

LISTA DE LUCRĂRI¹
a candidatului SARBU IULIAN

1. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii (care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări menționate mai jos):

R1. Emma Adriana Ozon, **Iulian Sarbu***, Violeta Popovici, Mirela Adriana Mitu, Adina Magdalena Musuc, Oana Karampelas, Bruno Stefan Velescu, *Three-Dimensional Printing Technologies in Oral Films Manufacturing-A Minireview*, MDPI Processes, Published: Sep 2023 in Processes, 11, 2628. <https://DOI.org/10.3390/PR11092628> (F.I. 3,5)

R2. Roxana Colette Sandulovici, Mihailescu Carman Marinela, Alexandru Grigoriu, Carmen Aura Moldovan, Mihaela Savin, Viorel Ordeanu, Sorina Nicoleta Voicu, Daniel Cord, Gabriela Mariana Costache, Mona Luciana Falatanu, Mariana Popescu, **Iulian Sarbu**, Erand Mati, Lucia Elena Ionescu, Razvan Neagu, Vasilica Tucureanu, Rimbu Mirela Claudia, Iuliana Mihalache, Cosmin Romanitan, Alice Piperea Sianu, Adina Boldeiu, Oana Brincoveanu, Carmen Elisabeta Manea, Bogdan Firtat, George Stelian Muscalu, David Dragomir, *The Physicochemical and Antimicrobial Properties of Silver/Gold Nanoparticles Obtained by "Green Synthesis" from Willow Bark and Their Formulations as Potential Innovative Pharmaceutical Substances* – Pharmaceuticals 2023, 16, 48. <https://doi.org/10.3390/ph16010048> (F.I. 4,6)

R3. Ancuța Cătălina Fița, Ana Andreea Secăreanu, Adina Magdalena Musuc, Emma Adriana Ozon, **Iulian Sarbu***, Irina Atkinson, Adriana Rusu, Erand Mati, Valentina Anuta, Anca Lucia Pop, *The Influence of the Polymer Type on the Quality of Newly Developed Oral Immediate-Release Tablets Containing Amiodarone Solid Dispersions Obtained by Hot-Melt Extrusion* – Molecules 2022, 27, 6600. <https://doi.org/10.3390/molecules27196600> (F.I. 4,6)

R4. Adina Magdalena Musuc, Valentina Anuta, Irina Atkinson, **Iulian Sarbu***, Vlad Tudor Popa, Cornel Munteanu, Constantin Mircioiu, Emma Adriana Ozon, George Mihai Nitulescu, *Formulation of Chewable Tablets Containing Carbamazepine-betacyclodextrin Inclusion Complex and F-Melt Disintegration Excipient. The Mathematical Modeling of the Release Kinetics of Carbamazepine* Published: Jun 2021 in Pharmaceutics, 13, 915. <https://doi.org/10.3390/pharmaceutics13060915> (F.I. 6,32)

R5. Marian Novac, Adina Magdalena Musuc, Emma Adriana Ozon, **Iulian Sarbu***, Mirela Adriana Mitu, Adriana Rusu, Daniela Gheorghe, Simona Petrescu, Irina Atkinson, Dumitru Lupuliasa, *Manufacturing and Assessing the. New Orally Disintegrating Tablets, Containing Nimodipine-hydroxypropyl-beta-cyclodextrin and Nimodipinemethyl- beta-cyclodextrin Inclusion Complexes* Published: Mar 2022 in Molecules, 27, <https://doi.org/10.3390/molecules27062012> (F.I. 4,6)

R6. Magdalena Mititelu, Elena Morosan, Anca Cecilia Nicoara, Ana Andreea Secareanu, Adina Magdalena Musuc, Irina Atkinson, Jeanina Pandlele Cusu, George Mihai Nitulescu Nitulescu, Emma Adriana Ozon, **Iulian Sarbu***, Teodora Dalila Balaci, *Development of Immediate Release Tablets Containing Calcium Lactate Synthetized from Black Sea Mussel Shells* Published: Jan 2022 in Marine Drugs, 20, 45, <https://doi.org/10.3390/md20010045> (F.I. 5,4)

R7. Marian Novac, Adina Magdalena Musuc, Emma Adriana Ozon, **Iulian Sarbu***, Mirela Adriana Mitu, Adriana Rusu, Simona Petrescu, Irina Atkinson, Daniela Gheorghe, Dumitru Lupuliasa, *Design and Evaluation of Orally Dispersible Tablets Containing Amlodipine Inclusion Complexes in Hydroxypropyl-β-cyclodextrin and Methyl-β- cyclodextrin* Published: Aug 2022 in Materials, 15, 5217. <https://doi.org/10.3390/ma15155217> (F.I. 3,75)

R8. Emma Adriana Ozone, Maria Novac, Daniela Gheorghe, Adriana Magdalena Musuc, Mirela Adriana Mutu, **Iulian Sarbu***, Valentina Anuta, Adriana Rusu, Simona Petrescu, Irina Atkinson, Dumitru Lupileasa, *Formation and Physico-Chemical Evaluation of Nifedipine-hydroxypropyl-β- cyclodextrin and Nifedipine-methyl-β-cyclodextrin: The Development of Orodispersible Tablets* Published: Aug 2022 in Pharmaceuticals, 19, 993. <https://doi.org/10.3390/hp15080993> (F.I. 4,6)

R9. Violeta Popovici, Elena Matei, Georgeta Camelia Cozaru, Laura Bucur, Elena Gîrd, Verginica Schröder, Emma Adriana Ozon, **Iulian Sarbu***, Adina Magdalena Musuc, Irina Atkinson, Adriana Rusu, Simona Petrescu, Raul Augustin Mitran, Mihai Anastasescu, Aureliana Caraiane, Dumitru Lupuliasa, Mariana Aschie, Victoria Badea, *Formulation and Development of Bioadhesive Oral Films Containing Usnea barbata (L.) FHWigg Dry Ethanol Extract (F-UBE-HPC) with Antimicrobial and Anticancer Properties for Potential Use in Oral Cancer Complementary Therapy* Published: Sep 2022 in Pharmaceutics, 14, 1808. <https://doi.org/10.3390/pharmaceutics14091808> (F.I. 6,52)

¹ Se prezintă obligatoriu și în format PDF, obținut prin *conversie* a fișierului Word sau Excel (nu scanat).

R10. Adina Magdalena Musuc, Valentina Anuta, Irina Atkinson, Vlad Tudor Popa, **Iulian Sarbu***, Constantin Mircioiu, Ghaleb Abdalameer Abdalrb, Mirela Mitu, Emma Adriana Ozone, *Development and Characterization of Orally Disintegrating Tablets Containing a Captopril-Cyclodextrin Complex*, *Pharmaceutics* 2020m 12, 744. <https://doi.org/10.3390/pharmaceutics12080744> (F.I. 4,42)

2. Teza/tezele de doctorat:

T1. Cercetarea si dezvoltarea unor metode complementare pentru evaluarea agregarii plachetare si eritrocitare. Universitatea de Medicina si Farmacie ``Carol Davila`` Bucuresti Domeniu Farmacie, UMF Carol Davila, București, seria J, nr 0001450 nr. înregistrare 5/26.05.2016

3. Brevete de invenție și alte titluri de proprietate intelectuală (dacă este cazul):

B1. COMPOZITII FARMACEUTICE CARE CONTIN PRAMIRACETAM HIDRAT, PROCEDEU DE OBTINERE A ACESTORA SI UTILIZĂRILE LOR (11) 135833 A2 (51) C07D 207/27 (2006.01); A61K 31/40 (2006.01); A61P 25/28 (2006.01); (21) a 2020 00857 (22) 24/12/2020 (41) 30/06/2022//6/2022 (71) AMOL (ALVOGEN MALTA OUT-LICENSING) **SARBU IULIAN** ; ALLADA RAMESH ; CHANDAK ABHAYKUMAR ; RADE GELU ; IONITA ALINA; LINCUL NICULINA ; UDRESCU STEFAN (74) ROMINVENT S.A – Cerere depusă

4. Cărți de specialitate și capitole în cărți de specialitate:

C1. Roxana Colette Sandulovici, **Iulian Sarbu**, Ion Mircioiu, *Legislatie si reglementari in domeniul farmaceutic* – ISBN 978-606-767-053-0 Editura Universitatii „Titu Maiorescu”din Bucuresti

C2. Roxana Colette Sandulovici, **Iulian Sârbu**, Erand Mati, Mona Luciana Gălățanu, *Tehnologie farmaceutică I. Aplicații practice*, Editura Universității Titu Maiorescu, ISBN 978-606-767-119-3, în curs de publicare

C3. Roxana Colette Sandulovici, **Iulian Sârbu**, Erand Mati, Mona Luciana Gălățanu, *Tehnologie farmaceutică II. Baze teoretice*, în curs de publicare la Editura Universității Titu Maiorescu

C4. Roxana Colette Sandulovici, **Iulian Sârbu**, Erand Mati, Mona Luciana Gălățanu, *Tehnologie farmaceutică III. Baze teoretice*, în curs de publicare la Editura Universității Titu Maiorescu

C5. Roxana Colette Sandulovici, **Iulian Sârbu**, Erand Mati, Mona Luciana Gălățanu, *Tehnologie farmaceutică IV. Baze teoretice*, în curs de publicare la Editura Universității Titu Maiorescu

C6. Hațieganu, E., Pascale, G. și colaboratori AILIESEI IOANA, ORBEȘTEANU ANA-MARIA, **SÂRBU IULIAN**, ȘIANU-PIPEREA ALICE, TĂBLEȚ CRISTINA – *Botanică farmaceutică: note de curs. (vol. 2)*, ISBN 978-606-8002-97-2, ISBN vol. 2 978-606-767-003-5 (2015).

C7. Hațieganu, E., Cintează, O., Ailiesei, I., Orbeșteanu, A.M. **colaboratori SÂRBU IULIAN**, ȘIANU-PIPEREA ALICE, TĂBLEȚ CRISTINA, PASCALE GABRIELA, CONSTANTIN LAURA – *Chimie farmaceutică*. Vol. I, ISBN 978-606-767-012-7, ISBN vol. 1: 978-606-767-013-4 (2015).

5. Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal:

Articole ISI, ca autor principal: 12

A1. Emma Adriana Ozon, **Iulian Sarbu***, Violeta Popovici, Mirela Adriana Mitu, Adina Magdalena Musuc, Oana Karampelas, Bruno Stefan Velescu, *Three-Dimensional Printing Technologies in Oral Films Manufacturing-A Minireview*, *MDPI Processes*, Published: Sep 2023 in *Processes*, 11, 2628. <https://DOI.org/10.3390/PR11092628> (F.I. 3,5)

A2. Anuța Cătălina Fița, Ana Andreea Secăreanu, Adina Magdalena Musuc, Emma Adriana Ozon, **Iulian Sarbu***, Irina Atkinson, Adriana Rusu, Erand Mati, Valentina Anuta, Anca Lucia Pop, *The Influence of the Polymer Type on the Quality of Newly Developed Oral Immediate-Release Tablets Containing Amiodarone Solid Dispersions Obtained by Hot-Melt Extrusion* – *Molecules* 2022, 27, 6600. <https://doi.org/10.3390/molecules27196600> (F.I. 4,6)

A3. Adina Magdalena Musuc, Valentina Anuta, Irina Atkinson, **Iulian Sarbu***, Vlad Tudor Popa, Cornel Munteanu, Constantin Mircioiu, Emma Adriana Ozon, George Mihai Nitulescu, *Formulation of Chewable Tablets Containing Carbamazepine-betacyclodextrin Inclusion Complex and F-Melt Disintegration Excipient. The Mathematical Modeling of the Release Kinetics of Carbamazepine* Published: Jun 2021 in *Pharmaceutics*, 13, 915. <https://doi.org/10.3390/pharmaceutics13060915> (F.I. 6,32)

A4. Marian Novac, Adina Magdalena Musuc, Emma Adriana Ozon, **Iulian Sarbu***, Mirela Adriana Mitu, Adriana Rusu, Daniela Gheorghe, Simona Petrescu, Irina Atkinson, Dumitru Lupuliasa, *Manufacturing and Assessing the. New Orally*

Disintegrating Tablets, Containing Nimodipine-hydroxypropyl-beta-cyclodextrin and Nimodipinemethyl- beta-cyclodextrin Inclusion Complexes Published: Mar 2022 in *Molecules*, 27, <https://doi.org/10.3390/molecules27062012> (F.I. 4,6)

A5. Magdalena Mititelu, Elena Morosan, Anca Cecilia Nicoara, Ana Andreea Secareanu, Adina Magdalena Musuc, Irina Atkinson, Jeanina Pandele Cusu, George Mihai Nitulescu Nitulescu, Emma Adriana Ozon, **Julian Sarbu***, Teodora Dalila Balaci, *Development of Immediate Release Tablets Containing Calcium Lactate Synthesized from Black Sea Mussel Shells* Published: Jan 2022 in *Marine Drugs*, 20, 45, <https://doi.org/10.3390/md20010045> (F.I. 5,4)

A6. Marian Novac, Adina Magdalena Musuc, Emma Adriana Ozon, **Julian Sarbu***, Mirela Adriana Mitu, Adriana Rusu, Simona Petrescu, Irina Atkinson, Daniela Gheorghe, Dumitru Lupuliasa, *Design and Evaluation of Orally Dispersible Tablets Containing Amlodipine Inclusion Complexes in Hydroxypropyl-β-cyclodextrin and Methyl-β- cyclodextrin* Published: Aug 2022 in *Materials*, 15, 5217. <https://doi.org/10.3390/ma15155217> (F.I. 3,75)

A7. Emma Adriana Ozone, Maria Novac, Daniela Gheorghe, Adriana Magdalena Musuc, Mirela Adriana Mutu, **Julian Sarbu***, Valentina Anuta, Adriana Rusu, Simona Petrescu, Irina Atkinson, Dumitru Lupileasa, *Formation and Physico-Chemical Evaluation of Nifedipine-hydroxypropyl-β- cyclodextrin and Nifedipine-methyl-β-cyclodextrin: The Development of Orodispersible Tablets* Published: Aug 2022 in *Pharmaceutics*, 19, 993. <https://doi.org/10.3390/hp15080993> (F.I. 4,6)

A8. Violeta Popovici, Elena Matei, Georgeta Camelia Cozaru, Laura Bucur, Elena Gîrd, Verginica Schröder, Emma Adriana Ozon, **Julian Sarbu***, Adina Magdalena Musuc, Irina Atkinson, Adriana Rusu, Simona Petrescu, Raul Augustin Mitran, Mihai Anastasescu, Aureliana Caraiane, Dumitru Lupuliasa, Mariana Aschie, Victoria Badea, *Formulation and Development of Bioadhesive Oral Films Containing Usnea barbata (L.) FHWigg Dry Ethanol Extract (F-UBE-HPC) with Antimicrobial and Anticancer Properties for Potential Use in Oral Cancer Complementary Therapy* Published: Sep 2022 in *Pharmaceutics*, 14, 1808. <https://doi.org/10.3390/pharmaceutics14091808> (F.I. 6,52)

A9. Adina Magdalena Musuc, Valentina Anuta, Irina Atkinson, Vlad Tudor Popa, **Julian Sarbu***, Constantin Mircioiu, Ghaleb Abdalameer Abdalrb, Mirela Mitu, Emma Adriana Ozone, *Development and Characterization of Orally Disintegrating Tablets Containing a Captopril-Cyclodextrin Complex*, *Pharmaceutics* 2020, 12, 744. <https://doi.org/10.3390/pharmaceutics12080744> (F.I. 4,42)

A10. Roxana Sandulovici, Constantin Mircioiu, Victor Voicu, Firas Ghafil, Erand MATI, Valentina Anuta, **Julian Sarbu***, Ion Mircioiu, *Modelling of release kinetics of mebendazole from solid dispersion based formulations in simulated gastric fluid*, *Rom Biotechnol Lett.* 2020; 25(2): 1473-1481. <https://doi.org/10.25083/rbl/25.2/1473.1481> (F.I. 0,76)

A11. **Julian Sarbu**, Erand Mati, Stiliyana Borisova, Alice Piperea Sianu, Irina Prasacu, *Video Recording and Time Resolved Digital Particle Image Velocimetry in Evaluation of Antiaggregant Drugs*, *Farmacia*, 2016, vol 64, 1, pp 116-124 (F.I. 1,35)

A12. Alice Piperea Sianu, **Julian Sarbu***, Erand Mati, Dan Piperea Sianu, *Study of Synergic Effect between some Metal Ions and Adrenaline on Human Blood Platelets Aggregation*, *Farmacia*, 2015, vol 63, 6, pp 828-834 (F.I. 1,16)

Articole ISI, coautor: 5

A13. Roxana Colette Sandulovici, Mihailescu Carman Marinela, Alexandru Grigorioiu, Carmen Aura Moldovan, Mihaela Savin, Viorel Ordeanu, Sorina Nicoleta Voicu, Daniel Cord, Gabriela Mariana Costache, Mona Luciana Falatanu, Mariana Popescu, **Julian Sarbu**, Erand Mati, Lucia Elena Ionescu, Razvan Neagu, Vasilica Tucureanu, Rimbu Mirela Claudia, Iuliana Mihalache, Cosmin Romanitan, Alice Piperea Sianu, Adina Boldeiu, Oana Brincoveanu, Carmen Elisabeta Manea, Bogdan Firtat, George Stelian Muscalu, David Dragomir, *The Physicochemical and Antimicrobial Properties of Silver/Gold Nanoparticles Obtained by “Green Synthesis” from Willow Bark and Their Formulations as Potential Innovative Pharmaceutical Substances* – *Pharmaceutics* 2023, 16, 48. <https://doi.org/10.3390/ph16010048> (F.I. 4,6)

A14. Roxana Sandulovici, Hassan Y Aboul Enein, Victor Voicu, Abbas Firas Ghafil, Erand Mati, Valentina Anuta, **Julian Sarbu**, Ion Mircioiu, *Determination and Modelling of In Vitro Release Kinetics of Mebendazole in Simulated Intestinal Fluid from Solid Dispersion Formulation as Infinite Reservoirs*, *Acta Poloniae Pharmaceutica* Drud Research, vol 77, no 6, pp 849-861, 2020, <https://doi.org/10.32383/appdr131112> (F.I. 0,3)

A15. Siliyana Borisova, **Julian Sarbu**, Simona Nicoleta Savu, Erand Mari, *Effect of Platelets Antiaggregant Clopidogrel on Erythrocytes Aggregation and Sedimentation*, *Farmacie*, 2016, vol.64, 4, pp 785-792 (F.I. 1,35)

A16. Valentina Anuta, **I. Sarbu**, I. Mircioiu, B.S. Velescu, *Development of a New HPLC Method for Simultaneous Determination of Clopidogrel and its Major Metabolite Using a Chemometric Approach*, *Current Health Sciences Journal*, vol 41, no 1, 2015, January-March. Published: Jan 2015 in *Current Health Sciences Journal* DOI: 10.12865/CHSJ.41.01.02 (F.I. 0,35)

A17. B.S. Velescu, Valentina Uivarosi, Anca Buzescu, **I. Sarbu**, Ecaterina Ionescu, Valentina Anuta, *Pharmacokinetic profile evaluation of di-mu-hydroxobis(quercetinatoovanadium(IV)) complex*, *Current Health Sciences Journal*, vol 40, no

4, 2014, October-December. Published: Oct 2014 in Current Health Sciences Journal DOI: 10.12865/CHSJ.40.04.06 (F.I. 0,35)

Articole BDI, articol: 7

A18. S. Borisova, **I. Sarbu**, E. Mati, S.N. Savu, *In vitro Research Concerning Effect of Clopidogrel Alone and on Combination with Aspirin and Dypiridamoleon Sedimentation of Erythrocytes* Published: Jan 2017 in Current Health Sciences Journal, pp 12-19. DOI: 10.12865/CHSJ.43.01.02

A19. **Iulian Sarbu**, Alice Piperea Sianu, E. Mati, Stiliyana Borisova, C. Grigore *Application of Biopharmaceutical and Clinical Metrics in Analyzing Modification of Platelets Aggregation Curves by Calcium Ion*, Current Health Sciences Journal, pp. 62-68, Published: Jan 2017 in Current Health Sciences Journal DOI: 10.12865/CHSJ.43.01.09

A20. Borisova Stiliyana, Mormenschi Doina, **Iulian Sarbu**, *New Methods for Comparison of Erythrocyte Sedimentation Curves in Estimation Of Aggregant and Antiaggregant Effects of Drugs*, Therapeutics, Pharmacology and Clinical Toxicology, vol XVI, number . september 2012, pages 190-196

A21. Angela Gabriela Postoarca, Mihaela Ionescu, Alice Piperea-Sianu, **I. Sarbu**, Lavinia Georgeta Hinescu, *Sodium Ion Effect on Separation Of Butyrylcholinesterase from Plasma by Ion-Exchange Chromatography*, Current Health Sciences Journal, vol 41, no 2, 2015, April-June, DOI: 10.12865/CHSJ.41.02.12 Published: Apr 2015 in Current Health Sciences Journal

A22. Firas Ghafil, Valentina Anuta, **Iulian Sarbu**, Corina Dalia Toderescu, Ion Mircioiu, *Increasing the bioavalilability of mebendazole I. Influence of croscarmellose on dissolution rate, extent and mechanism in simulated gastric medium* Published: 2017 in Studia Universitatis Vasile Goldis Arad, Seria Stiintele Vietii, vol 27 issue 1, 2017, pp 69-78

A23. Firas Ghafil, Valentina Anuta, **Iulian Sarbu**, Corina Dalia Toderescu, Ion Mircioiu, *Increasing the bioavalilability of mebendazole II. Influence of croscarmellose on dissolution rate, extent and mechanism in simulated intestinal medium*, Published: 2017 in Studia Universitatis Vasile Goldis Arad, Seria Stiintele Vietii, vol 27 issue 1, 2017, pp 105-110

A24. Ghaleb Abdalameer Abdalrb, Emma Adriana Budura, Corina Dalia Toderescu, **Iulian Sârbu**, *Formulation and manufacturing process of some chewable tablets containing carbamazepine - B - Cyclodextrin inclusion complex* Published: 2017 in Studia Universitatis Vasile Goldis Arad, Seria Stiintele Vietii, vol 27 issue 1, 2017, pp 39-46

6. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate: 8

P1. Mona Luciana Gălățanu, Mariana Panțuroiu, **Iulian Sârbu**, Erand Mati, Raluca Maria Swoboda, Daniel Cord, Mirela Claudia Rambu, *The Antidiabetic Effect Of A Dry Extract From The Romanian Specie Artemisia Dracunculus L*, International Conference Education And Creativity For A Knowledge Based Society, (17th Edition), University Titu Maiorescu, București, November 23 - 25, 2023

P2. Velescu Bruno-Stefan, Anuta Valentina, Sarbu Iulian, Octavian Olaru, Irina Fierascu, Fierascu Radu, *Non-clinical analgesic effect evaluation of some pharmaceutical dosage forms based on effects potentiation of acetaminophen, aspirin and caffeine association with chlorpheniramine*, Lucrare poster prezentata la 10th International Symposium „Chemistry Priorities for a Sustainable Development” (Priochem) 29-30 octombrie 2015 Bucuresti

P3. Anuța V, Sarbu I, Velescu BS, Savu SN, Mircioiu I. *Modelling of in vitro release kinetics of clopidogrel from immediate release tablets in compendial and biorelevant media*. Lucrare poster prezentata la School of Advanced Studies - Biowaivers, development of in vitro-in vivo correlations and quality generic drugs, Bucuresti, 9 -11 iulie 2014, pag 193-194, ISBN: 978-973-708-773-7

P4. Velescu BS, Anuța V, Sarbu I, Buzescu A, Fierascu A, Fierascu RC, Negres S. *Non-clinical antiinflammatory effect evaluation of two pharmaceutical dosage forms containing an nsaid agent by plethysmometry*. Lucrare poster prezentata la 10th International Symposium „Chemistry Priorities for a Sustainable Development” (Priochem) 30-31 octombrie 2014, Bucuresti, Romania, pag 69. ISSN 2285 – 8334

P5. S. Borisova, E. Mati, I. Sarbu, S.N. Savu , *Effect oplatelets antiagregant clopidogrel on erythrocytes aggregation and sedimentation*, Congress of the University of Medicine and Pharmacy Carol Davila, Bucharest (29-30 May 2015) ISSN: 1841-9038

P6. A.Piperea-Șianu, I. Sârbu, D. Piperea-Șianu, *Research concerning effects of Zinc ion on platelet aggregation with toxicological significance*, Congress of the University of Medicine and Pharmacy Carol Davila, Bucharest (29-30 May 2015) ISSN: 1841-9038

P7. Iulian Sarbu;E.Mati;R.Sandulovici;R.Butnarita. *Mathematical and statistical analisys in comparison of platelet aggregation curves*, Lucrare poster prezentata la School of Advanced Studies - Biowaivers, development of in vitro-in vivo correlations and quality generic drugs, Bucuresti, 9 -11 iulie 2014, pag 195-196, ISBN: 978-973-708-773-7

P8. Iulian Sarbu, M Erand, S Borisova, A Piperea-Sianu *Evaluation of erythrocytes aggregation and sedimentation using digital Particle Image Velocimetry*, Research people and actual tasks on multidisciplinary sciences, 24 – 28 Iunie 2015, Lozenec, Bulgaria, pag 222-225, Volumul 2, ISSN 1313-7735

7. Proiecte de cercetare/dezvoltare pe bază de contract/grant (director grant/membru în echipă):

- G1.** 2008-2011, membru colectiv in:``PN II/ PC/ 42100 **Studiul efectelor interacțiunilor matricelor biologice cu unele alimente asupra variabilității rezultatelor bioanalitice**``
- G2.** 2008-2011, membru colectiv in:`` PN II/ PC/ 42134/ **Studiul factorilor critici in dizolvarea si eliberarea substantelor active greu solubile din formele farmaceutice**``.
- G3.** 2022-2024, membru colectiv in, proiectul **Noi abordări nanotehnologice ecologice pentru sinteza/biosinteza nanoparticulelor metalice în testele rapide de diagnostic și în aplicații farmaceutice** (*acronim BIONanoSolution*) – proiect intern de cercetare 2022 – 2024 (cod depunere proiect PCI 125, la Universitatea Titu Maiorescu, București)

8. Alte lucrări și contribuții științifice: Referent

- L1.** Bio guided assay of Ephedra foeminea Forssk extracts and Anticancer Activities: In vivo, In vitro, and In Silico Evaluations, Reviewed for Molecules
- L2.** Tablet Compaction from Dried Puerto Rican Ipomoea batatas and Artocarpus altilis Particles, Reviewed for Powders
- L3.** In vitro effect of three-antibiotic combinations plus potential antibiofilm agents against biofilmproducing Mycobacterium avium and Mycobacterium intracellulare clinical isolates, Reviewed for Antibiotics
- L4.** Network Pharmacology and Molecular Docking Analysis Explores the Mechanisms of Tripterygium Wilfordii in the Treatment of Oral Lichen Planus, Reviewed for Medicina
- L5.** A Comparative Study of Tumor-Specificity and Neurotoxicity Between 3-Styrylchromones and Anticancer Drugs, Reviewed for Medicines
- L6.** A Sustainable Approach to Charantin Extraction from Bitter Gourd Using Supercritical Carbon Dioxide and Ethanol, Reviewed for Processes
- L7.** Semi-VOCs of pyrolygneous acid display strong antifungal activities against oomycete species Globisporangium ultimum and Pythium aphanidermatum, Reviewed for Microbiology Research
- L8.** New protective barrier based on usnic acid to prevent infection: an in vitro analysis, Reviewed for International Journal of Molecular Sciences
- L9.** Oroxyllum indicum Vent Root Bark Extract Inhibits the Proliferation of Cancer Cells and Induce Apoptotic Cell Death, Reviewed for Processes

7. Traduceri de lucrări științifice:

TR1. -

Declar pe proprie răspundere că datele prezentate sunt în conformitate cu realitatea

Data 15.01.2024

(prenume, nume, semnătura)
IULIAN SÂRBU
