

BioCIS-CYU : Equipe de Chimie Biologique

Publications :

1. **Studies on the synthesis of 1'-CN-triazolyl-C-ribosides**, Bozinovic, N.; Marques de Aguiar, V.; Ferry, A.; Gallier, F.; Lubin-Germain, N.; Uziel, J.; Soter de Mariz e Miranda, L.; *Org.Biomol.Chem.*, **2022**, [7261-7269](#).
2. **Directed dehydrogenative copper-catalyzed C-H thiolation in pseudo-anomeric position of glycals using thiol and thiosugar partners**, Li, L.; Mahri, L.; de Robichon, M.; Fatthalla, M.; Ferry, A.; Messaoudi, S.; *Adv. Synth. Catal.* **2022**, [ASAP article](#)
3. **Low Fluorinated Oligoamides for Use as Wood Protective**, Zhang, Y.; Vespignani, L.; Balzano, M. G.; Bellandi, L.; Camaiti, M.; Lubin-Germain, N.; Salvini, A. *Coatings* **2022**, *12* (7), 927.
4. **Carbon dots surface chemistry drives fluorescent properties: New tools to distinguish isobaric peptides**, Distefano, A.; Cali, F.; Gaeta, M.; Tuccitto, N.; Auditore, A.; Licciardello, A.; D'Urso, A.; Lee, K.-J.; Monasson, O.; Peroni, E.; Grasso, G.; *J. Colloid Interface Sci.*, **2022**, *625*, 405
5. **Anti-HCV and Zika activities of ribavirin C-nucleosides analogues**, Gonzalez, S.; Brzuska, G.; Ouarti, A.; Gallier, F.; Solarte, C.; Ferry, A.; Uziel, J.; Krol, E.; Lubin-Germain, N.; *Bioorg. Med. Chem.*, **2022**, *68*, [116858](#)
6. **Highly stereoselective multigram scale synthesis of (3S,4S)-Statine and (3S,4S)-N-Benzylstatine**, Ben Haj Salah, K.; Terzani, F.; Pietri, M.; Zanato, C.; Chelain, E.; Pytkowicz, J.; *Results in Chemistry*, **2022**, *4*, [100333](#).
7. **Synthesis, antiviral and antitumor activities investigations of a series of Ribavirin C-nucleoside analogue prodrugs**, Sabat, N.; Ouarti, A.; Migianu-Griffoni, E.; Lecouvey, M.; Ferraris, O.; Gallier, F.; Peyrefitte, C.; Lubin-Germain, N.; Uziel, J.; *Bioorganic Chemistry*, **2022**, *122*, [105723](#)
8. **Sonogashira cross-coupling as a key step in the synthesis of new glycoporphyrins**, Godlewski, B.; Baran, D.; de Robichon, M.; Ferry, A.; Ostrowski, S.; Malinowski, M.; *Org. Chem. Front.*, **2022**, [2396-2404](#)
9. **Organocatalysis applied to carbohydrates: from roots to current developments**, Florian Gallier and Leandro Soter de Mariz e Miranda, *Org. Biomol. Chem.*, **2022**, *20*, 919-933
10. **Hirao cross-coupling reaction as efficient tool to build non-natural C2-phosphonylated sugars**, Monasson, O.; Malinowski, M.; Lubin-Germain, N.; Ferry, A.; *Synthesis*, **2022**, [3414-3420](#)
11. **Introducing the chiral constrained α -trifluoromethylalanine in aib foldamers to control, quantify and assign the helical screw-sense**, Boderio, L., Guitot, K., Lensen, N., Lequin, O., Brigaud, T., Onger, S., Chaume, G. *Chemistry - A European Journal*, **2022**, *28* (8), e202103887
12. **(R)- α -Trifluoromethylalanine as a ^{19}F NMR Probe for the Monitoring of Protease Digestion of Peptides**. Devillers, E.; Chelain, E.; Dalvit, C.; Brigaud, T.; Pytkowicz, J. *ChemBioChem* **2022**, *23*, [e202100470](#)