



Poster Session 01, Monday, October 22th, 19:30-21:30h

Number	Title of resume	Authors
1	Stereoselective synthesis of Nitrogen-containing bicycles from sodium benzoate	Mariana Pazos Vidal, Bruno González Núñez, Ignacio Carrera, Gustavo Seoane
2	Organo- and biocatalytic synthesis of rare sugars and glycomimetics	Estefania Dibello, Pierina Schiappapietra, Maximiliano Friss de Kereki, Daniela Gamenara, Gustavo Seoane
3	Bioamination of prochiral ketones using omega-transaminases	Iris Teixeira, Humberto Milagre, Cíntia Milagre
4	Microwave-assisted synthesis of purine derivatives with affinity for histamine 3 receptors	CHRISTIAN ESPINOSA-BUSTOS, CRISTIAN SALAS
5	Synthesis of cyclopeptides as antiparasitic agents and study of pharmacokinetic properties	Catherine Fagundez
6	Synthesis of aggregation pheromone components of longhorn beetles through α -hydroxylation of alkylketones	Viviana Heguaburu, Hugo do Carmo
7	A Diels-Alder Reaction / Oxa-Michael Addition / Acyloin Rearrangement Cascade on Tropolonic Substrates	Macarena Eugui, Guillermo Moyna, Andrés López

8	Intramolecular cyclization of bis-4-aminovinyl trifluoromethyl ketone: an approach towards functionalized seven-membered heterocycles	Mateus Mittersteiner, Valquiria Andrade, Lucimara Zachow, Nilo Zanatta
9	Microwave-assisted solvent-free synthesis of 2-thiazolines	Natalia Mariel Díaz Carpintieri, Verónica Martínez, Graciela Mahler, Danilo Davyt
10	Design and Synthesis of Potential Read-Through Compounds	Mariana Damião, JULIO PASTRE, Alan Kozikowski, James Eubanks
11	Studies toward the synthesis of caramboxin analogues	Ronaldo Epifanio de Oliveira Filho, Álvaro Takeo Omori
12	Synthesis of fused bicyclic [1,2,3]-triazoles from gamma-N-protected amino diazoketones as advanced building blocks	Joao Victor Santiago da Silva, Antonio Carlos Bender Burtoloso
13	Semi-synthesis of carboxyl-amino agarose	Janaina Heuko
14	A novel synthetic protocol for aromatic ring substitution in naphthalene 1,4,5,8-tetracarboxylic derivatives	Catherine Gazolla Santana, Eduardo Triboni, Joseph Reczek
15	Synthesis and Preliminary Evaluation of Antitumor Activity of 4-imine and 4-formylpyrazoles trifluoromethylated	Karlos Eduardo Pianoski, Tuany Zambroti Cândido, Mary Ann Foglio, Fernanda Andreia Rosa
16	Base-Promoted Insertion Reactions of Diazocarbonyls to Azlactones	Giovanni Amarante, Amanda De Mello, Patrícia Betoni Momo, Antonio Carlos Bender Burtoloso
17	Organocatalytic Enantioselective Sulfa-Michael Addition to α,β -unsaturated diazoketones	Patrícia Betoni Momo, Antonio Carlos Bender Burtoloso
18	Chemoenzymatic approach to hygromycin A synthesis	Gonzalo Carrau, Gustavo Seoane, David Gonzalez
19	Amino acid based Covalent Organic Frameworks	Renata Avena Maia, Pierre Mothé Esteves, Felipe Lopes de Oliveira, Joyce Castro
20	Mechanistic insights for the multicomponent synthesis of quinolines toward different catalysts	Ives Antonio Leonarczyk, Aloísio de Andrade Bartolomeu, Marco Antonio Barbosa Ferreira, Kleber T. de Oliveira
21	Quinone-derived π -extended phenazines as new bioimaging probes for the staining of lipid droplets in live cells	Gleiston Gonçalves Dias, Eufranio Júnior

22	Dynamic kinetic resolution of (rac)-1-Phenylethanol using lipase and a promising vanadium catalyst	Laíza Almeida, Humberto Milagre
23	Asymmetric S-H Insertion Reactions of Chiral β -Ketosulfoxonium Ylides into Aryl Thiols	Nikolas Santos, Antonio Carlos Bender Burtoloso
24	A simple, mild and efficient synthesis of cyclopropylidene iminolactones from cyclopropanecarboxamides	Adrielle Maximiano, Marcus Sá
25	Enantioselective electrophilic fluorination of α -aryl- α -tetralones	Luana de Souza, Jorge Luiz de O. Domingos, Talita Fernandes, Magdalena Renno, Jose Miguel Sansano, Carmen Najera, Paulo Roberto Costa
26	Synthesis of new pyran naphthoquinones substituted on the aromatic ring with antitumor activity	Caroline Moreira, Leonardo de Moraes, Claudia Pessoa, Vitor Ferreira, David da Rocha
27	Synthesis of 2-imidazolines derivatives by microwave irradiation	Bernardo Araujo Souto, Getúlio Souza Rosa, Bruna Carolina Teixeira, Cynthia Nathália Pereira, Maurício Silva dos Santos
28	Advances in the enantioselective synthesis of speciosins	Valeria Schapiro Ferrara, Enrique Pandolfi, Alejandro Peixoto de Abreu Lima
29	Use of microwave in the synthesis of speciosins	Alejandro Peixoto de Abreu Lima, Enrique Pandolfi, Valeria Schapiro Ferrara, Gustavo Pozza Silveira
30	Isatin derivatives and their chemoselective reductions with NaBH ₄	Cintia Maria Carneiro Franco Lima, Mauricio Victor
31	Catalytic enantioselective 3+2 cycloadditions of azomethine ylides promoted by (S)-DTBM-Segphos-Cu(I) complex	Guilherme Caleffi, Marcos Ferrándiz-Saperas, Paulo Roberto Costa, Carmen Najera, Jose Miguel Sansano
32	Studying the Wolff Rearrangement in Diazoketones Aiming the Synthesis of Bicyclic Aromatic Ketones	Evandro Rocha, Antonio Carlos Bender Burtoloso
33	Synthesis of trisubstituted furans via aerobic oxopalladation reaction	Amanda Aline Barboza, Marco Antonio Barbosa Ferreira

34	Synthesis and Cytotoxicity of New Chalcone-Cinnamic Acid Sulphonamides	Mariana Bastos dos Santos, Beatriz de Carvalho Marques, Gabriela Miranda Ayusso, Ricardo André Zucato Bertani, Mayara Aparecida Rocha Garcia, Jessica Gisleine de Oliveira, Débora Aparecida Pires de Campos Zuccari, Luis Octavio Regasini
35	Synthesis and Evaluation of the Cytotoxic Activity of Furanaphthoquinones Tethered to 1H-1,2,3-Triazoles in Caco-2, Calu-3, MDA-MB231 Cells	Dora Costa, Lucio Cabral, Plínio Sathler, Paula Abreu, Vitor Ferreira, Luiz da Silva, Fernando Silva
36	Synthesis and Evaluation of the Antileishmanial Activity of N-acylhydrazone Derivatives Containing Pyrimidine Nucleus	Julia Poletto, Fernanda Andreia Rosa
37	Exploring the application of diazocarbonyl compounds in ring opening reactions of epoxides for the synthesis of functionalized alcohols	Clarice Alves Dale Caiuby, Antonio Carlos Bender Burtoloso
38	Enantioselective arylation of endocyclic enolactams by Heck-Matsuda reactions	Ingredy Braga, Arnaldo Junior, Emilio Júnior, Carlos Roque Correia
39	2-(Trimethylsilyl)aryl 4-chlorobenzenesulfonates as efficient and versatile aryne precursors	Ana Carolina A. Muraca, Cristiano Raminelli
40	Studies towards the enantioselective synthesis of 3-Hydroxyisoflavanones and derivatives with potential estrogenic action	Karina Pena Del Rio, Carolina Martins Avila, Amanda Azeredo Marinho de Sena Rosa, Jorge Luiz de O. Domingos, Paulo Roberto Costa
41	Synthesis of New Hybrid Bis-1,2,3-Triazoles Derivatives of Carbohydrate	Gabriel Aquino, Victor Carvalho, Júlia Pancini, Carlos Kaiser, Sabrina Baptista Ferreira
42	Microwave assisted imine metathesis of 2-substituted bithiazolidines, useful metallo-beta-lactamase inhibitors.	Graciela Mahler, Verónica Martínez, Agustina Rossi, Valentina Villamil, Cecilia Saiz, Alejandro Vila, Danilo Davyt
43	Intramolecular cyclization of α -bisabolol promoted by arylthionyl iodide under microwave irradiation	Gabriela Matos, Diego Melo, Olga Barros, Angelo de Fatima

44	Auto-Sustainable Enantioselective Heck-Matsuda Reaction: Application to the One-pot Desymmetrization of Cyclopentenol	Christian Leonardo Herrera
45	Electrosynthesis of Sulfonamides Mediated by a Cavity Cell	DMISTOCLES DE ANDRADE, DANILO PESSOA, Paulo Henrique Menezes, Marcelo Navarro
46	Electrosynthesis of vinyl sulfones in cavity cell via sulfonylation of α,β -unsaturated acids	DANILO PESSOA, DMISTOCLES DE ANDRADE, Paulo Henrique Menezes, Marcelo Navarro
47	Cyclization of 4-aminocoumarins with aldehydes: an approach to oxazine-coumarin fused heterocycles	Marina Dilelio, Cláudio Silveira, Teodoro Kaufman
48	Greener photoactivated acylation/alkylation of azarenes with biacetyl	Juliana Dantas
49	Base-controlled regioselective functionalization of 2-(indolizin-1-yl)-4,4-dimethyl-4,5-dihydrooxazole	Camila Bertallo, Thais Rodrigues Arroio, Giuliano Cesar Clososki
50	Diels-Alder reactions promoted by silica-supported MacMillan's organocatalyst under continuous flow	Pedro Henrique Ramos de Oliveira, Bruno Santos, RAQUEL ANA APELA LEÃO, Fernanda Gadini Finelli, Rodrigo Octavio Mendonça Alves de Souza, Leandro Soter de Mariz e Miranda
51	Synthesis and Characterization of Bent-shaped Liquid Crystals with Thiophenic Central Core	Behramand Behramand, Hugo Gallardo, Edivandro Giroto
52	A Efficient Five-step One-pot Synthesis of 4-[(arylamino)methyl]-5-aryl-3-carboxyethyl-isoxazoles from β -enamino diketones	Samara Mendes de Souza Melo, Fernanda Andreia Rosa
53	Synthesis and Biological Evaluation of Nitrogen-Containing Goniotalamin Analogues	Matheus Andrade Meirelles, Carolyne Brustolin Braga, Catia Ornelas, Ronaldo Aloise Pilli
54	Synthesis and antifungal activity of novel 5-carboxyethyl-2-substituted-pyrimide[4,5-d]pyridazin-8(7H)-one	Andrew Rozada, Franciele Rodrigues, Érika Kioshima, Fernanda Andreia Rosa, Gisele de Freitas Gauze
55	Enantioselective Heck-Matsuda Arylation of Vinyl Ethers: Towards the Synthesis of Fluoxetine	Ellen Polo, Martí Fernández Wang, Carlos Roque Correia

56	Synthesis and Cytotoxic Evaluation of Cheliensisin A via Furan Oxidation.	Ana Santos, Ronaldo Aloise Pilli
57	Enzymatic kinetic resolution of benzylic alcohols performed in continuous flow bioreactor	Gabriel Januário, Noelle Santos, Humberto Milagre
58	TOTAL SYNTHESIS OF ISOCAULIBUGULONE A AND ANALOGUES	Joaquim Antônio de Castro, Paulo Cesar Muniz De Lacerda Miranda, Bruno Serikava
59	New triazole-linked hybrids exhibiting selective antiproliferative activity.	Guillermo Valdomir, María de los Ángeles Fernández, Irene Lagunes, Juan I. Padrón, Víctor S. Martín, José M. Padrón, Danilo Davyt
60	Synthesis and in vitro biological evaluation of benzo[f]indole-4,9-diones N-linked to carbohydrate moieties as antitumor agents	Flaviana Rodrigues, Patrícia Fernandes, Vinicius Campos, Fernanda Lima, Yasmin de Castro, Maria Cecília B. V. de Souza, Vitor Ferreira, Anna Cunha
61	Synthesis and evaluation of new marinoquinolines with potential antimalarial activity	Rafael Santo, Michele Pancieira, Eric Santos, Patrícia Barbosa, Gilberto Ortin, Anna Aguiar, Guilherme Souza, Glaucius Oliva, Rafael Guido, Carlos Roque Correia
62	Synthesis of new 6-X-piperonal mesoionic derivatives by microwave irradiation	Natália Lopes, Danilo Sousa-Pereira, Jorge Melos, Aurea Echevarria
63	Directed synthesis of β -ketoindoles derivatives from chalcones as potential Mcl-1 inhibitors for the treatment of cancer	Ingrid Vieira Machado, Hérica Danielle Almeida Vidal, Erick Lemes, Jaqueline Queiroz, Renata Awad, Arthur Carvalho Silva, Cleber Camilo de Melo-Filho, José Teofilo Moreira-Filho, Marcelo Nascimento Gomes, Gilberto Aquino
64	Synthesis of naphthoquinones linked with 1,2,3-triazole and evaluation of the cytotoxic activity	Quelli Larissa Oliveira de Santana, Rafael Dantas, Floriano Silva Junior, Vitor Ferreira, Sabrina Baptista Ferreira

65	Synthesis of novel 2-amine-4-phenyl-6-heterocycle (2H-1,2,3-triazole or 4-pyridine or thiophene) pyrimidines with potential anticancer activity	Jorge Welton De Souza Pina, Sandro José Greco, Mariana Klein Antoniazzi
66	Improvement of synthesis about 1,2,3-triazole-glycoconjugates, potent α -amylase inhibitors	Rafael Leitão, Floriano Silva Junior, Carlos Kaiser, Sabrina Baptista Ferreira
67	Directed functionalization of benzonitriles aiming the synthesis of novel aminoquinazolines of medicinal interest	Thiago dos Santos, Misael Luciano Ferreira, Valter Eduardo Murie, Giuliano Clososki
68	Star-shaped liquid crystals derived from Tris(N-phenyltriazole) and 1,3,4-oxadiazole	Hugo Gallardo, Carlos Ratto, Eduard Westphal
69	Novel Iridium(I) Complexes Bearing Chelating NHC-Phosphine Ligands as Catalysts for C—H Functionalisation Processes	Renan Zorzatto de Moraes, William Kerr, Tell Tuttle
70	Synthesis of symmetrical 1,4-disubstituted 1,2,3-bistriazoles obtained by optimized CuAAC conditions and evaluation of antifungal and antitrypanosomastid activities	Ravir Rodrigues Farias, Mauricio Victor, Claudio Viegas Jr., Maria A. de Resende-Stoianoff, Patrícia F. Espuri, Marcos J. Marques, Danielle L. da Silva
71	Friedel-Crafts as a New Approach to Construct Potential Bioactive Scaffolds Using Indolizines And Isatins.	BRUNO GUIDOTTI, José Tiago Correia, Thiago Sabino da Silva, Fernando Coelho
72	On the identification of novel multitarget inhibitors: Synthesis of naphthoquinoidal compounds with antitumor and trypanocidal activities	Renata de Almeida, Renato Lúcio de Carvalho, Eufrânio da Silva, Wagner Oliveira Valença
73	Synthesis of substrates and evaluation of the asymmetric biotransformation with marine sponge Cliona varians	Jaqueline Bispo, Valeria Riatto, Mauricio Victor
74	Multicomponent Combinatorial Synthesis of Prolyl Peptide-Lipopeptoid Hybrid Catalysts: Application in the Asymmetric M	José Antonio Campos Delgado
75	Mechanochemical synthesis of 2-pyrrolinones through the formal aza[3+2] cycloaddition of enamionones	Edson E. Silva, Silvio Cunha
76	Synthesis of indolizidinones through reaction of cyclic enamionone with coumarin-3-carboxylic acid derivates	Iva de Jesus, Silvio Cunha

77	Asymmetric Synthesis of Michael Adducts Using New Thiazolidine-Based Chiral Catalyst / Oxazolidine-Thiourea	Frederico Ricardo Noronha, Sabrina Ferreira, Tiago Silva
78	Use of ultrasound for the synthesis of novel symmetric 1,2,3-bis-triazolyl fatty acid derivatives	Wallace Reis, Rossimiriam Freitas, Rosemeire Brondi Alves
79	Synthesis and Evaluation of New Peptidyl-Nitriles as Trypanocidal Agents	Bruna Simões Martins, Antonio Carlos Bender Burtoloso
80	5-Vinyl-1,2,4-Oxadiazoles as a New Acrylate Mimic: A Novel Morita–Baylis–Hillman Reaction with Isatins.	Fábio de Souza Fernandes, Hugo Santos, Sâmia Rocha, Caroline Conti Amorim, Fernando Coelho
81	Stereoselective synthesis of α -aryl enaminones through reaction of β -aryl enones with azides promoted by triflic acid	Lucas Souza Prates, Silvio Cunha
82	Niobium compounds as new catalysts of the Hantzsch Multicomponent Reaction	Mirela Sairre, Camila Oliveira, Aline Nascimento, Alexander Pinto
83	Synthesis of 3-hydroxypyrrolidin-2-one derivatives from the Baylis–Hillman adducts of isatin assisted microwave	Geiziane Alves, Silvio Cunha
84	Asymmetric reduction of acetophenone by evaluation of the biocatalytic potential of the <i>Dunaliella salina</i> microalgae	Fernando Leal Barreiros Moutinho, Valeria Belli Riatto, Mauricio Victor
85	Triple Copper Catalysis for the Synthesis of Vinyl Triazoles	Lucas Baldassari, Eduardo Cechinatto, Angélica Moro
86	Synthesis of 2,5-diarylthiophenes from 1,4-diaryl-1,3-diyne using the trithiocarbonate anion as a nucleophile	Douglas Bernardo Paixão, Daniel da Silveira Rampon, Helena Domingues de Salles, Paulo H. Schneider
87	Synthesis of propargylamine from 2-aminobenzothiazole using InCl_3 as catalyst.	Lorena Fortes, Tiago Silva
88	An Effective Heck-Matsuda strategy for the synthesis of 2-carboalkoxy- 3-aryl indoles from α , β -unsaturated esters	Rebeca Monique Capitão, Renan Almeida, Carlos Roque Correia
89	Synthesis and characterization of calix[4]arene bearing of thiourea and amide groups linked to pyridine. Study on ion recognition using spectroscopic methods.	José Herrera, Belén Hernández, Claudio Saitz

90	Total Synthesis of Pulchellalactam	Isabel Valero Antolínez, Luiz Cláudio Almeida Barbosa, John Boukouvalas
91	Synthesis of novel 1,2,3-triazole compounds from coumarin derivatives	Carla Santana Francisco, Pedro A. B. Morais, Álvaro Neto, Warley Borges, Valdemar Lacerda Jr.
92	Synthesis of α,β -unsaturated compounds by decarboxylative cross-coupling reaction catalyzed by iron-based covalent organic frameworks	Jhonny Ceron, Bruno Xavier Ferreira, Pierre Mothé Esteves, Camilla Djenne Buarque Müller
93	Direct Amidation of Cinnamic Acids Mediated By $B(OCH_2CF_3)_3$. Synthesis of Zanthoxylamide Protoalkaloids and their <i>In Vivo</i> Toxicity in Zebrafish Embryos	Carlos E. Puerto Galvis, V. Kouznetsov
94	Fungi isolated from <i>Handroanthus impetiginosus</i> leaves for an efficient stereoselective production of chiral alcohols	Eliane Silva, Valmore Santos, Monielly Souza, Mauricio Victor, Valeria Belli Riatto
95	A Concise Chemoenzymatic Approach for the Syntheses of the (S,S)-Clonostachydinone using Enantioenriched masked δ -bis-oxo alcohols	Jefferson Princival



Poster Session 02, Wednesday, October 24th, 13:30-15:30h

Number	Title of resume	Authors
96	Studies towards synthesis of new pyrroles fused to chromene ring	Silmara Lúcia Grego Alves, Simone Cavalcante-Silva, Lucas Fernandes do Carmo, José Augusto Ferreira Perez Villar
97	Preparation of a small library of polyoxygenated monomers to be tested in Click Chemistry	Grysette Daher, Gustavo Seoane
98	Biophysical protocols for interaction evaluation of biologically active compounds with DNA (Calf thymus) using molecular fluorescence	Isis Figueiredo, Marina de Magalhães Silva, Josué Carinhanha Caldas Santos
99	Synthesis of N,O,N bis-pyrazole ligands through Ullmann Coupling	Cristiane Schwalm, Zahid Hussain, Raoni Rambo, Rafael Stieler, Adriano Monteiro
100	Synthesis of Antimalarial Cyclopeptides by On-Resin Macrocyclization	Gloria Serra, Catherine Fagundez, Diver Sellanes, Anna Aguiar, Rafael Guido
101	Total synthesis of the C14-C21 fragment of the Amphidinolides T Series, through a chemoenzymatic and stereoselective route	Margarita Brovotto, Valentina Valdez, Gustavo Seoane, Tomás Martín Ruiz

102	Solution and solid phase peptide synthesis of macrocyclic analogues of natural products	Laura Posada, Gloria Serra
103	Towards Almiramides analogues as potential chemotherapeutics agents	Laura Scarone, Marcelo Incerti, Francesca Barcella, Juan Ignacio Vales
104	Novel one-pot protocol for the synthesis of unsymmetrical 1,3-diynes	Adriano Baroni, Camila B. Andrade, Diego Bento de Carvalho, Cristiane Y. K. Shiguemoto
105	Synthesis of Donor- Acceptor Stenhouse Adducts of Meldrum Acid and 5-amine-tetrazole	Rosiene Mattos, Silvio Cunha
106	Regioselective approach to the synthesis of trifluoromethyl functionalized pyrroles	Lucimara Zachow, Mateus Mittersteiner, Laura Garske, Paulo Moraes, Nilo Zanatta
107	Cycloaddition reaction between oxazoles and arynes toward the preparation of functionalized isoquinolines	Jéssica Kunsminskas da Silva, Cristiano Raminelli
108	Studies toward the enantioselective total synthesis of (+)-corydaline	Tássia Oliveira, Cristiano Raminelli
109	Synthesis of STK10/LOK inhibitors	Ian de Toledo, Ricardo Augusto Massarico Serafim, Jonathan Elkins, Ronaldo Aloise Pilli
110	Efficient Stereoselective Synthesis of Brussonol via Cross-Electrophile Regioselective Epoxide Ring-Opening Route	Anees Ahmad, Antonio Carlos Bender Burtoloso
111	Arylation of β -Ketosulfoxonium Ylides With Arynes: A Direct Synthesis of Pro-chiral Ylides and Mono-Arylated Ketones	Alexander Garay Talero, Bruna Simões Martins, Antonio Carlos Bender Burtoloso
112	Synthesis and in vitro antineoplastic evaluation of goniothalamine-monastrol and piplartine-monastrol hybrids.	Thiago Grigolo, Carolyne Brustolin Braga, Catia Ornelas, Ronaldo Aloise Pilli
113	Transition metals catalyzing decarboxylative alkenylation between cinnamic acids and alcohols	Virginia Aldabalde, Margarita Broveto, Guillermo Bragunde, Maicol Prette
114	Wacker-Type Heck-Matsuda Arylations of Alkyl and Silyl Alkenyl Ethers to Access Carbonyl Compounds	Henrique Esteves, Vitor Hugo Menezes da Silva, Carlos Roque Correia

115	Synthesis and biological evaluation of novel ribosyl-1H-1,2,3-triazoles derivatives as potent α -Glycosidase inhibitors	Tereza Cristina Santos Evangelista, Marcio Donza, Sabrina Ferreira, Carlos Kaiser, Floriano Silva Junior, Rafael Dantas, João Rezende-Neto, Dazzini Neto
116	Arylation of Diazocompounds Via Metal Free C-H Functionalization	Rafael Douglas C. Gallo, Antonio Carlos Bender Burtoloso
117	Use of (π -allyl)palladium complexes and ciclopentenone-derived stannanes in the synthesis of jasmonoids	Florencia Parpal, Katerine Rasquin, Enrique Pandolfi, Viviana Heguaburu
118	Direct sequential C-H iodination/organoyl-selenation by in situ generation of Santi reactant: a new protocol for the synthesis of quinone-selenium hybrids	Guilherme Jardim, Ícaro Bozzi, Willian Oliveira, Jamal Rafique, Antonio Braga, Eufranio Júnior
119	Design, Synthesis and Biological Activities of New (-)-Cassine Analogues	Marcela Campelo, Ronaldo Aloise Pilli
120	Unprecedented Enantioselective Intramolecular Heck-Matsuda Carbonylation Reactions	Rafaela Carmona, Carlos Roque Correia
121	Synthesis of new porphyrins containing meso-epoxymethylaryl cationic groups	Jaqueline Carneiro, Maria da Graça H. Vicente, Diogo R. B. Ducatti, Miguel Daniel Nosed, Maria Eugênia D. Nosed, Alan G. Gonçalves
122	Synthesis of novel 1,2,3-triazoles prodigiosin fluorescent analogues	Bruna Marques de Mesquita, Roberson Donola Girão, Sabrina Baptista Ferreira
123	A calix[n]arene-catalysed three-component Povarov reaction: Microwave-assisted synthesis of julolidines and mechanistic insights	Sergio Fernandes, Paula Abranches, Walysson de Paiva, Angelo de Fatima, Felipe Martins
124	Visible-Light-Activated Catalytic Enantioselective β -Alkylation of α,β -Unsaturated 2-Acyl Imidazoles Using Hantzsch Esters as Radical Reservoirs	Francisco F de Assis, Eric Meggers, Ronaldo Aloise Pilli, Xiaoqiang Huang, Midori Akiyama
125	Synthesis of isothiosemicarbazones and N-acyl isothioureas from 2-bromomethyl oxazoles	Thaís Andreia Rossa, Marcus Sá
126	Studies in the Total Synthesis of (-)-Cassine	João Pedro Lima, Antonio Burtoloso

127	Experimental and theoretical studies on cycloaddition (3 + 2) reactions of azides to nitro-olefins	Meire Yasuko Kawamura, Marco Antonio Barbosa Ferreira
128	Morita-Baylis-Hillman adducts (MBHA) as a strategy of cyclization of analogous peptides of Solanamides A and B for the quorum sensing inhibition in <i>Staphylococcus aureus</i>	José Brango Vanegas, Angelo Machado
129	Diastereoselective synthesis of new spirocompounds	Joseane Mendes, Paulo Roberto Costa, Francisco Foubelo, Miguel Yus, Camilla Buarque
130	SYNTHESIS OF 1,4-NAPHTHOQUINONES-1,2,3-TRIAZOL WITH ANTITUMORAL ACTIVITY	INGRID CHIPOLINE, Gabriella da Costa, Bruno Kaufmann Robbs, Vitor Ferreira, Fernando Silva
131	Regioselective synthesis of novel functionalized 2-pyridones, synthetic application and in vivo study of anti-inflammatory activity	Davana Gonçalves, Franciele Ames, Ciomar Amado, Fernanda Andreia Rosa
132	New methodology for synthesis of 5-aminotetrazoles from thioureas using aqueous potassium dichloiodate (KICl ₂)	Andressa Christine Dutra da Silva, Tiago Silva
133	Synthesis of fluorescent Seleno- and Telluro-azaBODIPY for detection of oxidizing endogenous species	Natália Takata, Alcindo Aparecido dos Santos
134	Development of new potential Mycobacterium tuberculosis enoyl-ACP reductase inhibitors	Fernanda Maia, Raoni Gonçalves, Laudicea Oliveira, Joyce Castro, Lucas Mathias, Magaly Albuquerque, Camilo Lima, Marcus Souza
135	SYNTHESIS AND BIOLOGICAL PROSPECTION OF NEW MICHAEL ACCEPTORS VIA MULTICOMPONENT REACTION	Mariana Cardoso, Luana Forezi, Vanessa Oliveira, Fernando Silva, Vitor Ferreira
136	STEREOCONTROLLED SYNTHESIS OF GEOSTERANES: 3-(5-CARBOMETHOXY-PENTYL)CHOLESTANES – MOLECULAR FOSSILS FROM THE CRETACEOUS PERIOD.	CHRISTIAN ROCQUE SOUTO MAIOR, Joaquim Antônio de Castro, Paulo Cesar Muniz De Lacerda Miranda
137	Synthesis of novel nitroimidazole analogs via click chemistry with potential activity against Leishmaniasis	ELVIS ASSUNCAO, Amarith Rodrigues das Neves, Natália Valério Barbosa, Carla C. P. Arruda, Adriano Baroni

138	Sequential cascade reaction toward the synthesis of (S)-3-hydroxy-3-phenylpropanamide	Cintia Milagre, Everton Tordato
139	Synthesis of benzotriazole derivatives for innovative formulations in the protection of bronze artworks	Debora Kelen Silva da Conceicao, Kauana Nunes de Almeida, Tiago Falcade, Henri Stephan Schrekker
140	Porphyrins as photocatalysts in radical arylation of enol acetates in batch and under continuous flow conditions	Aline Souza, Kleber T. de Oliveira, Timothy Brocksom
141	Multicomponent Synthesis of Novel 1,2,3-triazolic thionaphthoquinones	Thaís Santos, Leonardo de Moraes, Caroline Moreira, Vitor Ferreira, David da Rocha
142	Application of the Chan-Lam Coupling in the Synthesis of Nicotine Derivatives	Marcelo Barreto, Fernanda Gadini Finelli, Lívia Frota
143	Identifying and utilising new antileishmanial drug targets	Rebecca Charlton, Patrick Steel, Paul Denny, Bartira Rossi Bergmann
144	Oxyarylation and oxidative cycloaddition of Phenols on oxygenated 2H-chromens. Targeting the synthesis of bioactive natural pterocarpan and derivatives	Francisco Gaspar
145	1,3-Dipolar cycloaddition between dicarbonyl compounds and azides using CuO nanoparticles as a bifunctional catalyst	Carolina Lima, Cassio Dias, Thiago Lima, Julio Schpector, Ricardo Schwab
146	Synthesis of new naphthotriazolyl-4-oxoquinolines with potential leishmanicidal activity	Vanessa Oliveira, Viviane dos Santos Faiões, Gabrieli B.R. Gonçalves, Miriam Furtado de O. Lima, Fernanda Boechat, Anna Cláudia Cunha, Valter Viana de Andrade-Neto, Fernando de Carvalho da Silva, Eduardo Caio Torres-Santos, Maria Cecília B. V. de Souza
147	Michael addition of 4-methylquinazolines to chalcones: a greener protocol for C(sp ³)-H functionalization using magnetically recoverable catalyst	Natália Moreira, Carolina Lima, Thiago Lima, Márcio Paixão, Arlene Corrêa
148	Synthesis of Hybrid Niobium/Silica Catalysts for the application in multicomponent reactions of Biginelli.	Anna Paula Marques, Tiago Silva

149	Asymmetric Approach for the Synthesis of Triazine Derivatives via a Cooperative Catalysis	Bianca Taeko Matsuo, Márcio Paixão
150	Synthesis of 2-Sulfenylindoles Promoted by Photoredox Catalysis	Marilia Santos, Hugo Betim, Márcio Paixão
151	Synthesis and antimicrobial evaluation of amino sugar-based naphthoquinones and isoquinoline-5,8-diones and their halogenated compounds	Flaviana Rodrigues, Renato Lessa, JULIANA SILVA NOVAIS, Talita Devillart, Wanderson da Silva, Matheus Ferreira, Vinicius Campos, Vitor Ferreira, Maria Cecília B. V. de Souza, Helena Castro, Anna Cunha
152	Reduction of enones: Enantioselective catalytic dynamic kinetic resolution promoted by chiral ruthenium complex	Paulo Roberto Costa, Juliana Brum, Guilherme Caleffi, Angela Costa, Jorge Luiz de O. Domingos
153	Unconventional Method for Synthesis of 4-[(arylamino)methyl]-5-aryl-3-carboxyethyl-N-arylpyrazoles with Potential Antileishmanial Activity	Michael Jackson Vieira da Silva, Danielle Bidóia, Celso Vataru Nakamura, Fernanda Andreia Rosa
154	Formation of an Emissive Telluroxide Promoted by Hg ²⁺ in aqueous environment: A New Naked-eye and Ratiometric Rhodamine Dimer Fluorescent Mercury(II) Probe	Gizele Celante, Antônio Soares-Paulino, Lilian Giroldo, Carlos Lodeiro Espiño, Alcindo Aparecido dos Santos
155	Studies in the Total Synthesis of (+)-Lysergic Acid and (+)-Lysergol: A Direct Approach for the Construction of the Tetracyclic core of Ergot Alkaloids	EDSON EMILIO GARAMBEL VILCA, Antonio Carlos Bender Burtoloso
156	Synthesis of Cadiolide Analogues with Potential Antibacterial Activities	Thaís Altoé Moreira, Simone Zinato Mairink, Wagner Oliveira Valença, Luiz Cláudio Almeida Barbosa, John Boukouvalas
157	Characterization of amide bond conformers for 1-(isobutyryl)pyrrolidine-2-carboxylic acid	Hérika Danielle Almeida Vidal, Ingrid Vieira Machado, Erick Lemes, Jaqueline Queiroz, Renata Awad, Cecilia Silva, Javier Ellena, Gilberto Aquino

158	Synthesis, molecular modeling and anticancer activities of new molecular hybrids containing 1,4-naphthoquinone, 7-chloroquinoline, 1,3,5-triazine and morpholine cores as PI3K and AMPK inhibitors in the metastatic melanoma cells	Rodolfo Göetze Fiorot, Regina Westphal, Bárbara Costa Lemos, Paola Rocha Gonçalves, Maruska R. N. Fernandes, Carmen V. Ferreira, Alex G. Taranto, Sandro José Greco
159	Introducing ultrasonic methods to synthesis of aryl azide via coupled proline-Cul catalytic reactions	Roberto X. Almeida, Andrea Luzia Ferreira de Souza, Sabrina Baptista Ferreira
160	Organocatalytic conjugated addition of 2-carboxylindolizines to enones as a platform to access seven-membered fused lactones	Thiago Sabino da Silva, Fernando Coelho, Adriano D. Andricopulo
161	Design and synthesis of functionalized chloro-substituted quinolines with potential antitumoral activity	Valter Eduardo Murie, Thiago dos Santos, Giuliano Clososki
162	Star-shaped liquid crystals derived from Tris(N-phenyltriazole) and 1,3,4-oxadiazole	Carlos Ratto, Hugo Gallardo, Eduard Westphal
163	Synthesis and photophysical evaluation of a novel fluorescent isocoumarin compound	Rosemeire Brondi Alves, Matheus Fillipe Langanke de Carvalho, Lucas da Silva Santos, Rossimiriam Freitas
164	Mechanochemical Synthesis of 2H-furo[3,2-b]benzopyran-2-ones.	Wilson Elias Roza Nuñez, Silvio Cunha
165	Asymmetric Synthesis of Highly Substituted Tetrahydroquinolines by Merging Organocatalysis with Multicomponent Reactions	Vitor Alcantara Fernandes da Silva, Márcio Paixão
166	Synthesis of Carboxymethyl chitosans Derivatives	Elisa Guimarães Barbosa Carvalho, Maísa Costa, Roberta Signini
167	Synthesis of new cyano dipeptides as potential cathepsin K inhibitors	Talita Gontijo, Rossimiriam Freitas, Eufrânio Silva
168	Syntheses of E-arylidene-succinimides by in situ Wittig reaction and spiropyrrolizidines via 1,3-dipolar cycloaddition reaction	Fernando Barretto, Silvio Cunha
169	Effect of heteroatom exchange (S/Se) in the mesomorphism and physical properties of benzochalcogenodiazole-based liquid crystals	Leonardo de Oliveira Aguiar, Elias Regis, Patricia Tuzimoto, Edivandro Giroto, Tiago Frizon, Alexandre Dal Bó, Eduardo Zapp, Raphael Marra, Hugo Gallardo, André Vieira

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171	Synthesis of two fragments of the natural product Pepticcinnamin E via Ugi reactions	Thaissa Rosalba, Carlos Kleber Z. Andrade
172	Photoredox-Mediated Decarboxylative Radical Additions to 1,7-enynes. A Cascade Approach to Heterocyclic Compounds	José Tiago Correia, Gustavo Piva, Elias André, Márcio Weber Paixão
173	Decarboxylative ring-opening of 2-oxazolidinines: A straightforward method for the synthesis of chiral beta-chalcogen amines	Fabio Galetto, Cleiton da Silva, Rômulo César Rodrigues Peixoto, Roberth Nascimento da Trindade
174	Synthesis of amidine and aminoguanidine derivatives of lipoic acid	Natália Machado Pereira de Oliveira Torres, Rosemeire Brondi Alves, Rossimiriam Freitas
175	Regioselective Alkyne Hydration Mediated by Gold(I) For the Synthesis of Polycarbonylated Compounds	Sâmia Rocha, Fernando Coelho
176	Synthesis of Oxygenated Bistriazole Compounds with Potential Bioactivity using Click Chemistry by Huisgen 1,3-Dipolar Cycloaddition	ANANDA LUZ, Mauricio Victor, Mauricio Brandao, Arthur Jose Santos Mascarenhas
177	Organocatalyzed Asymmetric Vinylogous Addition of Oxazole-2(3H)-thiones to α,β -Unsaturated Aldehydes.	Eduardo da Cruz, Bianca Taeko Matsuo, Ives Antonio Leonarczyk, Marco Antonio Barbosa Ferreira, Márcio Paixão
178	Redox-Neutral Synthesis of Selenoesters by Oxyarylation of Selenoalkynes under Mild Conditions	Anderson Carboni Mantovani, Lucas Baldassari, Diogo Ludtke
179	Direct, metal-free C(sp ²)-H chalcogenation of indoles and imidazopyridines with dichalcogenides, catalysed by KIO ₃	Jamal Rafique, Sumbal Saba, Antonio Braga
180	Development of synthetic routes to obtain selenoamides, thioamides and oxidation of quinoline alcohols	Tiago Silva, Fernanda Maia, Raoni Gonçalves, Barbara Vasconcellos da Silva, Urbano Luiz, Sabrina Teixeira Martinez
181	Synthesis of 2-organylselanylbenzo[b]chalcogenophenes via intramolecular cyclization of vinyl selenides	Juliano Alex Roehrs, Thiago Peglow, Raquela G. Jacob, Gelson Perin

182	Synthesis of new arylketo- α -aminoacids using HAT and Metallophotoredox catalysis	Mariana Dupim, Fernanda Finelli, David MacMillan
183	Synthesis and Characterization of Disubstituted 2,1,3-Benzothiadiazole Liquid Crystals	Thaiane Benevides, Elias Regis, Eunice Cerqueira de Jesus, André Vieira
184	Functionalized dienes: a new series of potential agents for the treatment of Alzheimer's Disease	Aldo Oliveira, Lidiane Meier, Eduardo Zapp, Daniela Brondani, Ines Brighente, Marcus Sá
185	Synthesis and characterization of fluorescent receptors based on calix[4]arene with aminopyridine bridges. Ions recognition study	Belén Hernández, José Herrera, Claudio Saitz
186	Synthesis and Characterization of the Diastereoisomerization of 3-(2-Hydroxynaphthyl)-2-phenylisoindolinones	Simon Garden, Marcelo Cosme Vasconcelos Silva
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188	Synthesis of chromeno[4,3- <i>b</i>]quinolines through a domino imine formation/intramolecular aza-Diels-Alder/oxidation process and their use as ligands for phosphorescent cyclometallated iridium complexes	A. Peñaranda Gómez, Carlos E. Puerto Galvis, V. Kouznetsov