

## **Dr. Ing. Flavia-Adina Martin (Popa)**

### **Lista de publicații**

1. S. Danescu, G. A. Filip, R. Moldovan, D. Olteanu, A. Nagy, X. Filip, F. Martin, I. Kacso, I. Baldea, *Ketoconazole-p aminobenzoic cocrystal, an improved antimycotic drug formulation, does not induce skin sensitization on the skin of BALBc mice*, *Inflammopharmacology*, **2021**, 29, 3721-733, DOI 10.1007/s10787-021-00834-7
2. L. Rácz, M. Tomoaia Cotișel, C.-P. Racz, P. Bulieris, I. Grosu, S. Porav, A. Ciorîță, X. Filip, F. Martin, G. Serban, I. Kacso, *Curcumin-whey protein solid dispersion system with improved solubility and cancer cell inhibitory effect*, *Studia Universitatis "Babes-Bolyai" Serie Chemia*, **2021**, 66, 3, 209-224, DOI 10.24193/subbchem.2021.3.13
3. I. Kacso, L.M. Rus, F. Martin, M. Miclaus, X. Filip M. Dan, *Solid-state compatibility studies of Ketoconazole-Fumaric acid co-crystal with tablet excipients*, *J. Therm. Anal. Calorim.*, **2021**, 143, 3499-3506, DOI 10.1007/s10973-020-09340-4
4. F. Martin, M. Pop, I. Kacso, I. Grosu, M. Miclaus, D. Vodnar, I. Lung, G.A. Filip, E.D. Olteanu, R. Moldovan, A. Nagy, X. Filip, I. Baldea, *Ketoconazole-p-aminobenzoic Acid Cocrystal: Revival of an Old Drug by Crystal Engineering*, *Mol. Pharmaceutics*, **2020**, 17, 3, 919-932, DOI 10.1021/acs.molpharmaceut.9b01178
5. F. Martin, D. Marconi, S. Neamtu, T. Radu, M. Florescu, R. Turcu, C. Lar, N. Hadade, I. Grosu, I. Turcu, *"Click" access to multilayer functionalized Au surface: A terpyridine patterning example*, *Mater Sci Eng C Mater Biol Appl.*, **2017**, 75, 1343-1350, DOI 10.1016/j.msec.2017.03.033
6. X. Filip, M. Miclaus, F. Martin, C. Filip, I. Grosu, *Optimized multi-step NMR-crystallography approach for structural characterization of a stable quercetin solvate*, *J. Pharma. Biomed. Anal.*, **2017**, 138, 10, 22-28, DOI 10.1016/j.jpba.2017.01.047
7. F. Dragan, I. Kacso, F. Martin, G. Borodi, I. Bratu, M. Costuleanu, I. Sandu, V. Poroch, *Solid State Interactions Between Ketoprofen and Excipients in Solid Dosage Forms*, *Rev. Chim. (Bucharest)*, **2016**, 67, 10, 2043-2048
8. M. Miclaus, X. Filip, C. Filip, F. Martin, I. G. Grosu, *Highly sensitive solid forms discrimination on the whole tablet of the active ingredients in quercetin dietary supplements by NMR crystallography approaches*, *J. Pharma. Biomed. Anal.*, **2016**, 124, 274-280, DOI 10.1016/j.jpba.2016.03.006
9. M. Muresan-Pop, L. B. Chiriac, F. Martin, S. Simon, *Novel nutraceutical Myricetin composite of enhanced dissolution obtained by co-crystallization with acetamide*, *Composites Part B*, **2016**, 89, 60-66, DOI 10.1016/j.compositesb.2015.11.024
10. A. Calborean, F. Martin, D. Marconi, R. Turcu, I.E. Kacso, L. Buimaga-Iarinca, F. Graur, I. Turcu, *Adsorption mechanisms of L-Glutathione on Au and controlled nano-patterning through Dip Pen Nanolithography*, *Materials Science and Engineering C*, **2015**, 57, 171-180, DOI 10.1016/j.msec.2015.07.042
11. M. O. Miclaus, I. Kacso, F. Martin, L. David, M. M. Pop, C. Filip, X. Filip, *Crystal Structure and Desolvation Behaviour of the Tadalafil Monosolvates with Acetone and Methyl Ethyl Ketone*, *J. Pharm. Sci.*, **2015**, 104, 3782-3788, DOI 10.1002/jps.24597

12. M. Muresan-Pop, I. Kacso, F. Martin, S. Simon, R. Stefan, I. Bratu, *Ambazone salt with p-aminobenzoic acid - The double benefit of solubility and antibacterial activity improvement*, J. Therm. Anal. Calorim., **2015**, 120, 905-912, DOI 10.1007/s10973-015-4452-0
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14. I. Nagy, O. Moldovan, F. Popa, P. Lameiras, C. Morar, C. Sacalis, M. Darabantu, *Synthesis of some selectively N-protected (1S,2S)-p-nitrophenylserinol-based diamino-1,3-dioxanes and tripodands*, Synthetic Communications, **2015**, 45, 2319-2330, DOI10.1080/00397911.2015.1078360
15. F. Martin, C. Baudequin, C. Fiol-Petit, M. Darabantu, Y. Ramondenc, N. Ple, *Synthesis and optical properties of multibranching and C3 symmetrical oligomers with benzene or triphenylamine core and diazines as peripheral groups*, Tetrahedron, **2014**, 70, 2546-2555, DOI 10.1016/j.tet.2014.02.044
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19. O. Moldovan, P. Lameiras, E. Henon, F. Popa, A. Martinez, D. Harakat, C. Sacalis, Y. Ramondenc, M. Darabantu, *New serinolic amino-s-triazines by chemoselective amination of cyanuric chloride and their (pro)diastereomerism in restricted rotational phenomena*, Central European Journal of Chemistry, **2012**, 10, 1119-1136, DOI 10.2478/s11532-012-0015-4
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N. Plé, M. Darabantu, *Serinic Amino-s-triazines: Iterative Synthesis and Rotational Stereochemistry Phenomena as N-substituted Derivatives of 2-Aminopropane-1,3-diols*, *Tetrahedron*, **2008**, 64, 8851-8870, DOI 10.1016/j.tet.2008.06.071

**25.** F. Popa, I. Simioanca, M. Pintea, M. Fazekas, L. Gratecap, C. Berghian, C. Batiu, M. Darabantu, *Synthesis of new potential dendritic cores: (4-oxopiperidin-1-yl)-s-triazines*, *Studia Universitatis "Babes-Bolyai" Serie Chemia*, **2008**, LIII, 4, 5-14