

## Bilans succincts 2016-2017

### Laboratoire Physynor

#### *Quelques articles significatifs récemment publiés dans le domaine de la synthèse organique (2016-2017)*

1. Housseem Boulebd, Lhassane Ismaili, Helene Martin, Alexandre Bonet, Mourad Chioua, José Marco-Contelles, Ali Belfaitah, "New (benz)imidazopyridinotacrines as Non-Hepatotoxic, cholinesterase Inhibitors, for Alzheimer's Disease", *Future Med. Chem.* **2017**, 10.4155/fmc-2017-0019 © 2017 Future Science Ltd.
2. Aouatef Tabbi, Dahmane Tebbani, Angela maria Caporale, Carmela Saturnino, S.F. Nabavi, Palma Giuseppe, Claudio Arra, Zerrin Canturk, Gulhan Turan-Zitouni, Hocine Merazig, Eduardo Sobarzo-Sanchez, Luca Rastrelli. "New Adamantyl Chalcones: Synthesis, antimicrobial and anticancer activities". *Current Topics in Medicinal Chemistry (CTMC)*, **2017**, 17, 498-506.
3. Souheila Ladraa, Mourad Chioua, Ali Belfaitah, "A simple and ecofriendly one-pot synthesis of highly substituted 3-cyanopyridine-quinoline hybrids via a triphenylphosphine-catalyzed multi-component reaction under mild conditions ", *J. Heterocyclic Chem.* **2017**, 53, 603-609.
4. Nuria Garcia-Font, Hasna Hayour, Ali Belfaitah, Jorge Pedraz, Ignacio Moraleda, Isabel Irepá, Abdelmalek Bouraiou, Mourad Chioua, José Marco-Contelles. "Potent anticholinesterasic and neuroprotective pyranotacrines as inhibitors of bêta amyloid aggregation, oxidative stress and tau-phosphorilation for Alzheimer disease". *Euro. J. Med. Chem.* **2016**, 118, 178-192.
5. Housseem Boulebd, Lhassane Ismaili, Manuela Bartolini, Abdelmalek Bouraiou, Vincenza Andrisano, Helene Martin, Alexandre Bonet, Ignacio Moraleda, Isabel Irepá, Mourad Chioua, Ali Belfaitah, and José Marco-Contelles, "Imidazopyranotacrines as Non-Hepatotoxic, Selective Acetylcholin- esterase Inhibitors, and Antioxidant Agents for Alzheimer's Disease Therapy", *Molecules*, **2016**, 21, 400.
6. Housseem Boulebd, Sana Zama, Insaf Betaiche, Abdelmalek Bouraiou, Sofiane Bouacida, Hocine Merazig, Alejandro Romero, Mourad Chioua, José Marco-Contelles, and Ali Belfaitah, "Synthesis and biological evaluation of heterocyclic privileged medicinal structures containing (benz)imidazole unit ", *Monatsh. Chem.* **2016**, 147, 2209-2220.
7. Cherif Behloul, Aicha Chouti, Hssene Chabour, Hind Bengliz-Bey, David Guijarro, Francisco Foubelo, Carmen Nájera, Miguel Yus, "LiCl-mediated, easy, and low-cost removal of the trityl group from protected alcohols and diols". *Tetrahedron Lett.* **2016**, 3526-3528.

8. Cherif Behloul, Aicha Chouti, David Guijarro, Francisco Foubelo, Carmen Nájera, Miguel Yus, "Indium-mediated cleavage of the trityl group from protected alcohols and diols". *Tetrahedron*, **2016**, 7937-7941.
9. Behloul Cherif, Bouchelouche Kenza, Hadji, Yasmine, Benseghir, Saadia, Guijarro David; Nájera Carmen, Yus Miguel, "Zn/MeOH-Mediated Practical and Easy Detritylation of Protected 1-Trityltetrazoles". *Synthesis*, **2016**, 48, 4305-4346.
10. Aouatef Tabbi, Zafer Azim Kaplancikli, Dahmane Tebbani, Leyla Yurtas, Zerrin Canturk, Ozlem Atli, Merve Baysal, and Gulhan Turan-Zitouni. "Synthesis of novel Thiazolyipyrazoline derivatives and evaluation of their antimicrobial activities and cytotoxicities". *Turkish J. Chem.***2016**, 40, 641-654.
11. M. Bouchouit, M.E.H. Said, M. Kara-Ali, S. Bouacida, H. Merazig, N. Kacem-Chaouche, A. Chibani, B. Zouchoune, A. Belfaitah, A. Bouraiou, "Synthesis, X-ray structure, theoretical investigation, corrosion inhibition and antimicrobial activity of benzimidazole thioether and theirs metal complexes". *Polyhedron*, **2016**, 119, 248-259.

**Quelques articles significatifs récemment publiés dans le domaine de la phytochimie  
(2016-2017)**

1. Touil Ahmed. "A flavonol triglycoside from *Ecballium Elaterium* (Cucurbitaceae)". *Der Pharma Chimica*. **2017**, 9(10): 59-61.
2. Segueni, N., Zellagui, A., Boulechfar, S., Derouiche, K., Rhouati. S. "Essential oil of *Hertiacheirifolia* leaves : chemical composition, antibacterial and antioxidant activities". *J. Mater. Environ. Sci.* **2017**, 8 (2): 551-556.
3. Labib Noman, Feza Oke-Altunats, Amar Zellagui, Ayse Sahin Yaglioglu, Ibrahim Demirtas, Susana M Cardoso, Salah Akkal, Nouredine Gherraf and Salah Rhouati, "A novel benzimidazole and other constituents with anti-proliferative and antioxidant properties from *Thymelaeamicrophylla* Coss. *Et Dur*", *Natural Prod. Letters*, **2017**, 1-10
4. Segueni, N., Zellagui, A., Moussaoui, F., Lahouel, M., Rhouati, S. "Flavonoids from Algerian propolis". *Arabian J.Chem.* **2016**, 9, S425–S428.
5. Belattar. N., Mechehoud. Y., Benayache. S., Benlabed. K., Segueni. N., Benayache, F. "Determination of Minimum Inhibitory Concentrations of 4, 4'-diacetyldiphenylselenide in Antibacterial Activity". *British J. Pharm. Res.* **2016**, 13(4), 1-6.
6. Kacem N., Roumy V., Duhal N., Hostettmann K., Rhouati S., "Chemical composition of the essential oil from Algerian *Genistaquadrifora* Munby and determination of its antibacterial activities". *Industrial Crops and Products*, **2016**, 90, 87-93.