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| POSTER PROGRAMME |
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| Poster Session 1 – Tuesday 21 June 18:30-19:30 & Wednesday 22 June 10:50-11:50 |
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| [P1.001] | Synthesis of novel modified guanidines: Part 1: Reaction of dicyandiamide with amino acids, amides and amino phenols in aqueous acidic medium A. Soliman ^{*1} , S. Mohamed ² , A. Maharramov ³ , M. El-Remaily ⁴ , H. Abdel-Ghany ⁵ , A. Khalilov ⁶ , ¹ <i>Sohag University, Egypt</i> , ² <i>Manchester Metropolitan University, UK</i> , ³ <i>Baku State University, Azerbaijan</i> , ⁴ <i>Sohag University, Egypt</i> , ⁵ <i>Sohag University, Egypt</i> , ⁶ <i>Baku State University, Azerbaijan</i> |
| [P1.002] | Total synthesis and structure determination of PI-PLC inhibitor akaterpin H. Hosoi, N. Kawai, T. Suzuki, A. Nakazaki, S. Kobayashi*, <i>Tokyo University of Science, Japan</i> |
| [P1.003] | Ireland-claisen rearrangement-based ring contraction toward the total synthesis of clavulactone, a cytotoxic marine diterpenoid Z.J. Yao ^{*1,2} , Z.Y. Yang ¹ , Y.F. Chen ² , K. Shen ² , ¹ <i>Shanghai Institute of Organic Chemistry, China</i> , ² <i>Nanjing University, China</i> |
| [P1.004] | Porphyrin-dendrimers with a fullerene C₆₀ in the dendritic branches K.E. Sanchez-Montes*, S. Cortez-Maya, T. Klimova, L. Ortiz-Frade, M. Martínez-García, <i>Universidad Nacional Autónoma de México, Mexico</i> |
| [P1.005] | A serendipitous C-C bond formation reaction between michael donors and diiminoquinoid ring assisted by quaternary ammonium fluoride V.V. Paike*, H.P. Shih, C.C. Han, <i>National Tsing Hua University, Taiwan</i> |
| [P1.006] | Synthesis and applications of poly (N-heterocyclic carbene)-grafted silica complex containing palladium nanoparticles as a new heterogeneous catalyst for heck coupling reactions B. Tamami ¹ , F. Farjadian ^{*1} , S. Ghasemi ¹ , ¹ <i>Shiraz University, Iran</i> |
| [P1.007] | Synthesis and characterization of phosphinite functionalized silica and hexagonal modified silica containing Pd nanoparticles and comparative study in heck reaction B. Tamami, F. Farjadian*, <i>Shiraz University, Iran</i> |
| [P1.008] | New inhibitors of the M2 ion channel of influenza A virus S. Vázquez ^{*1} , M.D. Duque ¹ , C. Ma ² , E. Torres ¹ , J. Juárez-Jiménez ¹ , L.H. Pinto ² , ¹ <i>Universitat de Barcelona, Spain</i> , ² <i>Northwestern University, USA</i> |
| [P1.009] | Drug discovery for rheumatoid arthritis by inhibition of NF-kappaB activation through IKK-2 H. Choo ^{*1} , S. Kim ^{1,2} , K.J. Shin ^{1,4} , B.H. Lee ³ , G. Nam ¹ , E.J. Roh ¹ , ¹ <i>Korea Institute of Science and Technology, South Korea</i> , ² <i>Korea University, South Korea</i> , ³ <i>Korea Research Institute of Chemical Technology, South Korea</i> , ⁴ <i>The Catholic University of Korea, South Korea</i> |
| [P1.010] | Synthetic studies on Arenicolide A K. Lee*, J. Lee, D.H. Lee, <i>Sogang University, South Korea</i> |
| [P1.011] | Synthesis of c [2, 1-a] isoquinolines through the reaction of activated acetylenes and isoquinoline in the presence of phenacyl bromides H. Hamadi, <i>Shahid Chamran University, Iran</i> |
| [P1.012] | Novel synthesis of functionalized iminothiopyran and isothiochromen via one-pot multicomponent reactions H. Hamadi, <i>Shahid Chamran University, Iran</i> |
| [P1.013] | Synthesis of substituted butenolides and 5-alkylimino-2,5-dihydrofuran-3,4-dicarboxylate via an isocyanide-based multicomponent reactions H. Hamadi, <i>Shahid Chamran University, Iran</i> |
| [P1.014] | Organocatalytic Mannich reaction of 2-fluoro-1,3-dicarbonyl compounds with N-Boc aldimines Y.K. Kang*, D.Y. Kim, <i>Soonchunhyang University, South Korea</i> |
| [P1.015] | Catalytic enantioselective construction of beta-quaternary carbons via a conjugate addition of cyanide to beta,beta-disubstituted alpha,beta-unsaturated carbonyl compounds Y. Tanaka ^{*1} , M. Kanai ¹ , M. Shibasaki ² , ¹ <i>The University of Tokyo, Japan</i> , ² <i>Institute of Microbial Chemistry, Japan</i> |
| [P1.016] | Highly stereoselective synthesis of fluorinated 2,3-dihydrofurans from arsonium ylides and 1-phenyl-3-(trifluoromethyl)-1H-pyrazol-5(4H)-one derivatives J.P. Zhang*, S.X. Yang, J. Chen, H. Zhang, W.G. Cao, <i>Shanghai University, China</i> |
| [P1.017] | Synthesis, biological active molecular design, and molecular docking study of 5-(monosubstituted amino)-2-deoxy-2-phenyl-5-deazaflavins T. Nagamatsu*, A.R. Shrestha, H.I. Ali, <i>Okayama University, Japan</i> |

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| [P1.018] | Towards the synthesis of bowl shaped nanowheels R. Garbage ^{*1,2} , H.P. Jacquot de Rouville ^{1,2} , C. Joachim ² , G. Rapenne ^{1,2} , ¹ Université de Toulouse, France, ² CEMES-CNRS, France |
| [P1.019] | Evaluation of methodologies of S-cyclization of thioureas for the synthesis of 2-aminothiazolines R.B. Ferreira*, W.P. Almeida, <i>University of Campinas, Brazil</i> |
| [P1.020] | Water-prompted synthesis of alkyl nitrile derivatives via Knoevenagel condensation and Michael addition reaction E. Soleimani*, N. Batoole, <i>Razi University, Iran</i> |
| [P1.021] | Synthesis and biological evaluation of thiazolidinones as IκB inhibitor G. Nam ^{*1} , G.J. Shin ² , K.I. Choi ¹ , A.N. Pae ¹ , E.J. Rho ¹ , H.A. Choo ¹ , ¹ Korea Institute of Science & Technology, South Korea, ² Catholic University, South Korea |
| [P1.022] | Stereoselective synthesis of novel highly functionalized β-aminocyclohexanecarboxylic acids L. Kiss*, E. Forró, F. Fülöp, <i>University of Szeged, Hungary</i> |
| [P1.023] | An efficient two-step route to unsubstituted N-aryl and heteroarylamino benzenesulfonamides F. Lach*, M.J. Pasquet, M. Chabanne, <i>AstraZeneca, France</i> |
| [P1.024] | Synthesis of piperidine alkaloids: Iminium ion chemistry and hydroformylation R.W. Bates*, Y. Lu, S. Kasinathan, <i>Nanyang Technological University, Singapore</i> |
| [P1.025] | Synthesis and biological activity of some new heterocyclic derivatives M.M. El Sadek*, S.Y. Hassan, G.A. Yacout, N.S. Abdel Dayem, <i>Alexandria University, Egypt</i> |
| [P1.026] | Chiral recognition of some drugs on polysaccharides based stationary phases by High Performance Liquid Chromatography with normal mode S. Ihaddadene, F. Tazerouti*, <i>USTHB, Algeria</i> |
| [P1.027] | Synthesis of C-methylcalix[4]resorcinarene-capped beta-cyclodextrin bonded silica particles for use as chiral stationary phase in capillary electrochromatography Y. Gong*, J. Zhao, <i>National University of Singapore, Singapore</i> |
| [P1.028] | Synthesis of novel fluorescent 2,4,7-triaryl-7H-pyrrolo[2,3-d]pyrimidines J. Dodonova*, S. Tumkevicius, <i>Vilnius University, Lithuania</i> |
| [P1.029] | Cycloaddition reaction of double lewis acid activated N-(3-pyridyl) aldimines with olefins F. Palacios, M. Fuertes, C. Alonso, G. Rubiales*, <i>University of the Basque Country, Spain</i> |
| [P1.030] | Total synthesis of borrelidin and dolicolide; complex macrocyclic polyketides A.J. Minnaard*, A.V.R. Madduri, <i>University of Groningen, The Netherlands</i> |
| [P1.031] | Hydroperoxidation of various epoxides under mild conditions Y.K. Wu, <i>Shanghai Institute of Organic Chemistry, China</i> |
| [P1.032] | Catalytic asymmetric epoxidation of α-branched enals O. Lifchits*, C.M. Reisinger, B. List, <i>Max-Planck-Institut für Kohlenforschung, Germany</i> |
| [P1.033] | Chiral primary aminoalcohol organocatalysts for a stereoselective domino Michael-aldol reaction C. Arróniz, C. Escolano*, J. Bosch, M. Amat, J. Luque, <i>University of Barcelona, Spain</i> |
| [P1.034] | Synthesis and properties of new acidic monomers for enamel-dentin adhesives J. Angermann ^{*1} , T. Bock ¹ , U. Fischer ¹ , I. Lamparth ¹ , N. Moszner ¹ , J. Pavlinec ² , ¹ Ivoclar Vivadent AG, Liechtenstein, ² Slovak Academy of Science, Slovakia |
| [P1.035] | Stereoselective synthesis of cyclohexanones and dihydrofurans via cascade reactions of curcumins with activated alkenes N. Ayyagari*, I.N.N. Namboothiri, <i>IIT Bombay, India</i> |
| [P1.036] | Design, synthesis and biological evaluation of 1-fluoroalkyl-1,1-bisphosphonic acids against <i>Trypanosoma cruzi</i> and <i>Toxoplasma gondii</i> S. Szajnman ¹ , L. Malayil ² , M. Galizzi ² , S. Moreno ² , R. Docampo ² , J. Rodriguez ^{*1} , ¹ Universidad de Buenos Aires, Argentina, ² University of Georgia, USA |
| [P1.037] | First examples of N-arylation of cyano-carbanions Y. Gololobov*, S. Barabanov, A. Peregudov, <i>INEOC Russian academy of science, Russia</i> |
| [P1.038] | Studies on the structural and stereochemical requirements of C75 to be an effective inhibitor of food intake and body weight K. Makowski ^{1,2} , ¹ Universitat de Barcelona, Spain, ² CIBER Fisiopatología de la Obesidad y la Nutrición, Spain |
| [P1.039] | Synthesis of 2,5-disubstituted 1,2,4-triazole-3-thiones and heterocyclic systems containing 1,2,4-triazole ring M. Kodomari ^{*1} , T. Kai ¹ , T. Aoyama ² , ¹ Shibaura Institute of Technology, Japan, ² Nihon University, Japan |
| [P1.040] | Stereocontrolled addition of 4-silyloxy-1,2-allenes to aldehydes by hydroboration J. Garcia, X. Ariza, C. Sánchez*, <i>Universitat de Barcelona, Spain</i> |

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| [P1.041] | Enantiopure 1,4-diols and 1,4-aminoalcohols through stereoselective acyclic sulfoxide-sulfenate rearrangements R. Fernández De La Pradilla, I. Colomer*, M. Ureña, A. Viso, <i>Instituto de Química Orgánica General, Spain</i> |
| [P1.042] | Multicomponent synthesis of gamma-butyrolactones under barbier-like conditions C. Le Floch*, E. Le Gall, E. Léonel, T. Martens, <i>Institut de Chimie et des Matériaux Paris Est, France</i> |
| [P1.043] | Stereoselective synthesis of natural (-)-perillaldehyde-based β-amino acids via conjugate Michael addition of lithium amides Z. Szakonyi ¹ , R. Sillanpää ² , F. Fülöp ¹ , ¹ <i>University of Szeged, Hungary</i> , ² <i>University of Jyväskylä, Finland</i> |
| [P1.044] | Catalytic enantioselective protonation of enol trifluoroacetates A. Claraz*, J. Leroy, S. Oudeyer, V. Levacher, <i>INSA Rouen, France</i> |
| [P1.045] | On water synthesis of substituted 2-amino-4H-chromenes catalyzed by green and reusable copper(II) sulphate F.K. Behbahani*, M. Sadeghi, S. Fouladi, <i>Islamic Azad University, Iran</i> |
| [P1.046] | Synthetic study on zanamivir using anti-selective catalytic asymmetric nitroaldol (Henry) reaction T. Nitabaru ^{*1,2} , N. Kumagai ¹ , M. Shibasaki ¹ , ¹ <i>Institute of Microbial Chemistry, Japan</i> , ² <i>University of Tokyo, Japan</i> |
| [P1.047] | An efficient Iron(III)-promoted method for the one-pot synthesis of 7,10,11,12-tetrahydrobenzo[c]acridin-8(9H)-one derivatives F.K. Behbahani*, M. Farahani, T. Sheibani, <i>Islamic Azad University, Iran</i> |
| [P1.048] | A multi-component L-proline-promoted synthesis of 2-amino-4H-chromenes F.K. Behbahani*, M. Ghorbani, <i>Islamic Azad University, Iran</i> |
| [P1.049] | Functionalization of carboxylated Multi-wall Nanotubes with pirimidine-4,5-diamine S. Zomorodbakhsh*, M. Entezari, <i>Islamic Azad University, Iran</i> |
| [P1.050] | Synthesis and application of diazo compounds as UV-absorbers S. Zomorodbakhsh, H. Motevasel*, <i>Islamic Azad University, Iran</i> |
| [P1.051] | Synthesis of pyrrole with functionalization of aminated Multi-wall Nanotubes H. Motevasel, S. Zomorodbakhsh*, <i>Islamic Azad University, Iran</i> |
| [P1.052] | Enantioselective addition of trimethylsilyl cyanide to aldehydes induced by a new chiral schiff base S. Zomorodbakhsh*, H. Motevasel, A. Shameli, <i>Islamic Azad University, Iran</i> |
| [P1.053] | Synthesis of 6,9-disubstituted purines N. Mur*, M.D. Pujol, <i>University of Barcelona, Spain</i> |
| [P1.054] | Tunable diastereoselective synthesis of calix[4]arenes and ferrocenes: Stereocontrol through ligand choice S.A. Herbert ^{*1,2} , J.P. Clayden ¹ , G.E. Arnott ² , ¹ <i>University of Manchester, UK</i> , ² <i>University of Stellenbosch, South Africa</i> |
| [P1.055] | Synthesis of spiro[indeno[1,2-b]furan]-triones via a three-component tandem Knoevenagel cyclocondensation reaction S. Ahadi*, M. Abaszadeh, A. Bazgir, <i>Shahid Beheshti University, Iran</i> |
| [P1.056] | An efficient three-component domino reaction for the synthesis of functionalized spirocyclic oxindoles G. Imani Shakibaei*, A. Feiz, A. bazgir, <i>Shahid Beheshti University, Iran</i> |
| [P1.057] | Gold(I)-catalyzed cycloisomerization of alkynyl hydroxyallyl tosylamides to 4-Oxa-6-azatricyclo[3.3.0.0^{2,8}]octanes Y. Chung*, S.Y. Kim, J. Park, J. Cho, Y. Kang, Y. Park, <i>Seoul National University, South Korea</i> |
| [P1.058] | One-pot synthesis of arylthiophenes and furans using base- and acid-supported reagents T. Aoyama ^{*1} , T. Nagaoka ¹ , T. Takido ¹ , M. Kodomari ² , ¹ <i>Nihon University, Japan</i> , ² <i>Shibaura Institute of Technology, Japan</i> |
| [P1.059] | Ring opening of dihydro-2-pyridones and intramolecular Diels-Alder reactions S.S.P. Chou*, C.J.J. Wu, <i>Fu Jen Catholic University, Taiwan</i> |
| [P1.060] | Linear polymer-supported potassium N-oxyl succinimide: Application as a novel catalyst for cyanosilylation of carbonyl compounds J. Amani*, S. Amani Tazehkand, <i>Islamic Azad University, Iran</i> |
| [P1.061] | Asymmetric cationic cyclization-enabled concise synthesis of cephalotaxine X. Li*, H. Liu, R. Hong, <i>Shanghai Institute of Organic Chemistry, China</i> |
| [P1.062] | Synthesis and applications of poly (vinylpyrrolidone)-grafted silica as a polymeric cosolvent catalyst in ring opening of epoxides B. Tamami, R. Teimouri*, <i>Shiraz University, Iran</i> |
| [P1.063] | Synthesis of functionalized ketenimines and azadienes via a regioselective reaction of Isatoic anhydride and acetylenic esters in the presence of isocyanides under thermal solvent-free conditions S. Arab Salmanabadi*, I. Yavari, <i>Islamic Azad University, Iran</i> |
| [P1.064] | Ionic liquids - 2-hydroxyethylammonium lactates as solvents and catalysts for condensation reactions A. Zicmanis*, S. Pavlovica, E. Gzibovska, M. Klavins, P. Mekss, <i>University of Latvia, Latvia</i> |

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| [P1.065] | Solvent-free synthesis of functionalized benzothiazole derivatives via a cascade one-pot multicomponent reaction from 2-aminobenzothiazole, isothiocyanates in the presence of electron-deficient acetylenic esters S. Arab Salman Abadi*, I. Yavari, <i>Islamic Azad University, Iran</i> |
| [P1.066] | Design, synthesis and antileishmanial activity of novel 5-(5-nitrofuran-2-yl)-1,3,4-thiadiazoles with piperazinyl-linked benzamidine substituents A. Tahghighi ¹ , F.R. Marznaki ² , S. Dastmalchi ¹ , J. Shahbazi ¹ , F. Kobarfard ³ , S. Ardestani ² , S. Emami ⁴ , A. Shafiee ⁵ , A. Foroumadi ⁵ , ¹ <i>Tabriz University of Medical Sciences, Iran</i> , ² <i>University of Tehran, Iran</i> , ³ <i>Shahid Beheshti University, Iran</i> , ⁴ <i>Mazandaran University of Medical Sciences, Iran</i> , ⁵ <i>Tehran University of Medical Science, Iran</i> |
| [P1.067] | Asymmetric total synthesis of an archaeal 36-membered macrocyclic diether lipid C. Ferrer*, A.J. Minnaard ¹ , ¹ <i>Rijksuniversiteit Groningen, The Netherlands</i> |
| [P1.068] | Electrogenerated N-heterocyclic carbenes: A new challenge in electrosynthesis M. Feroci ¹ , M. Orsini ² , I. Chiarotto ¹ , G. Sotgiu ² , A. Inesi ¹ , ¹ <i>University Sapienza, Italy</i> , ² <i>University RomaTre, Italy</i> |
| [P1.069] | How to swap halide ions for a variety of anions in imidazolium-based ionic liquids I. Dinarès*, A. Ibañez, N. Mesquida, E. Alcalde, <i>Universitat de Barcelona, Spain</i> |
| [P1.070] | Imidazolium anion receptors and sensors revisited. A halide-to-anion swap using anion exchange resins (A⁻ form) A. Ibañez*, I. Dinarès, N. Mesquida, E. Alcalde, <i>Universitat de Barcelona, Spain</i> |
| [P1.071] | Indene-based frameworks. A short route to advanced key intermediates N. Mesquida*, S. López-Pérez, I. Dinarès, <i>Universitat de Barcelona, Spain</i> |
| [P1.072] | 2-(3-Indolyl)quinolines as novel structures starting from 3-(cyanoacetyl)indoles and o-aminoaryl ketones M. Shirir ¹ , M.A. Zolfigol ² , M. Pirveisian ² , ¹ <i>Alzahra University, Iran</i> , ² <i>Bu-Ali Sina University, Iran</i> |
| [P1.073] | Synthesis and electron transport properties of some new 4-tert-butylcalix[4]arene derivatives in thin films R. Danac*, L. Leontie, R. Rusu, A. Carlescu, <i>"Al. I. Cuza" University of Iasi, Romania</i> |
| [P1.074] | Chiral cyclobutane containing ureas and thioureas as organocatalysts or ligands for metal catalysis O. Illa*, A. Gargallo, M. Sans, R.M. Ortuño, <i>Universitat Autònoma de Barcelona, Spain</i> |
| [P1.075] | Hybrid cyclobutane-proline gamma,gamma-peptides: Synthesis, structure and properties R.M. Ortuño*, M. Royo ² , O. Illa ¹ , P. Nolis ¹ , R. Gutiérrez-Abad ¹ , D. Carbajo ² , ¹ <i>Universitat Autònoma de Barcelona, Spain</i> , ² <i>Universitat de Barcelona, Spain</i> |
| [P1.076] | Toward the total synthesis of nakadomarin A E.S. Laloy*, J.S. Clark ¹ , P.V. Fish ² , ¹ <i>Glasgow University, UK</i> , ² <i>Pfizer Ltd, UK</i> |
| [P1.077] | Synthesis of O-heterocycles from chiral carbenoids E. Hansen*, S. Clark, <i>University of Glasgow, UK</i> |
| [P1.078] | New conjugated systems by regioselective reaction of D-π-A compounds with an electron-donor alkyne E. Galán*, R. Andreu, J. Garín, J. Orduna, <i>Universidad de Zaragoza-CSIC, Spain</i> |
| [P1.079] | Synthesis of a novel class of azapeptidomimetics R. Chadli*, J. Kajima Mulengi, <i>Université Abou Bekr Belkaid, Algeria</i> |
| [P1.080] | Synthesis of amdio-N-imidazolium salts and their applications as ligands in Suzuki reactions : Synthesis of milrinone and irbesartan S. Lee*, M.R. Kumar ¹ , K.H. Song ² , ¹ <i>Chonnam National University, South Korea</i> , ² <i>Korea University, South Korea</i> |
| [P1.081] | Stability and stereoselective formation of hetaryl leuco-TAM derivatives S.R. Keum*, S.Y. Ma, S.J. Roh, <i>Korea University, South Korea</i> |
| [P1.082] | Synthesis of 5-substituted tetrazoles by multi-component Knoevenagel 1,3-dipolar cycloaddition reaction Z. Tisseh*, M. Dabiri, A. Bazgir, <i>Shahid Beheshti University, Iran</i> |
| [P1.083] | Cascade reactions leading to synthesis of unusual cage compounds A. Hassner*, S. Meir, <i>Bar-Ilan Univ, Israel</i> |
| [P1.084] | Towards the total synthesis of amphidinolide B₁ M. Sidera*, A. Costa, J. Vilarrasa, J. Carrillo, <i>Universitat de Barcelona, Spain</i> |
| [P1.085] | Total synthesis of the phenolic glycolipid Mycoside B, a virulence marker of <i>Mycobacterium tuberculosis</i> S. Barroso*, B. Ter Horst ¹ , A.J. Minnaard ¹ , ¹ <i>University of Groningen, The Netherlands</i> |
| [P1.086] | Synthesis, NMR characterization, <i>in vitro</i> antitumor activity and safety of new anthracene-derived aminophosphonic acid diesters I. Kraicheva*, K. Troev, M. Topashka-Ancheva, T. Gerasimova, I. Ivanov, A. Kril, <i>Bulgarian Academy of Sciences, Bulgaria</i> |
| [P1.087] | Synthesis and biological evaluation of small molecules as inhibitors of west Nile virus NS2B-NS3 protease S. Samanta*, T. Cui ² , Y.L. Lam ¹ , ¹ <i>National University of Singapore, Singapore</i> , ² <i>Singapore Polytechnic, Singapore</i> |
| [P1.088] | Palladium-catalyzed N-H pyrrole formation from β-ketoester and bromoallylamine S. Bénard*, L. Neuville ¹ , J. Zhu ² , ¹ <i>Institut de Chimie des Substances Naturelles, France</i> , ² <i>Ecole Polytechnique Federale de</i> |

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| | <i>Lausanne, Switzerland</i> |
| [P1.089] | Cascade annulations of zwitterions as complexity generating reactions: Stereoselective synthesis of polycyclic benzopyrones B. Baskar ¹ , K. Wittstein ^{1,2} , P.Y. Dakas ¹ , K. Kumar ^{*1,2} , ¹ Max Planck Institute of Molecular Physiology, Germany, ² Technische Univ., Germany |
| [P1.090] | Synthesis of sulfo fatty esters and some surface properties A. Asselah ^{1,2} , A. Tazerouti ^{*1} , ¹ University of Sciences and Technology Houari Boumediene (USTHB), Algeria, ² University M'hamed Bouguerra (UMBB), Algeria |
| [P1.091] | Synthesis of some new androst-3,5-diene derivatives and their cytotoxic activity J. Ajdukovic ^{*1} , M. Savic ¹ , K. Penov Gasi ¹ , M. Sakac ¹ , ¹ Faculty of Sciences, Serbia, ² Institute of Oncology Sremska Kamenica, Serbia |
| [P1.092] | Towards the total synthesis of amphidinolide Y A. Olivella*, C. Rodríguez-Eschrch, F. Urpí, J. Vilarrasa, <i>Universitat de Barcelona, Spain</i> |
| [P1.093] | Studies towards the synthesis of leiodermatolide C. Rink*, V. Navickas, M.E. Maier, <i>Universität Tübingen, Germany</i> |
| [P1.094] | Chiral phosphoric acids and thioureas catalyzed alpha-amidoalkylation reactions in the enantioselective synthesis of benzo-fused isoquinoline systems A. Gómez-SanJuan, E. Aranzamendi, N. Sotomayor, E. Lete*, <i>Universidad del País Vasco, Spain</i> |
| [P1.095] | Transition metal-catalyzed carbon-carbon bond-forming processes: Asymmetric synthesis of substituted quinolines and benzazepines via Heck and RCM reactions O. García-Calvo, U. Martínez-Estibalez, E. Lete, N. Sotomayor*, <i>Universidad del País Vasco, Spain</i> |
| [P1.096] | Synthesis and biological evaluation of benzothiazole-5-carbohidrazide derivatives J.E. Charris*, J.R. Camacho, <i>Universidad Central de Venezuela, Venezuela</i> |
| [P1.097] | Asymmetric synthesis of substituted tetrahydroisoquinolines (THIQ) from a chiral aziridine-2-carboxylate W.K. Lee ^{*1} , H.J. Ha ² , ¹ Sogang University, South Korea, ² Hankuk University of Foreign Studies, South Korea |
| [P1.098] | Tricyclic structures as alpha helix mimetics Z. Lim ^{*1,2} , P.J. Duggan ² , A.G. Meyer ² , K.L. Tuck ¹ , ¹ Monash University, Australia, ² CSIRO, Australia |
| [P1.099] | Chelating carboxylic acid amides as new and robust relay protection of carboxylic acids to be activated for mild cleavage (deprotection) by unusual complexation of the amide nitrogen M.C. Bröhmer ¹ , S. Mundinger ² , S. Bräse ¹ , W. Bannwarth ^{*2} , ¹ University of Karlsruhe, Germany, ² University of Freiburg, Germany |
| [P1.100] | Novel host blue luminescent materials for organic light-emitting diodes based on C-9 fluorenyl substituted anthracenes H. Du*, W. Wan, J. Hao, S. Zhu, H. Jiang, <i>Shanghai University, China</i> |
| [P1.101] | New approach to peptidomimetic PAR1 antagonists. Design, synthesis and evaluation P. Ventosa-Andrés ¹ , A.M. Valdivielso ¹ , M.T. García-López ¹ , M. Gutiérrez-Rodríguez ¹ , R. Herranz ^{*1} , N.E. Tsopanoglou ² , ¹ Instituto de Química Médica (CSIC), Spain, ² University of Patras, Greece |
| [P1.102] | Stereoselective synthesis of P-stereogenic aminophosphines: Ring opening of bulky oxazaphospholidines T. León ^{*1,2} , A. Riera ^{1,2} , X. Verdager ^{1,2} , ¹ Institute for Reserch in Biomedicine (IRB Barcelona), Spain, ² Universitat de Barcelona, Spain |
| [P1.103] | One-pot multi-component synthesis of 5-azaindoes Z. Xi*, S. Zhang, W.X. Zhang, <i>Peking University, China</i> |
| [P1.104] | Towards the total synthesis of Chaetochalasin A E.J. Thomas*, M.D. Willis, <i>University of Manchester, UK</i> |
| [P1.105] | Optical properties of some compounds 1, 3-diaryl prop-2-enone Y. Abdi ¹ , M. Makhloufi ¹ , S. Hamdi ¹ , M. Hamdi ¹ , B. Boutemur ^{*1} , ¹ Université des Sciences et de la Technologie Houari Boumediène, Algeria, ² Institut Fédératif de Biologie, France |
| [P1.106] | Ring enlargement of lactam-tethered allenols with electrophilic halogenated reagents. Controlled preparation of α-keto and β-keto lactams B. Alcaide ¹ , P. Almendros ² , A. Luna ^{*1} , ¹ Universidad Complutense de Madrid, Spain, ² Instituto de Química Orgánica General, Spain |
| [P1.107] | Rhodium(II)-catalyzed multicomponent synthesis of 3-substituted-3-hydroxy-β-lactams with two novel adjacent stereogenic centers B. Alcaide ¹ , P. Almendros ² , C. Aragoncillo ¹ , R. Callejo ¹ , M.P. Ruiz ^{*1} , ¹ Universidad Complutense de Madrid, Spain, ² Instituto de Química Orgánica General, Spain |

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| [P1.108] | Deprotection of tertiary amines by visible-light photoredox catalysis C. Vila*, M. Rueping, <i>RWTH Aachen University, Germany</i> |
| [P1.109] | Total synthesis of the isodomoic acids N. Fleary-Roberts*, G. Lemi re, S. Sedehizadeh, J. Toueg, J.P. Clayden, <i>University of Manchester, UK</i> |
| [P1.110] | Synthesis of oligonucleotide-peptide conjugates for gene silencing experiments S. Grijalvo ^{2,3} , A. Avi  o ^{2,3} , M. Terrazas ^{1,2} , R. Eritja ^{*1,2} , ¹ IRB Barcelona, Spain, ² IQAC-CSIC, Spain, ³ CIBER-BBN, Spain |
| [P1.111] | Insights into the iodoaminocyclization of γ-aminoalkenes: Synthesis and reactivity of trans-5-iodo-2-phenylpiperidines F. Diaba*, J. Bonjoch, <i>Barcelona University, Spain</i> |
| [P1.112] | Dearomatising cyclisations of pyridine derivatives J. Senczyszyn*, J. Clayden, <i>University of Manchester, UK</i> |
| [P1.113] | Stereocontrolled synthesis of C₂₀ fragment present in all-trans-(8r,6r)-peridin-5,8-furanoxide L. Otero*, B. Vaz, R. Alvarez, A.R. De Lera, <i>Universidade de Vigo, Spain</i> |
| [P1.114] | Reactivity of indolizynyl singlet carbenes from 2-enynylpyridines and their potential in organic synthesis I. Lahoz*, C. Silva-L pez, A. Navarro-V zquez, M.M. Cid-Fern ndez, <i>Universidade de Vigo, Spain</i> |
| [P1.115] | Propionate scanning in benzolactones C. Wintterle*, M.E. Maier, <i>Universit t T bingen, Germany</i> |
| [P1.116] | New somatostatin analogues. Importance of aromatic-aromatic interactions in their structure and biological activity. P. Mart n-Gago*, J. Fern ndez-Carneado ⁴ , P. Mart n-Malpartida ¹ , M.J. Macias ^{1,3} , A. Riera ^{1,2} , ¹ Institute for Research in Biomedicine (IRB Barcelona), Spain, ² Universitat de Barcelona, Spain, ³ Catalan Institution for Research and Advanced Studies (ICREA), Spain, ⁴ BCN Peptides, S.A., Spain |
| [P1.117] | Synthesis of of symmetrical and unsymmetrical diarylalkynes from propiolic acid using Pd-catalyzed decarboxylative coupling K.H. Song*, H.J. Lee ¹ , S. Lee ² , K. Park ² , ¹ Korea University, South Korea, ² Chonnam National University, South Korea |
| [P1.118] | Catalytic oxidation of C-H bond α to the CF₃ group by tetramethyl ammonium hydroxide X. Ke*, J. Wang ¹ , W. Wan ¹ , H. Jiang ¹ , S. Zhu ² , J. Hao ^{1,2} , ¹ Shanghai University, China, ² Shanghai Institute of Organic Chemistry, China |
| [P1.119] | Synthesis of new amino-bis-hydroxyphosphonates S. Bettoui, A. Atmani*, B. Bensaid, <i>Universit  ABB Tlemcen, Algeria</i> |
| [P1.120] | POCl₃ as a useful reagent for S-alkylation of thiols with alcohols under solvent-free conditions K. Bahrami*, M.M. Khodaei, N. Khodadostan, <i>Razi University, Iran</i> |
| [P1.121] | An efficient protocol for the synthesis of the marine natural products prepolycitrin A and polycitrins A and B R.S. Ribeiro*, A.P. Beajoli, P. Prediger, C.D. Correia, <i>Universidade Estadual de Campinas, Brazil</i> |
| [P1.122] | Synthesis of Mibefradil analogues as T-type calcium channels blockers T.H. Kwon ^{*1,2} , S.J. Ku ² , J.Y. Lee ¹ , D.J. Choo ¹ , Y.S. Cho ² , S.J. Min ² , ¹ Kyung Hee University, South Korea, ² Korea Institute of Science and Technology (KIST), South Korea |
| [P1.123] | Synthesis of benzo[a]quinolizine by oxidative C-H activation followed by intramolecular aza-prins-type cyclization Y.W. Son ^{*1,2} , Y.S. Cho ¹ , J.Y. Lee ² , S.J. Min ¹ , ¹ Korea Institute of Science and Technology, South Korea, ² Kyung Hee University, South Korea |
| [P1.124] | Agarose hydrogel as a bioorganic ligand and support for palladium nanoparticles used for mizoroki-heck reaction under solvent free conditions H. Firouzabadi, N. Iranpoor, F. Kazemi*, M. Gholinejad, <i>Shiraz University, Iran</i> |
| [P1.125] | Synthetic design and cytotoxic activity of 3-C, N, S, Se substituted benzo[b]selenophenes E. Paegle*, P. Arsenyan, <i>Latvian Institute of Organic Synthesis, Latvia</i> |
| [P1.126] | Synthesis and anticonvulsant activity of fluoroalkyl substituted hetero-bicyclic compounds H. Mao*, H. Zhuang ¹ , W. Wan ¹ , H. Jiang ¹ , S. Zhu ² , J. Hao ¹ , ¹ Shanghai University, China, ² Shanghai Institute of Organic Chemistry, China |
| [P1.127] | Synthesis of Naphth[1,2-e][1,3]oxazino[2,3-a][1,3]isoquinoline derivatives I. Szatm ri*, F. F l p, <i>University of Szeged, Hungary</i> |
| [P1.128] | A Mg-catalysed grignard-type reaction: Boration of benzylic halides with 10 mol% of magnesium E. Dunach*, S. Olivero ¹ , C. Pintaric ¹ , Y. Gimbert ² , P.Y. Chavant ² , ¹ University Nice, France, ² University Grenoble, France |
| [P1.129] | The syntheses and cytotoxicity of new polyfluorinated 1,4-naphthoquinone derivatives L.I. Goryunov*, N.M. Troshkova, S.I. Zhivetyeva, V.D. Shteingarts, O.A. Zakharova, L.P. Ovchinnikova, G.A. Nevinsky, <i>Russian Academy of Sciences, Russia</i> |
| [P1.130] | Domino reactions involving a catalytic oxidative process from enamides F. Drouet*, G. Masson ¹ , J. Zhu ² , ¹ Institut de Chimie des Substances Naturelles, France, ² Ecole Polytechnique F d rale de |

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| | <i>Lausanne, Switzerland</i> |
| [P1.131] | 5a,13-Methano-1,3-benzoxazepino[3,2-<i>a</i>]indoles as new ultrafast photochromic switches A. Sackus* ¹ , V. Martynaitis ¹ , N. Kleizienė ¹ , V. Amankaviciene ¹ , L. Kontenis ² , M. Vengris ² , ¹ <i>Kaunas University of Technology, Lithuania</i> , ² <i>Vilnius University, Lithuania</i> |
| [P1.132] | A new metal - free approach for diamination of olefins by using hypervalent iodine - reagents C. Röben* ¹ , J. Souto ¹ , Y. González ¹ , A. Iglesias ¹ , K. Muñiz ^{1,2} , ¹ <i>Institute of Chemical Research of Catalonia (ICIQ), Spain</i> , ² <i>Catalan Institution for Research and Advanced Studies (ICREA), Spain</i> |
| [P1.133] | New endomorphin-2 analogues incorporating constrained homologated phenylalanine residues F. Airaghi* ¹ , G. Balboni ² , G. Lesma ¹ , A. Sacchetti ³ , A. Silvani ¹ , ¹ <i>Università degli Studi di Milano, Italy</i> , ² <i>Università di Cagliari, Italy</i> , ³ <i>Politecnico di Milano, Italy</i> |
| [P1.134] | Sequential double α-arylation Of <i>N</i>-allylureas By asymmetric deprotonation and N-C aryl migration D.J. Tetlow* ¹ , J. Clayden ¹ , M. Waring ² , D. Clarke ² , ¹ <i>University of Manchester, UK</i> , ² <i>Astrazeneca, UK</i> |
| [P1.135] | Tandem carbolithiation/rearrangement of ureas: Synthesis of cyclic α-tertiary amines M.B. Tait* ¹ , J. Clayden ¹ , N. Kindon ¹ , ¹ <i>University of Manchester, UK</i> , ² <i>Astrazeneca R&D Charnwood, UK</i> |
| [P1.136] | Synthesis and antiproliferative activity of some new B-modified D-homo derivatives from dehydroepiandrosterone M. Savic*, J. Ajdukovic, A. Gakovic, E. Djurendic, M. Sakac, K. Penov-Gasi, <i>University of Novi Sad, Serbia</i> |
| [P1.137] | Ligand controlled cyclization of 1,5-enyne: From cyclopropyl gold(I) carbenes to gold(I)-stabilized carbocations N. Huguet*, V. López-Carrillo, A. Mosquera, A.M. Echavarren, <i>Intitute of Chemical Research of Catalonia, Spain</i> |
| [P1.138] | Stereoselectivity of foiled carbenes in intermolecular reactions I.M. Apeland*, U.H. Brinker, <i>University of Vienna, Austria</i> |
| [P1.139] | Precise organocatalytic control-trigger for Morita-Baylis-Hillman (MBH) or tandem MBH-cross-aldol reaction between 2-cyclopenten-1-one and formaldehyde K.P. Guerra*, C.A.M. Afonso, <i>Lisbon University, Portugal</i> |
| [P1.140] | Catalytic asymmetric synthesis of glycolipids from <i>Mycobacterium tuberculosis</i> D. Geerdink*, A.J. Minnaard, <i>University of Groningen, The Netherlands</i> |
| [P1.141] | A diastereodivergent approach to C8-arylated polyhydroxylated indolizidinones L.M. Pardo* ¹ , I. Tellitu ¹ , E. Domínguez ¹ , ¹ <i>Universidad del País Vasco, Spain</i> |
| [P1.142] | Classical and non-classical alkylating agent in one. Novel Pt(II) - mechlorethamine complex as artificial metallopeptidase and soybean lipoxygenase inhibitor Z.D. Petrovic* ¹ , V.P. Petrovic ¹ , S. Markovic ¹ , D. Simijonovic ¹ , D. Hadjipavlou-Litina ² , ¹ <i>University of Kragujevac, Serbia</i> , ² <i>Aristotle University of Thessaloniki, Greece</i> |
| [P1.143] | A facile preparation of hydroxylated potassium organotrifluoroborates and their Jones oxidation to potassium organocarbonyltrifluoroborates J. Ham* ^{1,2} , K. Bolla ^{1,2} , D.S. Kim ¹ , J.H. Song ¹ , H.J. Lee ¹ , S.H. Park ¹ , ¹ <i>Korea Institute of Science and Technology, South Korea</i> , ² <i>University of Science and Technology, South Korea</i> |
| [P1.144] | Enantioselective synthesis of β-CF₃-substituted carbonyl compounds via the ruthenium-catalyzed redox isomerization of trifluoromethylated allylic alcohols V. Bizet* ^{3,2} , J.L. Renaud ⁴ , X. Pannecoucke ^{3,1} , D. Cahard* ¹ , ¹ <i>CNRS, France</i> , ² <i>Université de Rouen, France</i> , ³ <i>INSA de Rouen, France</i> , ⁴ <i>Université de Caen, France</i> |
| [P1.145] | Au(III)-catalyzed conversion of oximes to carbonyl compounds C. Isart*, D. Bastida, J. Burés, J. Vilarrasa, <i>Universitat de Barcelona, Spain</i> |
| [P1.146] | Supramolecular hydrogels with potential impact on the inhibition of amyloid aggregation B. Escuder, J.F. Miravet, M. Tena*, <i>Universidad Jaume I, Spain</i> |
| [P1.147] | A flexible synthetic approach to bicyclic heteroaromatic compounds as ATPase inhibitors J. Sayer* ¹ , K. Wallden ² , M. Simone ¹ , G. Waksman ^{1,2} , A. Tabor ¹ , ¹ <i>University College London, UK</i> , ² <i>Birkbeck, UK</i> |
| [P1.148] | Pyrenylalkyl DOTA monoamide derivatives V. Negri* ^{1,3} , A. Sierra ¹ , R. Pagliarin ² , S. Cerdán ³ , P. Ballesteros ¹ , ¹ <i>UNED, Spain</i> , ² <i>Università degli studi di Milano, Italy</i> , ³ <i>CSIC, Spain</i> |
| [P1.149] | Synthesis and biological evaluation of benzoisothiazole and benzothiazole derivatives as 5-HT₆ receptor antagonists E. Yoo ¹ , H. Rhee ¹ , H. Rhim ² , H. ParkChoo* ¹ , ¹ <i>Ewha Womans University, South Korea</i> , ² <i>Korea Institute of Science & Technology, South Korea</i> |
| [P1.150] | O-iodoxybenzoic acid/triethylamine: A new system for synthesis of 2-amino/thio-1,3,4-oxadiazoles via oxidative cyclodesulfurization of thiosemicarbazides K.G. Akamanchi, P.S. Chaudhari*, <i>Institute of Chemical Technology, India</i> |

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| [P1.151] | Supramolecular catalysis with extended aggregates J.F. Miravet, B. Escuder, C. Berdugo*, <i>Universidad Jaume I, Spain</i> |
| [P1.152] | A novel pseudo-four-component one-pot isocyanide-based reaction of diamines: Synthesis of new tetrahydrodiisoindoloquinoline and tetrahydrobenzodiisoindoloquinoline derivatives A. Shaabani*, F. Hajishaabaniha, M. Mahyari, H. Mofakham, S. Shaabani, <i>Shahid Beheshti University, Iran</i> |
| [P1.153] | Synthesis of novel disorazole C₁ analogues utilising the evans- tishchenko reaction and ring closing alkyne metathesis H.S. Niblock ^{*1} , P.D. Dorgan ¹ , K. Ralston ¹ , A. Saunders ¹ , M.J. Cases-Thomas ² , A.N. Hulme ¹ , ¹ <i>The Univeristy of Edinburgh, UK</i> , ² <i>Eli Lilly & Co. Ltd., UK</i> |
| [P1.154] | Catalytic activity of halohydrin dehalogenases towards spiroepoxides M. Majeric Elenkov*, M. Cacak, I. Dokli, A. Brcko, B. Salopek Sondi, <i>Ruder Boskovic Institute, Croatia</i> |
| [P1.155] | The enantioselective hydrogenation of prochiral derivative of beta-amino acrylic acid. J. Richter, J. Jirman*, <i>Zentiva k.s., Czech Republic</i> |
| [P1.156] | The biodegradation of fluorinated pesticides and their intermediates H. Luo*, W. Wan, H. Jiang, S. Zhu, J. Hao, <i>Shanghai University, China</i> |
| [P1.157] | Asymmetric oganocatalytic synthesis of tetrahydroquinolines via 1,5-hydride transfer/ring closure Y.K. Kang*, D.Y. Kim, <i>Soonchunhyang University, South Korea</i> |
| [P1.158] | Quartz Crystal Microbalance: A promising method for the characterization of copolymer maleic anhydride-styrene with photochrome dye C. Radulescu ¹ , I. Ionita ¹ , V. Cimpoca ^{1,3} , I.V. Popescu ^{1,2} , C. Stih ¹ , I.D. Dulama ^{*3} , ¹ <i>Valahia University of Targoviste, Romania</i> , ² <i>Academy of Romanian Scientists, Romania</i> , ³ <i>Multidisciplinary Research Institute for Science and Technologies, Romania</i> |
| Poster Session 2 - Wednesday 22 June 16:50-17:50 & Thursday 23 June 10:40-11:40 | |
| [P2.001] | Cu(I or II) / ligand catalyzed electrophilic amination of organozinc reagents T. Daskapan*, S. Koca, <i>Ankara University, Turkey</i> |
| [P2.002] | Phytochemical screening of essential oil of leaves of Thymus citriodorus L. growing wild in Morocco: antibacterial activity of there extrait tested on the bacterial strains responsible of nosocomial infection. F. Mharti*, H. Daoudy, Z. Jalal, M. Khatouf, B. Lyoussi, A. Abdellaoui, <i>Faculty of sciences, Morocco</i> |
| [P2.003] | Titanocene (III) mediated radical induced synthesis of optically active bis-gama-butyrolactone skeleton S. Saha*, S.K. Mandal, S.C. Roy, <i>Indian Association for the Cultivation of Science, India</i> |
| [P2.004] | Towards abiotic receptors for azoles C. Nieto ^{*1} , A. García ¹ , A. Farrán ¹ , R. Claramunt ¹ , E. Pinilla ² , R. Torres ² , ¹ <i>UNED, Spain</i> , ² <i>UCM, Spain</i> , ³ <i>CSIC, Spain</i> |
| [P2.005] | A novel one-pot four-component synthesis of pyrimido[6,1-a]isoquinolines A. Rezvanian*, A. Alizadeh, <i>Tarbiat Modares University, Iran</i> |
| [P2.006] | A novel approach to pyrrolo[1,2-a]-fused-1,3-diazaheterocycles via one-pot nitro ketene dithioacetal based three-component reaction A. Rezvanian*, A. Alizadeh, <i>Tarbiat Modares University, Iran</i> |
| [P2.007] | Studies towards the total synthesis of herboxidiene M. Pellicena, K. Kramer, P. Romea*, F. Urpí, <i>University of Barcelona, Spain</i> |
| [P2.008] | Asymmetric total synthesis of highly functionalized pyrrolizidinones and pyrrolizidines from a morita-baylis-hillman adduct K.R. De Luna Freire, F. Coelho*, <i>UNICAMP, Brazil</i> |
| [P2.009] | Preparation and study of polystyrene-supported gold(I) catalysts. Towards efficient continuous flow catalytic processes M. Raducan ¹ , C. Rodríguez-Eschrí ¹ , X.C. Cambeiro ^{*1} , M.A. Pericàs ^{1,2} , A.M. Echavarren ^{1,3} , ¹ <i>The Institute of Chemical Research of Catalonia, Spain</i> , ² <i>Universitat de Barcelona, Spain</i> , ³ <i>Universitat Rovira i Virgili, Spain</i> |
| [P2.010] | Helquats can promote Povarov reaction P.E. Reyes-Gutierrez*, T.T. Amatov, P. Svec, D. Saman, F. Teply, <i>Institute of Organic Chemistry and Biochemistry AS CR, v.v.i., Czech Republic</i> |
| [P2.011] | Starch as a new catalyst for mild and efficient aminolysis of epoxides under solvent-free condition R. Rezaei*, H. Khorshidi, <i>Islamic Azad University, Iran</i> |
| [P2.012] | New proline-based organocatalysts for iminium activation in aqueous media. Enantioselective cyclopropanation of α,β-unsaturated aldehydes J.I. Matínez*, L. Carrillo, J.L. Vicario, D. Badía, E. Reyes, <i>UPV-EHU, Spain</i> |
| [P2.013] | Direct organocatalytic synthesis of pyrazolidines and derivatives M. Fernández*, E. Reyes, J.L. Vicario, D. Badía, L. Carrillo, <i>UPV-EHU, Spain</i> |

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| [P2.014] | Copper-catalyzed conversion of aromatic boronic acids to aryl carbamates E. Kianmehr*, M.H. Baghersad, <i>University of Tehran, Iran</i> |
| [P2.015] | Palladium-catalyzed synthesis of 3-formylindoles E. Kianmehr*, N. Faghih, <i>University of Tehran, Iran</i> |
| [P2.016] | Palladium-catalyzed synthesis of 3-(1-alkyl-1H-indol-3-yl)-2,3-diarylacrylonitrile E. Kianmehr*, H. Hashemi, <i>University of Tehran, Iran</i> |
| [P2.017] | Synthetic studies toward maoecrystal V N. Kravchenko*, M.E. Maier, <i>Tuebingen University, Germany</i> |
| [P2.018] | Phosphonic acid analogues of phenylglycine bearing boronic acid group - synthesis and their use in Suzuki and Petasis reactions A. Rydzewska, P. Kafarski*, <i>Wroclaw University of Technology, Poland</i> |
| [P2.019] | Synthesis and characterisation of mono pyridine-TTF S. Boudiba*, H. Douib, L. Boudiba, A.K. Gouasmia, <i>University of Tebessa, Algeria</i> |
| [P2.020] | Synthesis of novel water soluble small molecule antitubulin agents with antitumor activity that circumvent resistance to Pgp and β-III tubulin A. Gangjee ^{*1} , Y. Zhao ¹ , C. Westbrook ² , S. Nawrocki ² , S. Mooberry ² , E. Hamel ³ , ¹ Duquesne University, USA, ² University of Texas Health Science Center, USA, ³ National Cancer Institute at Frederick, USA |
| [P2.021] | Electrophilic aromatic alkylative introduction of benzoyl group to naphthalene derivative by the use of trihalomethylbenzene A. Okamoto*, T. Sekizuka, N. Yonezawa, <i>Tokyo University of Agriculture and Technology, Japan</i> |
| [P2.022] | Synthesis and biological activity of neuroactive glutamate and GABA analogs M. Oikawa ^{*1} , G. Swanson ³ , R. Sakai ² , ¹ Yokohama City University, Japan, ² Hokkaido University, Japan, ³ Northwestern University, USA |
| [P2.023] | New 2-amino-4-functionalized cyclopentenones from 2-furaldehyde via a one-pot method J.M. Nunes ^{*1} , S. Caddick ² , C.M. Afonso ¹ , ¹ Institute of Nanosciences and Nanotechnology, Portugal, ² University College London, UK |
| [P2.024] | Green chemistry using bismuth compounds: Bismuth(III) salts catalyzed allylation of dioxanes, dithianes, and tetrahydropyranyl ethers, followed by <i>in situ</i> derivatization to generate highly functionalized esters R.S. Mohan*, V.V. Angeles, S.W. Krabbe, M.J. Spafford, <i>Illinois Wesleyan University, USA</i> |
| [P2.025] | The preparation of organophosphine oxides as potential antitumor agents K.H. Lam ^{*1} , C.H. Chui ¹ , C.O. Tang ¹ , W.Y. Wong ¹ , R. Gambari ¹ , S.C. Chan ¹ , ¹ The HK Polytechnic University, Hong Kong, ² HK Baptist University, Hong Kong |
| [P2.026] | Total syntheses of aspidosperma alkaloids via regioselective coupling and diels-alder reaction of 3,5-dibromo-2-pyrone J.-I. Song, I.-K. Park, C.-G. Cho*, <i>Hanyang University, South Korea</i> |
| [P2.027] | Photochemical site specific DNA and RNA transition K. Fujimoto*, K. Konishi-Hiratsuka, A. Shigeno, <i>Japan Advanced Institute of Science and Technology, Japan</i> |
| [P2.028] | Design, synthesis and characterization of a new class of D-A-D materials for optoelectronic applications G. Ferrara ^{*1,2} , J. Tienan ^{1,2} , O. Kazuaki ¹ , J. Zhao ¹ , A. Uzzaman ^{1,2} , Y. Yamamoto ^{1,2} , ¹ Tohoku University, Japan, ² WPI-Advanced Instituted for Materials Research, Japan |
| [P2.029] | Organocatalytic asymmetric conjugate addition of malononitrile to dienones X.M. Li, Z.P. Hu, B.O. Wang, C.L. Lou, M. Yan*, <i>Sun Yat-sen University, China</i> |
| [P2.030] | Magnesium ion-catalysed multi-component reaction for the synthesis of 2, 4, 6-Triaryl Pyridines P. Kanjilal*, J. Umariye, C. Banerjee, <i>Syngenta Research and Technology Centre, India</i> |
| [P2.031] | Synthesis of 2,3,4-trisubstituted furans using DABCO-catalyzed reaction M. Sabbaghan*, A. Yousefi, <i>Shahid Rajaei Teacher Training University, Iran</i> |
| [P2.032] | A rapid four-component synthesis of functionalized thiazoles in water M. Sabbaghan*, M. Alidoust, <i>Shahid Rajaei Teacher Training University, Iran</i> |
| [P2.033] | Solvent-free multicomponent synthesis of N-alkyl 2-[(2-oxo-2-aryl ethyl)amino] benzamide derivatives using isatoic anhydride M. Sabbaghan ^{*1} , Z. Hossaini ² , ¹ Shahid Rajaei Teacher Training University, Iran, ² Islamic Azad University, Iran |
| [P2.034] | Synthesis of a novel cubane amino acid and studies of peptides containing this unusual amino acid Q. Churches*, P. Duggan, J. Tsanaktsidis, <i>Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia</i> |

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| [P2.035] | Molecular modeling studies for A₃ adenosine receptor modulators using ligand- and structure-based approaches J.H. Lee, S. Lee, S. Choi*, <i>Ewha Womans University, South Korea</i> |
| [P2.036] | Towards the total synthesis of Fluvirucin B₂ and B₄ E. Làcer*, E. Gago, F. Urpí, J. Vilarrasa, <i>Universitat de Barcelona, Spain</i> |
| [P2.037] | Total synthesis of polyoxygenated terpenoids isolated from <i>Paeonia albiflora</i> Pallas. D. Clemente-Tejeda*, R. Galán-Fernández, E. Felbermair, F. Bermejo, <i>University of Salamanca, Spain</i> |
| [P2.038] | Asymmetric reactions by NbO-type chiral metal-organic frameworks K.S. Jeong, S.M. Shin, M.S. Lee, S.J. Lee, N. Jeong*, <i>Korea University, South Korea</i> |
| [P2.039] | An enantioselective approach to oxindole alkaloids M. Amat ¹ , P. Florindo ¹ , M. Pérez ¹ , C.M. Ramos* ¹ , M.M. Santos ² , J. Bosch ¹ , ¹ <i>University of Barcelona, Spain</i> , ² <i>University of Lisbon, Portugal</i> |
| [P2.040] | Palladium-catalyzed cross-coupling reactions of gold organometallics with allylic electrophiles M. Peña-López, M. Ayán-Varela, L. Sarandeses, J. Pérez Sestelo*, <i>Universidade da Coruña, Spain</i> |
| [P2.041] | Synthesis of Benzocyclobutenones and α,β-substituted aryl styrenes via Pd-catalyzed C-H functionalizations. A. Flores-Gaspar*, R. Martin, <i>Institute of Chemical Research of Catalonia, Spain</i> |
| [P2.042] | DNA-templated combinatorial assembly of small molecule fragments amenable to selection/amplification cycles M. Ciobanu*, J.P. Daguer-Smith, S. Alvarez, S. Barluenga, N. Winssinger, <i>Université de Strasbourg - CNRS, France</i> |
| [P2.043] | Synthesis of the K-Ras and rheb GTPases and characterization of membrane-mediated induction and sorting of K-Ras microdomain signaling platforms S. Koch ¹ , K. Weise ¹ , S. Kapoor ¹ , R. Winter ¹ , G. Triola* ¹ , H. Waldmann ¹ , ¹ <i>TU Dortmund University, Germany</i> , ² <i>Humboldt University Berlin, Germany</i> |
| [P2.044] | A convenient and simple iodination of indole derivatives S. Hamri ^{1,2} , J. Basset* ¹ , M.D. Pujol ¹ , ¹ <i>Universitat de Barcelona, Spain</i> , ² <i>Université Sultane Moulay Selimane, Morocco</i> |
| [P2.045] | Chelation effects in Rh(I)-catalyzed asymmetric pauson-khand reaction S.H. Park*, Y.H. Choi, D.E. Kim, N. Jeong, <i>Korea University, South Korea</i> |
| [P2.046] | New synthetic routes to anticancer natural products for affinity screening S. Boys, H. Johnston*, A. Hulme, <i>University of Edinburgh, UK</i> |
| [P2.047] | Synthesis of pyrrole strands by electrochemical ring contraction of pyridazine precursors and applications D. Dubreuil* ^{1,4} , J. Lebreton ^{1,4} , M. Pipeleir ^{1,4} , I. Huc ^{3,4} , E. Leonel ² , C. Aube ^{1,4} , ¹ <i>University of Nantes, France</i> , ² <i>University Paris Est Créteil, France</i> , ³ <i>University of Bordeaux, France</i> , ⁴ <i>CNRS, France</i> |
| [P2.048] | Towards the synthesis of guaianolides J.G. Rodriguez*, S. Barluenga, N. Winssinger, <i>Université de Strasbourg, France</i> |
| [P2.049] | Functionalization of foetal osteoblast cells for the development of bone implant F. Borcard* ¹ , H. Comas ¹ , F. Krauss-Juillerat ² , S. Gerber-Lemaire ¹ , L. Juillerat-Jeanneret ³ , U. Gonzenbach ² , ¹ <i>EPFL, Switzerland</i> , ² <i>ETHZ, Switzerland</i> , ³ <i>Institute of Pathology, Switzerland</i> |
| [P2.050] | Peptidotriazoles with antimicrobial activity against plant pathogens I. Güell*, L. Micaló, L. Cano, E. Badosa, E. Montesinos, E. Bardají, M. Planas, L. Feliu, <i>University of Girona, Spain</i> |
| [P2.051] | Cy"click" peptoids: A new class of peptidomimetics N. Petitjean*, C. Fraser, A.N. Hulme, <i>University of Edinburgh, UK</i> |
| [P2.052] | Hypervalent iodine chemistry for the direct arene-arene coupling E. Faggi ¹ , R. Pleixats ¹ , R.M. Sebastián ¹ , A. Vallribera* ¹ , A. Shafir ¹ , A. Rodríguez-Gimeno ² , ¹ <i>Universitat Autònoma de Barcelona, Spain</i> , ² <i>Universidad de Valencia, Spain</i> |
| [P2.053] | Mechanistic study and one-pot synthesis of 2-aryl/fluoroalkyl substituted 1,3-oxazolines Y.S. Cai* ¹ , H.Z. Jiang ¹ , W. Wan ¹ , S.Z. Zhu ² , J. Hao ^{1,2} , ¹ <i>Shanghai University, China</i> , ² <i>Shanghai Institute of Organic Chemistry, China</i> |
| [P2.054] | Synthesis and applications of ketimines derived from α-aminophosphonates J. Vicario*, F. Palacios, D. Aparicio, <i>University of the Basque Country, Spain</i> |
| [P2.055] | Synthesis of anti-microbial compounds A.H. Yasir*, D. Sims-Rotulo, M. Casey, <i>University College Dublin, Ireland</i> |
| [P2.056] | Synthesis and characterization of amidoalkyl coumarins H. Mehrabi*, E. Kanani, <i>Vali-e-Asr University of Rafsanjan, Iran</i> |
| [P2.057] | Studies for the synthesis of multivalent peptides with potential biological activity I. Güell, L. Micaló, M. Planas, L. Feliu*, <i>University of Girona, Spain</i> |
| [P2.058] | A stereoselective inverting sec-alkylsulfatase for the deracemisation of sec-alcohols M. Schober* ¹ , T. Knaus ² , P. Gadler ¹ , P. Macheroux ² , U. Wagner ¹ , K. Faber ¹ , ¹ <i>University of Graz, Austria</i> , ² <i>Graz University</i> |

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| | <i>of Technology, Austria</i> |
| [P2.059] | Programmable in situ activation of small molecule function in response to miRNA - fast fluorescence imaging and 'smart therapeutics' K. Gorska* ¹ , I. Keklikoglou ² , U. Tschulena ² , A. Manicardi ¹ , S. Barluenga ¹ , N. Winssinger ¹ , ¹ Université de Strasbourg, France, ² German Cancer Research Center, Germany |
| [P2.060] | Influence of pyridopyrimidine type compounds on the enzymes of the PI3K/Akt/mTOR pathway T. Saurat* ^{1,2} , F. Buron ¹ , M.L. De Tauzia ² , H. Benedetti ² , S. Routier ¹ , ¹ University of Orleans, France, ² CBM - CNRS Orleans, France |
| [P2.061] | Prolinamide hybrid silica material as efficient, eco-compatible and recyclable chiral organocatalyst R. Pleixats* ¹ , A. Monge ^{1,3} , M. Wong Chi Man ³ , X. Cattoën ³ , D.A. Alonso ² , C. Nájera ² , ¹ Universitat Autònoma de Barcelona, Spain, ² Universidad de Alicante, Spain, ³ Institut Charles Gerhardt, France |
| [P2.062] | Ni-catalyzed reductive cleavage of inert carbon-heteroatom bonds N. Barbero*, R. Martin, <i>Institute of Chemical Research of Catalonia, Spain</i> |
| [P2.063] | Three component, one step synthesis of highly substituted pyridines using ZrOCl₂/NaNH₂ catalyst M.R. Poor Heravi*, F. Fakhr, <i>Payame Noor University, Iran</i> |
| [P2.064] | Ultrasonic-promoted synthesis of 2-Amino-4-aryl-6-(arythio)pyridine-3,5-dicarbonitrile using ZrOCl₂/NaNH₂ catalyst in ionic liquid of [bmim]BF₄ M.R. Poor Heravi*, F. Fakhr, A. Boeini, Z. Keshavarz, M. Ghadiri, M. Payeghadr, <i>Payame Noor University (pnu), Iran</i> |
| [P2.065] | Synthesis and evaluation of thiosemicarbazones functionalized with furyl moieties as new chemosensors for anion recognition R.M.F. Batista* ¹ , M.E. Moragues ² , S.P.G. Costa ¹ , F. Sancenón ² , R. Martínez-Máñez ² , M.M.M. Raposo ¹ , ¹ University of Minho, Portugal, ² Universidad de Valencia, Spain |
| [P2.066] | Conformational switching for transmembrane communication R.A. Brown*, S.J. Webb, J. Clayden, <i>University of Manchester, UK</i> |
| [P2.067] | New aza crown ethers with sucrose scaffold M.A. Potopnyk*, S. Jarosz, <i>Polish Academy of Sciences, Poland</i> |
| [P2.068] | Mechanistic investigation of palladium-catalyzed allylic C-H alkylation C. Engelin*, T. Jensen, S. Rodriguez-Rodriguez, P. Fristrup, <i>Technical University of Denmark, Denmark</i> |
| [P2.069] | Direct catalytic asymmetric intramolecular conjugate addition of thioamides Y. Suzuki* ^{1,2} , R. Yazaki ^{1,2} , N. Kumagai ¹ , M. Shibasaki ¹ , ¹ Institute of Microbial chemistry, Japan, ² The University of Tokyo, Japan |
| [P2.070] | Synthesis of muscarinic receptor antagonists related to himbacine J. Fahy* ¹ , R. McCarthy ¹ , M. Casey ¹ , ¹ UCD, Ireland |
| [P2.071] | Aminoquinoline derivatives as potent hepatitis C virus inhibitors J.H. Lee ¹ , K.H. Yoo ¹ , S.K. Jang ² , E.E. Kim ¹ , G. Keum* ¹ , ¹ Korea Institute of Science and Technology, South Korea, ² Pohang University of Science and Technology, South Korea |
| [P2.072] | One-pot enzymatic enantioselective synthesis of γ-butyrolactones M. Korpak*, J. Pietruszka, <i>Heinrich Heine University, Germany</i> |
| [P2.073] | Enantioselective synthesis of 3-(3, 4-dihydroxyphenyl)-glyceric acid via sharpless dihydroxylation of caffeic acid-basic monomeric moieties of a biologically active polyether isolated from <i>Symphytum asperum</i> and <i>S. caucasicum</i> M. Merlani* ¹ , V. Barbakadze ¹ , L. Amiranashvili ¹ , L. Gogilashvili ¹ , K. Papadopoulos ² , ¹ I.Kutateladze Institute of Pharmacochimistry, Georgia, ² Institute of Physical Chemistry, Greece |
| [P2.074] | Development of new catinoic detegents with quaternary nitrogene: Synthesis, analysis and in vitro data J. Marek*, J. Korabecny, K. Musilek, J. Cabal, K. Kuca, <i>Ministry of Defence, Czech Republic</i> |
| [P2.075] | Chemoenzymatic strategies for the asymmetric synthesis of alpha-hydroxy ketones A. Plate*, J. Pietruszka, <i>Heinrich-Heine-Universität, Germany</i> |
| [P2.076] | Highly enantioselective catalytic addition of organolithium reagents; NMR supported evidence for catalytically active species S.R. Harutyunyan*, M. Pérez, M. Fañanás-Mastral, P.H. Bos, A. Rudolph, B.L. Feringa, <i>University of Groningen, The Netherlands</i> |
| [P2.077] | Radical cyclizations terminated by Ir-catalyzed hydrogen atom transfer A. Gansäuer, M. Otte*, L. Shi, <i>Kekulé-Institut für Organische Chemie und Biochemie der Universität Bonn, Germany</i> |
| [P2.078] | Design and synthesis of new lamellarin D analogues S. Cananzi, S. Dallavalle*, L. Merlini, R. Cincinelli, L. Musso, R. Nannei, <i>University of Milan, Italy</i> |

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| [P2.079] | Lanthanide chelates as luminescent bioprobes N. Maindron, <i>Université de Rouen, France</i> |
| [P2.080] | A synthesis of (-)-tapentadol R. Vlasakova*, J. Zezula, J. Hajicek, <i>Zentiva, k.s., Czech Republic</i> |
| [P2.081] | Combinatorial library synthesis technique using sub-μL droplets S. Singh*, A. Schober, J.M. Köhler, G.A. Groß, <i>Technische Universität Ilmenau, Germany</i> |
| [P2.082] | Water-solubilisation of Bodipy dyes by post-synthetic sulfonation C. Massif*, A. Romieu, P.Y. Renard, <i>Université de Rouen, France</i> |
| [P2.083] | Direct C-H(Br) functionalization in thiazole serie : Novel route toward heterocyclic core of thiopeptides antibiotics P. Lassalas*, T. Martin, C. Hoarau, F. Marsais, <i>IRCOF, France</i> |
| [P2.084] | Identification of functional alternatively-structured DNA sites with small molecules R. Rodriguez, <i>The University of Cambridge, UK</i> |
| [P2.085] | Discovery of LASSBio-1240 and LASSBio-1272: New analgesic prototypes derived from Brazilian natural saffrole R.C. Maia, L.L. Silva, A.L.P. Miranda, E.J. Barreiro, C.A.M. Fraga*, <i>Federal University of Rio de Janeiro, Brazil</i> |
| [P2.086] | Cyclic sulfonamides: Their regioselective formation and synthetic applications K. Geoghegan*, P. Evans, <i>University College Dublin, Ireland</i> |
| [P2.087] | Organocatalysed enantioselective synthesis of pyrazolines O. Mahé* ¹ , I. Dez ² , V. Levacher ¹ , J.F. Brière ¹ , ¹ University and INSA of Rouen, France, ² ENSICAen-University of Caen, France |
| [P2.088] | Rhodium-catalyzed C-H activation/C-C cross-coupling of 2-arylpyridines with indium organometallics R. Tato, R. Riveiros, J. Pérez Sestelo, L.A. Sarandeses*, <i>Universidad de Coruña, Spain</i> |
| [P2.089] | Original manganese(III) acetate mediated intermolecular cyclopropanation under microwave irradiation A. Bouhlel*, C. Curti, P. Vanelle, <i>Universités d'Aix-Marseille II, France</i> |
| [P2.090] | Access to a variety of barbiturates as potential anaesthetic via a multistep synthesis using manganese (III) acetate under microwave irradiation A. Bouhlel* ¹ , L. Pellegrini ² , C. Curti ¹ , B. Guillet ³ , P. Pisano ³ , P. Vanelle ¹ , ¹ Université d'Aix-Marseille, France, ² CHU Timone, France, ³ Laboratoire de pharmacodynamie, France |
| [P2.091] | A biocatalytic cascade for the preparation of nylon monomers J.H. Sattler* ¹ , F.G. Mutti ¹ , J. Pfeffer ¹ , W. Kroutil ¹ , ¹ Karl-Franzens University Graz, Austria, ² Evonik Degussa GmbH, Germany |
| [P2.092] | Palladium-catalyzed heterocyclization/intramolecular oxidative heck coupling cascade. Synthesis of the proposed structure to cuevaene a J.G. Denis* ¹ , C. Martinez ¹ , B. Vaz ¹ , J.M. Aurrecochea ² , R. Alvarez ¹ , A.R. De Lera ¹ , ¹ Universidad de Vigo, Spain, ² Universidad del Pais Vasco, Spain |
| [P2.093] | Palladium catalyzed allene synthesis R.F.R. Jazzar*, N. Nella, B. Bourdon, O. Baudoin, <i>ICBMS, France</i> |
| [P2.094] | Intramolecular palladium-catalyzed C(sp³)-H arylation of aryl and alkenyl halides : Synthesis of fused five-membered rings J. Sofack-Kreutzer*, R. Jazzar, O. Baudoin, <i>ICBMS, France</i> |
| [P2.095] | A novel oxidative approach to the synthesis of pyrazoles M. Suri*, J. Neumann, F. Glorius, <i>Westfälische Wilhelms- Universität Münster, Germany</i> |
| [P2.096] | Organocatalytic asymmetric synthesis of spiropyrazolones by cascade reactions A.N.R. Alba* ¹ , A. Zea ¹ , G. Valero ¹ , A. Moyano ¹ , R. Rios ^{1,2} , ¹ University of Barcelona, Spain, ² ICREA, Spain |
| [P2.097] | Highly enantioselective synthesis of alpha-amino acid derivatives by an N-heterocyclic carbene (NHC)-catalyzed intermolecular stetter reaction N.E. Wurz*, T. Jousseume, F. Glorius, <i>Organisch-Chemisches Institut, Germany</i> |
| [P2.098] | Ligand-controlled highly regioselective and asymmetric hydrogenation of quinoxalines catalyzed by ruthenium N-heterocyclic carbene complexes S. Urban*, N. Ortega, F. Glorius, <i>Westfälische Wilhelms- Universität Münster, Germany</i> |
| [P2.099] | Hetero-diels-alder reaction of phosphorus substituted nitroso alkenes with conjugate cyclic dienes J.M. De Los Santos*, G. Rubiales, R. Ignacio, D. Aparicio, F. Palacios, <i>University of the Basque Country, Spain</i> |
| [P2.100] | Palladium-catalyzed β-arylation of esters P. Larini* ¹ , S. Aspin ¹ , R. Jazzar ¹ , C. Kefalidis ² , E. Clot ² , O. Baudoin ¹ , ¹ ICBMS, France, ² ENSCM, France |
| [P2.101] | Spontaneous symmetry-breaking in the uncatalyzed aldol reaction A. Moyano, G. Valero*, <i>Universitat de Barcelona, Spain</i> |

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| [P2.102] | Thiol-substituted hemiporphyrazines: A novel target for molecular junctions M.E. Ragoussi*, G. De La Torre, T. Torres, <i>Universidad Autonoma de Madrid, Spain</i> |
| [P2.103] | Organocatalytic asymmetric aminooxylation of unprotected 3-substituted oxindoles X. Companyo*, G. Valero, T. Calbet, M. Font-Bardia, R. Rios, A. Moyano, <i>University of Barcelona, Spain</i> |
| [P2.104] | Rh[III]-catalyzed directed C-H olefination using an internal oxidant: Mild, efficient and versatile S. Rakshit, C. Grohmann*, T. Besset, F. Glorius, <i>WWU Muenster, Germany</i> |
| [P2.105] | Design, synthesis and fluorescence properties of new molecules based on diazines chromophores A.S. Cornec*, C. Fiol-Petit, G. Dupas, N. Plé, C. Baudequin, Y. Ramondenc, <i>Université de Rouen, France</i> |
| [P2.106] | Aryl-halide exchange reactions mediated by a Cu^I/Cu^{III} catalytic cycle A. Casitas*, M. Canta, M. Solà, M. Costas, X. Ribas, <i>Universitat de Girona, Spain</i> |
| [P2.107] | Rational design of efficient biomimetic iron catalysts for stereospecific C-H oxidation with H₂O₂ M. Canta*, L. Gómez, X. Ribas, M. Costas, <i>Universitat de Girona, Spain</i> |
| [P2.108] | Synthesis of α-tertiary alkylamines via carbolithiation and rearrangement of N-vinyl ureas N. Volz*, M. Donnard, J. Clayden, <i>University of Manchester, UK</i> |
| [P2.109] | Use of ChEMBL data for the generation of QSAR models. Application to the development of a Mycobacterium tuberculosis chemosensitivity prediction model D. Pietra ¹ , M. Imbriani ² , A. Borghini ¹ , T.L. James ³ , M.C. Breschi ¹ , A.M. Bianucci ^{*1} , ¹ Università di Pisa, Italy, ² Fondazione S. Maugeri, Italy, ³ University of California, USA |
| [P2.110] | Development of magnetic resonance imaging contrast agent's for the early diagnosis of thrombosis R.J. Wells*, M.A. Adamo, N. Moran, <i>Royal College of Surgeons, Ireland</i> |
| [P2.111] | Electronic and steric effects on oxygen atom transfer at bioinspired iron complexes I. Prat*, M. Costas, X. Ribas, <i>Universitat de Girona, Spain</i> |
| [P2.112] | Biocatalytic approach to α-methylserine enantiomers B. Kozniewski*, J.E. Kaminska, <i>Technical University of Lodz, Poland</i> |
| [P2.113] | New generation organometallic reagents for cross-coupling reactions: Triarylbismuths as atom-economic multi-coupling organometallic green reagents in organic synthesis M.L.N. Rao, <i>Indian Institute of Technology Kanpur, India</i> |
| [P2.114] | Chiral N-phosphino sulfinamide ligands in rhodium(I)-catalyzed [2+2+2] cycloaddition reactions S. Brun ¹ , M. Parera ^{*1} , A. Roglans ¹ , T. León ² , X. Verdager ² , A. Riera ² , ¹ University of Girona, Spain, ² University of Barcelona, Spain |
| [P2.115] | First total synthesis of (+)- seco- C- oleanane and related seco- triterpenes through radical cascade cyclization V. Domingo ^{*1} , J.F. Arteaga ² , J. Quilez Del Moral ¹ , A.F. Barrero ¹ , ¹ University of Granada, Spain, ² University of Huelva, Spain |
| [P2.116] | A one-pot pseudo-nine-component isocyanide-based reaction: A fantastic performance of zinc(II) in the preparation of the new coordination compounds of 1,5-disubstituted 1H-tetrazol-5-yl derivatives with zinc A. Shaabani, M. Seyyedhamzeh*, M. Mahyari, S. Keshipour, <i>Shahid Beheshti University, Iran</i> |
| [P2.117] | Synthesis and antiviral activity adamantane - containing 5α-steroids M. Sikharulidze*, N. Nadaraia, M. Kakhbrishvili, N. Barbakadze, <i>Ivel Kutateladze Institute of Pharmacochimistry, Georgia</i> |
| [P2.118] | New applications of poly (N-bromoacrylamide) in organic synthesis : Highly efficient and chemoselective deprotection of 1,3-dithianes and 1,3-dithiolanes F. Ebrahimzadeh ^{*1} , B. Tamami ² , R. Rooydel ² , ¹ Islamic Azad University, Iran, ² Shiraz University, Iran |
| [P2.119] | Synthesis and application of phosphinated poly (vinyl alcohol) (PVA-PPh₂) as a new heterogeneous polymer with nanoparticle of Ni & Pd in Organig reaction F. Ebrahimzadeh, <i>Islamic Azad University, Iran</i> |
| [P2.120] | Towards enediyne systems via electrophilic cyclization of diacetylenes N. Danilkina ^{*1} , A. Kuljashova ¹ , S. Bräse ² , I. Balova ¹ , ¹ Saint-Petersburg State University, Russia, ² Karlsruhe Institute of Technology, Germany |
| [P2.121] | Stereoselective synthesis of highly oxygenated heterocyclic compounds from sugar allyltin derivatives M. Magdycz*, S. Jarosz, <i>Polish Academy of Sciences, Poland</i> |
| [P2.122] | A facile and efficient method for the synthesis of novel azabicyclic compounds by tandem benzidine rearrangement - Michael addition reaction D. Bassou, <i>Université de Sidi Bel Abbes, Algeria</i> |
| [P2.123] | New chiral MOFs based on substituted BTB linkers A. Notzon ^{*1} , K. Gedrich ² , M. Heitbaum ¹ , I. Senkovska ² , F. Glorius ¹ , S. Kaskel ² , ¹ Westfälische Wilhelms-Universitaet |

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| | Muenster, Germany, ² Dresden University of Technology, Germany |
| [P2.124] | Stereoselective synthesis of long-chain carbohydrates M. Cieplak*, S. Jarosz, <i>Institute of Organic Chemistry PAS, Poland</i> |
| [P2.125] | Efficient synthesis of indoloquinolizidines based on a CAN-catalyzed four-component reaction P. Suryavanshi*, V. Sridharan, C. Menéndez, <i>Universidad Complutense, Spain</i> |
| [P2.126] | Recognition of metallic ions by unnatural amino acids bearing nitrogen and oxygen heterocycles: Synthesis and interaction studies with relevant metals S. Costa*, R. Ferreira, E. Afonso, M. Raposo, <i>University of Minho, Portugal</i> |
| [P2.127] | Building block synthesis for glycosynthase-catalyzed biopolymerization V. Codera*, E. Andrés, M. Faijes, A. Planas, <i>Universitat Ramon Llull, Spain</i> |
| [P2.128] | Direct bromination of hydrocarbons catalyzed by Li₂MnO₃ Y. Nishina, <i>Okayama University, Japan</i> |
| [P2.129] | Uncatalyzed one-pot three-component highly diastereoselective synthesis of (R,S)- and (S,R)-dimethyl isoindolin-1-one-3-yl-phosphonates under solvent free conditions J.L. Viveros-Ceballos ¹ , C. Cativiela ² , M. Ordoñez*, ¹ <i>¹Universidad Autónoma del Estado de Morelos, Mexico, ²Universidad de Zaragoza, Spain</i> |
| [P2.130] | Stereoselective synthesis of dimethyl (R)- and (S)-α-methylphosphophenylglycine under microwave conditions G.D. Tibhe ¹ , C. Cativiela ² , M. Ordoñez*, ¹ <i>¹Universidad Autónoma del Estado de Morelos, Mexico, ²Universidad de Zaragoza, Spain</i> |
| [P2.131] | Palladium-catalyzed cyclization of enediynes to benzocoumarines and benzo[a]carbazoles M.J. Wu*, C.C. Chen ² , L.Y. Chin ¹ , W.R. Chang ² , <i>¹National Sun Yat-sen University, Taiwan, ²Kaohsiung Medical University, Taiwan</i> |
| [P2.132] | Synthesis, biological activity and molecular modelling of some novel 1,3,5-triazine analogues. S. Jain*, M. Agarwal, J. Dwivedi, D. Kishore, <i>Banasthali Vidyapith, India</i> |
| [P2.133] | Synthesis and characterization of monomer and dimer complexes of porphyrin iron(III) with bridging phenylcyanamide ligands J.M. Mohammad Nezhad, <i>Islamic Azad University, Iran</i> |
| [P2.134] | Selective insertion of arynes into a C(sp)-O(sp³) sigma bond K.Z. Laczkowski, D. García, D. Peña, A. Cobas, D. Pérez*, E. Guitián, <i>Universidade de Santiago de Compostela, Spain</i> |
| [P2.135] | First examples of double cross aldol condensation involving α-silyl-diazoacetone A. Lancou, C. Gaulon-Nourry, P. Gosselin, G. Dujardin*, <i>LUNAM -CNRS, France</i> |
| [P2.136] | A novel synthesis of pyrimidin derivatives from an efficient one-pot reaction of isocyanides with activated acetylenic esters in the presence of derivatives of urea M.A. Isfahani*, H. Mizan, <i>Islamic Azad University, Iran</i> |
| [P2.137] | Fundamental mechanistic insight on very mild C-O cross coupling reactions producing biaryl ethers and aryl esters catalyzed by aryl-Cu^{III} intermediates M. Font*, A. Casitas ¹ , L.M. Huffman ² , M. Canta ¹ , M. Costas ¹ , S.S. Stahl ² , X. Ribas ¹ , <i>¹Universitat de Girona, Spain, ²University of Wisconsin-Madison, USA</i> |
| [P2.138] | Fuel additives produced from oligomerization of light olefin over supported sulphuric acid on Zeolite-Y M.C. Al-Kinany*, H.A. Al-Megren, S.A. Aldrees, S.A. Al-Fantoukh, F.A. Al-Shihri, E.A. Alghilan, <i>Petrochemicals Research Institute, Saudi Arabia</i> |
| [P2.139] | Enabling and development of a sodium channel antagonist for the treatment of pain. B. Dillon*, M. Glossop, A. Gillmore, K. Jones, S. Fussell, F. Salingue, <i>Pfizer, UK</i> |
| [P2.140] | Molecular diversity from epoxyamides: Asymmetric synthesis, reactivity and synthetic applications F. Sarabia*, F. Martín-Gálvez, S. Chammaa, C. García-Ruiz, M. García-Castro, <i>Universidad de Málaga, Spain</i> |
| [P2.141] | Phosphonic inhibitors of human cathepsin C design on base of enzyme substrate specificity R. Latajka*, M. Drag, M. Poreba, M. Jewginski, K. Haremza, <i>Wroclaw University of Technology, Poland</i> |
| [P2.142] | Enantioselective synthesis of thiol-functionalized amino acids with quinidine-derived catalysts A.C. Breman*, J.H. Van Maarseveen, S. Ingemann, H. Hiemstra, <i>University of Amsterdam, The Netherlands</i> |
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| [P2.151] | Tetrahydrofuranes and -pyranes via gold and platin catalysed meyer-schuster/oxo-Michael domino reaction M. Wohland*, C. Schwehm, M.E. Maier, <i>Universität Tübingen, Germany</i> |
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| [P2.154] | An efficient one-step synthesis of 1-desazapurine isosteres M. Vilches-Herrera ^{*1} , V. Iaroshenko ^{1,2} , I. Knepper ¹ , L. Domke ¹ , S. Mkrtchyan ¹ , A. Tolmachev ^{2,3} , A. Villinger ¹ , P. Langer ^{1,4} , ¹ <i>Universität Rostock, Germany</i> , ² <i>National Taras Shevchenko University, Ukraine</i> , ³ <i>Enamine Ltd, Ukraine</i> , ⁴ <i>Leibniz-Institute für Katalyse, Germany</i> |
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| [P2.157] | Stereoselective synthesis of (1S,3S,4R) and (1R,3R,4S) diethyl 4-aminocyclohexane-1,3-dicarboxylate as conformationally constrained glutamic acid mimetics J. Cesar*, I. Sosic, S. Gobec, <i>University of Ljubljana, Slovenia</i> |
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