

POSTER SESSION PROGRAM

P-01	Zn(II) tyrosinatemelal organic framework with helical assembly; Synthesis, characterization and plasmid cleavage study <u>Maria-Foteini K. Alevizou</u>, Christina N. Banti, ohn C. Plakatouras, Sotiris K. Hadjikakou (<i>University of Ioannina, Greece</i>)
P-02	Straightforward Synthesis of 4,4-Disubstituted-1,3-Thiazolidine-2-Thiones from Quaternary Propargylamines and Carbon Disulfide. <u>Savvas G. Chalkidis</u> and Georgios C. Vougioukalakis (<i>NKUA, Greece</i>)
P-03	Emissions of organosulfates from biomass burning. <u>Sevasti Panagiota Kotsaki</u>, Nikolaos Papadopoulos, Maria Trika, George Panagiotis Kanellopoulos and Evangelos Bakeas (<i>NKUA, Greece</i>)
P-04	Catalytic Activity Evaluation of Zn(II)-Hydrazone Complexes in the KA2 Coupling Reaction <u>Maria Anna Danopoulou</u>, Leandros Zorba, Božidar Čobeljić, Iztok Turel, and Georgios C. Vougioukalakis (<i>NKUA, Greece</i>)
P-05	Low drag antifouling coatings with enhanced protection against corrosion <u>Polyxeni Vourna</u>, Pinelopi P. Falara and Nikolaos D. Papadopoulos (<i>NCSR "Demokritos", Greece</i>)
P-06	Sensitive detection of CA125 on nanostructured silver substrates <u>G. Geka</u>, A. Kanioura, I. Kochylas, V. Likodimos, S. Gardelis, A. Dimitriou, N. Papanikolaou, M. Chatzichristidi, A. Economou, S. Kakabakos, and P. Petrou (<i>NCSR "Demokritos", Greece; NKUA, Greece</i>)
P-07	Kinetic investigation of toluene oxidation over Mn ₂ O ₃ catalysts: applicability of Mars-van Krevelen model <u>Yiannis Georgiou</u>, Nikolaos Apostolopoulos, and Theophilos Ioannides (<i>FORTH/ICE-HT, Greece</i>)
P-08	A detailed characterization of Greek wines in terms of their phenolic composition, volatiles and mineral content <u>Panagiotis-Loukas Gialouris</u>, Marilena Dasenaki, Nikolaos Thomaidis and Charalampos Proestos (<i>NKUA, Greece</i>)
P-09	New Metalated Analogues of the Zirconium-Porphyrinic Metal-Organic Framework PCN-224 and Their Single-Crystal-to-Single-Crystal Transformation and Gas Sensing Properties <u>Rafail M. Machattos</u>, Nikos Panagiotou, Francisco G. Moscoso, Ahmad Sousaraei, José M. Pedrosa and Anastasios J. Tasiopoulos (<i>University of Cyprus, Cyprus</i>)
P-10	In silico prevention of propargylamine substrate toxicity in their use as monoamino-oxidase inhibitors <u>Panagiou Mavroeydi</u>, Nikitas Georgiou, Georgios Vougioukalakis and Thomas Mavromoustakos (<i>NKUA, Greece</i>)
P-11	New 3D-MOFs Based on the Hexanuclear [Y ₆ (μ ₃ -OH) ₈] ₁₀ +Secondary Building Unit and their Single-Crystal-to-Single-Crystal Metalation Capability <u>L.K. Komodiki</u>, N. Panagiotou, José M. Pedrosa, A.J. Tasiopoulos

	<i>(University of Cyprus, Cyprus)</i>
P-12	In silico study of bioactive molecules against spike protein of SARS-CoV-2 virus <u>Kalliopi Moschovou, Serdar Durdagi and Thomas Mavromoustakos</u> <i>(NKUA, Greece)</i>
P-13	Fusion of weakly bound nuclei at sub and near-barrier energies: The case of $9\text{Be} + 208\text{Pb}$ and $9\text{Be} + 197\text{Au}$ <u>K. Palli, J. Casal, A. Pakou</u> <i>(University of Ioannina, Greece; NKUA, Greece)</i>
P-14	Towards Establishing Well-defined Complexes with Imine Functionalised NHC Ligands in Copper and Chromium Catalytic Transformations <u>Evangelos Papangelis, Pierre Braunstein, Lydia Karmazin and Andreas Danopoulos</u> <i>(NKUA, Greece)</i>
P-15	Interesting indium(III)-assisted transformations of 2-benzoylpyridine <u>Christina Stamou, Zoi G. Lada, Christos T. Chasapis, Pierre Dechambenoit, Dionissios Papaioannou and Spyros P. Perlepes</u> <i>(University of Patras, Greece)</i>
P-16	Synthesis and Characterization of Cyclic Bend Allenes and Base Metals Complexes <u>Georgios P. Theodoropoulos, Theodoros Karavas, Irene Ligielli, Costas Bethanis and Andreas Danopoulos</u> <i>(NKUA, Greece)</i>
P-17	$[\text{M}_5(\text{NO}_3)_4(\text{btz})_6]$, M=Co, Ni type clusters as precursors for rational MOF synthesis <u>Ioannis Vagiakos, Giannis S. Papaefstathiou</u> <i>(NKUA, Greece)</i>
P-18	Method Development and Validation for the determination of phytosterols in edible oils <u>Aikaterini Voudouri, Ioannis Martakos, Nikolaos Thomaidis and Marilena Dasenaki</u> <i>(NKUA, Greece)</i>
P-19	Structural and EPR properties of Cu(II) complexes bearing $\{\text{Ph}_2\text{P}(\text{O})\text{NP}(\text{O})\text{Ph}_2\}$ - and 2,2'-bipyridine as ligands <u>Maria Tsoukala, Polydoros C. Ioannou, Catherine P. Raptopoulou, Vassilis Psycharis, George Mitrikas, Panayotis Kyritsis</u> <i>(NKUA, Greece)</i>
P-20	Increasing antioxidant activity of wines by adding tea leaves <u>Nikolaos Zikos</u> <i>(NKUA, Greece)</i>
P-21	The effect of transition metals on the absorption spectra of metallocene-naphthalimide derivatives <u>Christina Eleftheria Tzeliou and Demeter Tzeli</u> <i>(NKUA, Greece)</i>
P-22	Modification of fluoropolymer surfaces via lithography <u>Christina Gkioka, Anastasia Nika, Fotini Macharioti, Panagiota Petrou, Magarita Chatzichristidi</u> <i>(NKUA, Greece)</i>
P-23	Novel hyperbranched amphiphilic P(OEGMA-co-MAA-co-tBMA) copolymers via RAFT polymerization <u>Anastasia Balafouti and Stergios Pispas</u> <i>(National Hellenic Research Foundation, Greece)</i>
P-24	Synthesis, characterization and study of the catalytic activity of hydrogen production of a new Ni-thiosemicarbazone complex <u>Eleni Charalampous, Danai Karta, Aikaterini Katsogiannou, Stamatia -</u>

	Vassiliou and Christiana A. Mitsopoulou (NKUA, Greece)
P-25	A Proteomic Approach to Identify Zein Proteins upon Eco-Friendly Ultrasound-Based Extraction <u>Laura Darie-Ion, Elena Gabriela Hitruc, Aurel Pui and Brindusa-Alina Petre</u> (Alexandru Ioan Cuza University of Iasi, Romania)
P-26	Tailor-Designed Small Molecules for the Modification of Aramid Materials Kevlar and Nomex <u>Effrosyni Frousiou, Efstathios Tonis, Georgios Rotas and Georgios C. Vougioukalakis</u> (NKUA, Greece)
P-27	Development of GC-MS/MS and GC-APCI-QTOFMS Methods for Target Screening of Intentionally and Non-Intentionally Added Substances in Food Contact Materials <u>Eleni Trataris, Chrysoula Kanakaki, Theodora Traka, Erasmia Bizani and Nikolaos Thomaidis</u> (NKUA, Greece)
P-28	Producing electricity out of (thin) air <u>Efthymiadis Nikos, Giota Maria-Eleni, Kanellopoulos Georgios, Meris Konstantinos, Tsamantaki Stefania, Tsagri Liberia, Tsekouras Athanasios</u> (NKUA, Greece)
P-29	Conjugation of tetracycline Sb(V) against breast cancer cells <u>Paraskevi Z. Trialoni, Christina N. Banti, Sotiris K. Hadjikakou</u> (University of Ioannina, Greece)
P-30	Mixed copolymer-based micelles for the encapsulation of curcumin <u>Angeliki Maria Gerardou, Anastasia Balafouti and Stergios Pispas</u> (National Hellenic Research Foundation, Greece)
P-31	Structural and spectroscopic correlation in Ru(III) complexes bearing {R ₂ P(E)NP(E)R ₂ } ⁻ (E = S, Se) ligands <u>Nikolaos Kantartzis, Eleftherios Ferentinos, Catherine P. Raptopoulou, Vassilis Psycharis, George Mitrikas, Panayotis Kyritsis</u> (NKUA, Greece)
P-32	Targeted and untargeted HRMS metabolomic study in PDO Greek olive drupes for varietal and geographical origin verification <u>Georgios A. Koulis, Panagiota A. Katsianou, Sofia K. Drakopoulou, Anastasia S. Kritikou, Marilena E. Dasenaki, Charalampos Proestos, Nikolaos S. Thomaidis</u> (NKUA, Greece)
P-33	Hadrian's Aqueduct: On the chemical trail of ancient water <u>Ioannis Dafnos, Nikiforos Klosteridis, Georgios Katsouras, Themistoklis Gkion, Nikos Tsalas, Chrysoula Apostolou, Stylianos Samios, Efthymios Lytras and Giorgos Sachinis</u> (EYDAP S.A., Greece)
P-34	Development of pH responsive platinum-containing polymeric arsenical hydrogels for biomedical applications <u>A. Magiakos, S. Efstathiou, E. Liarou, A. Dsouza, M. Walker, C. Methenitis, P. Wilson</u> (University of Warwick, UK)
P-35	Two novel porous MOFs based on 3d transition metal ions, Synthesis and Post Modification. <u>Panagiotis Oikonomopoulos and Giannis S. Papaefstathiou</u> (NKUA, Greece)

P-36	Effect of water sorption on the structures of polyimide and polyamide aerogels Krisztián Moldován, Attila Forgács, József Kalmár (<i>University of Debrecen, Hungary</i>)
P-37	Chemical characterization biofertilizers using UPLC-QToF-MS via suspect and non-target screening strategies Anthi Panara, Evangelos Gikas and Nikolaos S. Thomaidis (<i>NKUA, Greece</i>)
P-38	CTLA-4 expression in CTCs of cancer patients under Immunotherapy Stavroula Smilkou, Areti Strati, Martha Zavridou, Victoria Tserpeli, Angeliki Sfika, Evangelos Bournakis, Emilia Tsaroucha, Ioannis Boukovinas, Stylianos Kakolyris, Amanda Psyrris, Evi Lianidou (<i>NKUA, Greece</i>)
P-39	MOF synthesis using Schiff base Metallo-Ligands Panteleimon Kotidis, Andreas Kourtellaris, Anastasios Tasiopoulos and Giannis Papaefstathiou (<i>NKUA, Greece</i>)
P-40	Green synthesis and characterization of Cu-doped TiO ₂ nanoparticles with improved photocatalytic activity in the visible light spectrum Panagiotis Tzevelekidis, Eleni Charalampous and Christina Anna Mitsopoulou (<i>NKUA, Greece</i>)
P-41	Photoinduced hydrophilicity on titania coatings for highly performing concentrated solar collectors Michalis K. Arfanis, Maria Antoniadou, Nafsica Mouti, Konstantinos P. Giannakopoulos and Polycarpus Falaras (<i>NCSR "Demokritos", Greece</i>)
P-42	Non-porous poly(vinyl alcohol) nanocomposite membranes for water treatment applications Ioannis Tournis, Zili Sideratou, Fotios K. Katsaros, Elias Sakellis, Lamprini G. Boutsika, Aggeliki Papavasiliou and Andreas Sapalidis (<i>NKUA, Greece; NCSR "Demokritos", Greece</i>)
P-43	On the chemistry of remote-substituted N-heterocyclic carbene ligands and their Cu, Ni and Au complexes Konstantinos-Pantelis Zois, Pierre Braunstein, Lydia Karmazin and Andreas Danopoulos (<i>NKUA, Greece</i>)
P-44	Enhanced environmental photostability of bulk heterojunction photoactive layer mixed with porphyrin molecules Anastasia Soutati, Konstantina-K. Armadorou, George Papadimitropoulos, Stavros Kaminaris, Athanassios G. Coutsolelos, and Maria Vasilopoulou (<i>NCSR "Demokritos", Greece; University of West Attica, Greece</i>)
P-45	Chiral {Cu ₈ Ln ₄ } Complexes from Chiral Schiff Base Ligands Despina Dermitzaki, Michael Pissas, Yiannis Sanakis, Catherine P. Raptopoulou, Vassilis Psycharis (<i>NCSR "Demokritos", Greece</i>)
P-46	Towards sustainable homoallylic alcohols isomerization/oxidation with applications in fine chemicals industry Maria Drymona, Entzy Kaplanai, Dimitris Georganakis, and Georgios C. Vougioukalakis (<i>NKUA, Greece</i>)
P-47	1D/3D perovskite solar cells with improved efficiency and stability

	Eleftherios Christopoulou, Mohamed Elsenety, Andreas Kaltzoglou and Polycarpos Falaras (NCSR "Demokritos", Greece; University of Patras, Greece)
P-48	Optimization and structure-activity relationships of α -hydroxy- β -amino acid based inhibitors of M1aminopeptidases Alexandros Athanasoulis, Ioannis Temponeras, Efstratios Stratikos and Athanasios Papakyriakou (NCSR "Demokritos", Greece)
P-49	Photocatalytic and Electrocatalytic Hydrogen Evolution Through A trans-Oxalamide-Nickel Complex E. Kolliniati, M. Kourmoussi, N. Moutzouris, G. Papaefstathiou, C. Mitsopoulou (NKUA, Greece)
P-50	Evaluation of viral concentration and extraction methods for SARS-CoV-2 recovery from wastewater using Droplet Digital and Quantitative RT-PCR Lampros Dimitrakopoulos, Aikaterini Kontou, Areti Strati, Aikaterini Galani, Marios Kostakis, Vasileios Kapes, Evi Lianidou, Nikolaos Thomaidis and Athina Markou (NKUA, Greece)
P-51	Improved electron extraction at the perovskite/TiO ₂ interface using insulating ZrCl ₄ as interlayer Konstantina Gkini, Spyros Orfanoudakis, Polychronis Tsipas, Lida Givalou, Christos Kouzios, Lazaros Theofylaktos, Athanasios Dimoulas, Polycarpos Falaras, Maria Konstantakou, Thomas Stergiopoulos (NCSR "Demokritos", Greece; University of Patras, Greece)
P-52	Hydrophilic Random Cationic Copolymers as DNA carriers Varvara Chrysostomou, Hector Katifelis, Maria Gazouli, Konstantinos Dimas, Costas Demetzos and Stergios Pispas (NKUA, Greece; NHRF, Greece)
P-53	Development of mitochondrial targeting chemotherapeutics T.M. Koufou, A.-D.C. Magklaras, M.S. Ioannou, C.N. Banti, V. Psycharis, C.P. Raptopoulou and S.K. Hadjidakou (University of Ioannina, Greece)
P-54	Gold-platinum nanoparticles as a drug delivery system coated with a new drug to target glioblastoma Anastasia P. Stavropoulou, Eleni K. Efthimiadou (NKUA, Greece; CSR "Demokritos", Greece)
P-55	Lanthanide (III) complexes of tridentate Schiff bases derived from the condensation of o-vanillin and aminobenzoic acids Paraskevi Tsoupra, Ioannis Mylonas-Margaritis, Styliani Kostaloupi, Alexandros Baxevanakis, Catherine P. Raptopoulou, Vassilis Psycharis and Spyros P. Perlepes (University of Patras, Greece)
P-56	Polycyclic aromatic hydrocarbons in the marine surface microlayer of coastal areas Aikaterini Sakellari, Sotirios Karavoltsos, Ipek Moutafis, Konstantinos Koukoulakis, Manos Dassenakis, Evangelos Bakeas (NKUA, Greece)
P-57	Enhancing the performance of perovskite solar cells based on Fe-doped electron transporting layer Alaa A. Zaky, Eleftherios Christopoulos and Polycarpos Falaras

	<i>(Kafrelsheikh University, Egypt)</i>
P-58	Recent progress in the study of the reaction ${}_{70}\text{Zn}$ (15 MeV/nucleon) + ${}_{64}\text{Ni}$ with the MAGNEX Spectrometer at the INFN-LNS S. Koulouris, G. A. Souliotis, F. Cappuzzello, D. Carbone, A. Pakou, C. Agodi, G. Brischetto, S. Calabrese, M. Cavallaro, I. Ciraldo, O. Fasoula, J. Klimo, K. Palli, O. Sgouros, V. Soukeras, A. Spatafora, D. Torresi, M. Veselsky (NKUA, Greece)
P-59	Physicochemical properties of titania nanoparticles and their implementation on photocatalytic membrane monoliths Michalis K. Arfanis, George V. Theodorakopoulos, George Em. Romanos and Polycarpus Falaras (NCSR "Demokritos, Greece)
P-60	Momentum Distributions of Multinucleon Transfer from Kr-induced Peripheral Collisions at 15 and 25 MeV/nucleon O. Fasoula, G. A. Souliotis, S. Koulouris, K. Palli, M. Veselsky, S.J. Yenello, A. Bonasera (NKUA, Greece)
P-62	Ni(II) oxo-thiolate complexes as a single redox couple for non-aqueous flow batteries F. Kamatsos, M.I Vogia-Rompazani, C. Prosiliakou, C. A. Mitsopoulou (NKUA, Greece)
P-63	Effect of dyes on indoor-operating DSSCs and PSSCs George V. Belessiotis, Mohamed Elsenety, Eleftherios Christopoulos and Polycarpus Falaras (NCSR "Demokritos, Greece)
P-64	Comparison & application of advanced metabolomics strategies for the discovery of chemotherapy- induced cardiotoxicity biomarkers Ch. Kompolias, I. Barla, K. Antoniadis, S. Polychronopoulou, N. Thomaidis, E. Gikas (NKUA, «AGHIA SOPHIA», Greece)
P-65	Titania-modified 3D-printed macroporous flat polymeric membranes incorporated in a photocatalytic reactor for water purification Michalis K. Arfanis, George V. Theodorakopoulos, George Em. Romanos, Simos Malamis, Dimitrios Iatrou and Polycarpus Falaras (NCSR "Demokritos, Greece)
P-66	Chemical passivation of imperfections in methylammonium lead iodide perovskite solar cells Christos Kouzios, Spyros Orfanoudakis, Konstantina Gkini, Lazaros Theofylaktos, Lida Givalou, Maria Konstantakou, Thomas Stergiopoulos (NCSR "Demokritos", Greece)
P-67	A Safe by Design Approach for the Synthesis of a TiO ₂ -based Paint for the Photocatalytic Degradation of Pollutants under Visible Light E. Koutsoumbari, K. Mavronasou, A. Grigoropoulos, and Ioanna Deligkiozi (Creative Nano PC, Greece; University of Patras, Greece)
P-68	Computational Study of triatomic FeS ₂ and MoS ₂ molecules Markella A. Mermigki, Ioannis Karapetsas and Demeter Tzeli (NKUA, Greece)

P-69	A novel cellulose hydrogel of zinc aspirinate; possible implementation in wound healing F.V. Lezos, C.N. Banti, A.G. Hatzidimitriou and S.K. Hadjikakou (University of Ioannina, Greece)
P-70	Synthesis and Characterization of a New Family of Fullerene Derivatives. Maria Mai, Georgios Rotas, Biprajit Sarkar, Georgios C. Vougioukalakis (NKUA, Greece)
P-71	Comparison of the mechanical properties of renewable PLA-based films using micro- or nano- soda lignin as a bio-based filler S. P. Makri, E. Xanthopoulou, P. A. Klonos, A. Grigoropoulos, A. Kyritsis, A. Karathanasis, I. Deligkiozi, D. N. Bikiaris (Creative NanoPC, Greece)
P-72	Pre-operative mutation detection in liquid biopsy components as a strong indicator of progression of disease in early stage NSCLC patients. Athina N. Markou, Dora Londra, Dimitra Stergiopoulou, Ioannis Pateras, Vasilis Georgoulas, Athanasios Kotsakis and Evi Lianidou (NKUA, Greece)
P-73	Synthetic utility of acetone in template-type reactions Vasiliki Lazaridi, Zoi G. Lada, Eleni Mazarakioti, Vassilis Psycharis, Catherine P. Raptopoulou and Spyros P. Perlepes (University of Patras, Greece)
P-74	DNA/BSA Interaction and in vitro biological evaluation of Cu(II) and Ni(II) complexes with 2,9-bis(aminomethyl)-1,10-phenanthroline. G. Miliossis, G. Petrakis, El. Efthimiadou, C. Methenitis, B. Mavroidi, M. Pelecanou (NKUA, Greece)
P-75	New metal–organic frameworks derived from pyridine-3,5-dicarboxylic acid: structural diversity arising from the addition of templates into the reaction systems Eleni E. Moushi, Andreas Kourtellaris, Eleni Andreou, Athina Fidelli, Giannis S. Papaefstathiou, John C. Plakatouras and Anastasios J. Tasiopoulos (European University Research Centre Ltd, Cyprus)
P-76	HYBRID GOLD NANOSTRUCTURES IN THE DIAGNOSIS AND TREATMENT OF CANCER: SYNTHESIS, CHARACTERISTICS AND BIOLOGICAL EVALUATION Christina Nikozisi, Athina Papadopoulou, Anastasia Stavropoulou, Danai Prokopiou, Maria Theodosiou, Efthimiadou Eleni (NKUA, Greece)
P-77	Detection of EGFR Mutations in Plasma cfDNA and Paired CTCs of NSCLC Patients before and after Osimertinib Therapy Using Crystal Digital PCR Aliki Ntzifa, Athanasios Kotsakis, Vassilis Georgoulas, Evi Lianidou (NKUA, Greece)
P-78	Synthesis, characterization and evaluation of aqueous Zn-based quantum dots for Bioapplications Athina N. Papadopoulou, Eleni K. Efthimiadou (NKUA, Greece)
P-79	Amide based ligands for the synthesis of new Metal-Organic Frameworks Giannis S. Papaefstathiou, Georgios D. Tarlas, Nikolaos Moutzouris,

	Alexios K. Plessas, Panagiotis Oikonomopoulos, Pantelis Kotidis, Eleni Mavridou, Dimitra Zisimopoulou, Ioannis Vagiakos (NKUA, Greece)
P-80	A versatile approach towards development of robust transparent antisoiling coatings with antimicrobial activity for various substrates. Nikolaos D. Papadopoulos, Sotirios Xafakis, Pinelopi P. Falara, Polyxeni Vourna (BFP Advanced Technologies; NKUA, Greece)
P-81	Is there a predisposition of cardiotoxicity induced by antineoplastic agents? A metabolomic Approach E. Papagiannopoulou, I. Barla, K. Antoniadis, S. Polychronopoulou, N. Thomaidis, E. Gikas (NKUA, Greece)
P-82	Copper(I) mediated C–C coupling of aryl ketones and aryl alcohols via the borrowing hydrogen strategy Michail D. Peppas, Nikolaos Zacharopoulos, Anastassios Peppas, and Athanassios I. Philippopoulos (NKUA, Greece)
P-83	Magnetostructural correlations in Ni(II) complexes bearing {R ₂ PINPIR ₂ }-(E = O, S, Se) ligands Konstantinos Papanikos, Eleftherios Ferentinos, Catherine P. Raptopoulou, Vassilis Psycharis, Panayotis Kyritsis (NKUA, Greece)
P-84	Determination of biophenols in olive oil samples based on the official method of the International Olive Council and Health Claim Konstantina Papastavropoulou, Ioannis. N. Pasias, Elissavet Dotsika, and Charalampos Proestos (NKUA, Greece)
P-85	Use of a 3D printed auxiliary module for the quality improvement of Ni-P/SiCnanocomposite coatings A. Chouliara, E. Papaioannou, K. Mavronasou, A. Bairamis, A. Grigoropoulos, A. Zoikis Karathanasis (Creative Nano PC, Greece; University of Patras, Greece)
P-86	η^6 -Arene Ru(II) Complexes as Efficient Catalysts for Transfer Hydrogenation of Aromatic Ketones Nikolaos Zacharopoulos, Afroditi Kokkosi, Georgios Priniotakis and Athanassios I. Philippopoulos (NKUA, Greece)
P-87	Paramagnetic Ti(III) as a probe of establishing bonding in NHC carbenes and imidophosphinato complexes Sophia Sklavena, Romanos A. Christopoulos, George Mitrikas, Catherine P. Raptopoulou, Vassilis Psycharis, Panayotis Kyritsis, Andreas Danopoulos (NKUA, Greece)
P-88	Iron oxide magnetic nanoparticles modified with biomolecules as a potential theranostic agent for brain cancer Danai E. Prokopiou, Vladan Kusigerski, Sanja Vranjes-Duric, Eleni K. Efthimiadou (NCSR "Demokritos", Greece)
P-89	Coordination clusters simultaneously containing two different 3d-metal ions: Synthesis and preliminary characterization Sotiris Skiadas, Emmanouil Mavroxis, Olga Dioti, Georgia Sideri, Vassilis Psycharis, Yiannis Sanakis, Catherine P. Raptopoulou and Spyros P.

	Perlepes (<i>University of Patras, Greece</i>)
P-90	Elemental profile monitoring and variety discrimination of Greek honeys <u>Maria-Anthi Priakou</u>, Marios Kostakis, Erklaylle Gabriely Custodio da Silva, Maria Karvouni, Loukas Gialouris, Carolina Santos Silva, Nikolaos Thomaidis and Marilena Dasenaki (<i>NKUA, Greece</i>)
P-91	Electrochemical paper-based analytical devices fabricated entirely via programmable pen-drawing and screen-printing <u>D. Soulis</u>, V. Pagkali, C. Kokkinos, A. Economou (<i>NKUA, Greece</i>)
P-92	Development and analytical validation of a six-plex Reverse Transcription Droplet Digital PCR (RT-ddPCR) assay for the absolute quantification of prostate cancer biomarkers in circulating tumor cells <u>Martha Zavridou</u>, Stavroula Smilkou, Victoria Tserpeli, Aggeliki Sfika, Evangelos Bournakis, Areti Strati and Evi Lianidou (<i>NKUA, Greece</i>)
P-93	Titanium Dioxide Nanoparticles doped with Silver or Zinc Oxide Nanoparticles: A Comparative Study on Synthesis, Characterization and Biological Evaluation <u>Maria Theodosiou</u>, Athina Papadopoulou, Efthimiadou Eleni (<i>NKUA, Greece</i>)
P-94	Design and Synthesis of Acyl Substituted Conjugated Hydroxamic Acids and Hydrazides as Potential Antimycobacterial Agents <u>Chara Theofilou</u>, Alexandros Pagonis, Vasiliki Mavrikaki, Isabelle Poncin, Ivy Mallick, Stephane Canaan, Jean-Francois Cavalier, Victoria Magrioti (<i>NKUA, Greece</i>)
P-95	Development of LC-MS/MS and LC-HRMS Methods for the Target Screening of Intentionally and Non-Intentionally Added Substances in Food Contact Materials <u>Theodora Traka</u>, Chrysoula Kanakaki, Eleni Tratari, Erasmia Bizani and Nikolaos Thomaidis (<i>NKUA, Greece</i>)
P-96	A Straightforward Protocol for the Synthesis of 4-Alkylidene-2-Thione-1,3-Oxathiolanes <u>Efstathios Tonis</u> and Georgios C. Vougioukalakis (<i>NKUA, Greece</i>)
P-97	Tetracycline modification as a new antimicrobial formulation. <u>Aphrodite S. Tsigara</u>, Christina N. Banti, and Sotiris K. Hadjikakou (<i>University of Ioannina, Greece</i>)
P-98	The effect of transition metals on the absorption spectra of metallocene-naphthalimide derivatives <u>Christina Eleftheria Tzeliou</u> and Demeter Tzeli (<i>NKUA, Greece</i>)
	First-principles exploration of the MoX (X = Li, Be, B, C, N, O, F) diatomic molecules <u>Alexandros Androutsopoulos</u>, Theodoros Depastas and Demeter Tzeli (<i>NKUA, Greece</i>)

P-99	<p>SLFN11 Methylation in Plasma Cell-Free DNA in metastatic Non-Small Cell Lung Cancer (NSCLC) and metastatic Head and Neck Squamous Cell Carcinoma (HNSCC) under immunotherapy.</p> <p><u>Victoria Tserpeli</u>, Areti Strati, Martha Zavridou, Stavroula Smilkou, Angeliki Sfika, Evangelos Bournakis, Emilia Tsaroucha, Ioannis Boukovinas, Stylianos Kakolyris, Amanda Psyrris, Evi Lianidou (NKUA, Greece)</p>
P-100	<p>Poly(ethylene oxide) based copolymer-ionic liquid membranes for CO₂ separation</p> <p>Eirini Stavrianou, Dionysios Vroulias, Valadoula Deimede and Theophilos Ioannides (FORTH/ICE-HT, Greece)</p>
P-101	<p>Environmental Significance of an Oxazine Cationic Dye–Humic Substances Nanomaterial</p> <p><u>Maria Roulia</u> and Alexandros A. Vassiliadis (NKUA, Greece)</p>
P-102	<p>Application of natural and synthetic zeolites for mine soil remediation</p> <p><u>Maria Roulia</u> and Charalambos Vasilatos (NKUA, Greece)</p>