrico CHIAVAZZA, <u>Silvia BERTO</u>, Pier Giuseppe DANIELE, Mery MALANDRINO</i>
P51	⁶⁸Ga-labelled curcuminoids complexes: potential radiotracers for imaging of cancer and Alzheimer’s disease <i>Erika FERRARI, Mattia ASTI, Stefania CROCI, Giulia ATTI, Sara RUBAGOTTI, Monica SALADINI</i>
P52	Comparison of different aromatic Pt(IV) complexes as antitumor prodrugs <i>Sabrina BIANCO, Mauro RAVERA, Elisabetta GABANO, Giulia CARON, Giuseppe ERMONDI, Domenico OSELLA</i>
P53	Considering dead leaves of blackberry (<i>Rubus ulmifolius</i>) as organic amendment: non-metabolic (passive) uptake of Al⁺³ versus metabolic bioaccumulation data <i>Pablo LODEIRO, Marta LÓPEZ-GARCÍA, Luz HERRERO, José L. BARRIADA, Roberto HERRERO, Leticia CARRO, Teresa VILARIÑO, <u>Pilar RODRÍGUEZ BARRO</u> and Manuel E. SASTRE DE VICENTE</i>
P54	<i>In situ</i> synthesis of Cd(II) complexes obtained using 1-hydroxymethyl-3,5-dimethylpyrazole as a starting ligand. Crystal structures, spectroscopic and biological properties <i>Barbara BARSZCZ, Joanna MASTERNAK, Wanda SAWKA–DOBROWOLSKA, Joanna WIETRZYK, Magdalena MILCZAREK</i>
P55	- <u>BERTERO AWARD</u> – Biomonitoring of toxic element exposure by ICP-AES and ICP-MS analysis <i>Miriam CRESPO-ALONSO, Valeria M. NURCHI, Joanna I. LACHOWICZ, M. Guadalupe JARAQUEMADA-PELÁEZ, Gavino SANNA</i>

P56	Technology based on grape stalks for chromium plating industry wastewater treatment <i>David PUJOL, Chang Liu, <u>Núria FIOL</u>, Florencio de la TORRE, Jordi POCH, Isabel VILLAESCUSA</i>
P57	Exhausted coffee encapsulated in calcium alginate for Cr(VI) sorption from binary mixtures Cr(VI)-Cu(II) <i>Lucia GUSMAROLI, Chang LIU, Nuria FIOL, Giancarla ALBERTI, Isabel VILLAESCUSA</i>
P58	Determination of vanadium(V) in tea infusions and wines after pre-concentration on immobilized nanometer titanium dioxide <i>Elisa RIVAGLI, Federica MARASCHI, Michela STURINI, Andrea SPELTINI, Lucia CUCCA, Antonella PROFUMO, Valentina CARATTO, Maurizio FERRETTI</i>
P59	Polynuclear, dinuclear and mononuclear manganese(II) complexes with pyridine alcohols as an effective catalysts for H₂O₂ disproportionation in water <i>Małgorzata ZIENKIEWICZ, Agnieszka JABŁOŃSKA-WAWRZYCKA, Katarzyna STADNICKA, Maciej HODOROWICZ, Wanda SAWKA-DOBROWOLSKA, Jacinto SÁ, Jakub SZLACHETKO, Barbara BARSZCZ</i>
P60	The contribution of contaminant metals in beachrock formation <i>Nikole ARRIETA, Ane ITURREGUI, <u>Marian OLAZABAL</u>, Irantzu MARTÍNEZ-ARKARAZO, Juan Manuel MADARIAGA</i>
P61	Coordination compounds of lead(II) with O-, N-donor ligands: syntheses, structures and DFT calculation <i>Joanna MASTERNAK, Barbara BARSZCZ, Maciej HODOROWICZ, Oleksiy V. KHAVRYUCHENKO, Alina MAJKA</i>
P62	Potentiometric and calorimetric study of fluoride adsorption onto mesoporous alumina nanoparticles. <i>Sara GRACIA, Andrea MELCHIOR, Manuel VALIENTE, <u>Marilena TOLAZZI</u></i>
P63	Structural characterisation, spectral and redox studies of novel ruthenium(IV) complex. Potential biological activity. <i>Agnieszka JABŁOŃSKA-WAWRZYCKA, Patrycja ROGALA, Grzegorz CZERWONKA</i>
P64	Novel complexes of dissymmetric amidinates <i>Martin NOVONÝ, Aleš RŮŽIČKA, Zdeňka PADĚLKOVÁ</i>