

**Academia
Oamenilor de Știință
din Romania
Filiala Iași**



**Academy
of Romanian
Scientists
Iași Branch**

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RAPORT DE ACTIVITATE

pentru anul 2020

**al Filialei Iași a Academiei Oamenilor de Știință din
Romania (AOȘR)**

A. Organizarea de manifestări științifice în colaborare cu parteneri din universități și institute de cercetare din țară și din străinătate

1. **Colocviul național A. D. Xenopol – 100, Zilele Academice Ieșene – 2020**, la Institutul de Istorie A. D. Xenopol, 5 noiembrie 2020 - **Prof. univ. dr. Gheorghe Cliveti**.
2. **"The 28th Conference on Applied and Industrial Mathematics" CAIM 2020**, "Babeș - Bolyai" University of Cluj-Napoca, Romania, September 17-20, 2020, Member in "Scientific Committee", **Prof. emerit dr. Constantin Fetecau**.
3. **International Conference of Mechanical Engineering and Materials (ICMEM)**, Beijing, China, 16-17 Oct 2020, Member of the Technical Program Committee, **Prof. emerit dr. Constantin Fetecau**.
4. **AL XIV-lea Congres al ASRRC, Tehnologii de avangarda in medicina dentara contemporana**, 26-28 Noiembrie 2020 IASI, on-line - **Prof.univ.dr. Norina Consuela Forna**.
5. **Al XII-lea Congres International al Asociației Dentare Române pentru Educație ADRE - Interdisciplinaritate și concepte în medicina contemporana evoluție și tendințe în medicina dentară minim invazivă** - 17-19 Decembrie 2020, Iași online - **Prof.univ.dr. Norina Consuela Forna**.

6. Curs Interdisciplinar online "**ABORDAREA PACIENTULUI VÂRSTNIC CU PATOLOGIE CARDIOVASCULARĂ ÎN AMBULATOR**", sub egida Universitatii de Medicina si Farmacie "Grigore T. Popa" Iasi si Spitalul Clinic de Recuperare Iasi, 29 iunie 2020. Organizator si Director de Curs: **Prof. Univ. Dr. Habil. Florin Mitu.**
7. **Conferinta online Zilele Spitalului Clinic de Recuperare Iasi – Recuperarea: Cine? Cand? Unde?**, sub egida Universitatii de Medicina si Farmacie "Grigore T. Popa" Iasi si Spitalul Clinic de Recuperare Iasi, Colegiului Medicilor Iasi, Societatea de Medici si Naturalisti Iasi, 29 iunie-4 iulie 2020, www.recuperareiasi.ro. Organizator si vicepresedinte manifestare: **Prof. Univ. Dr. Habil. Florin Mitu.**
8. **Conferinta Nationala No Addict 2020 " Actualitati in medicina Adictiei"** – webinar, sub egida Universitatii de Medicina si Farmacie "Grigore T. Popa" Iasi, Colegiului Medicilor Iasi, 10-12 septembrie 2020, Director de curs: Alcoolul si bolile cardiovasculare", **Prof. Univ. Dr. Habil. Florin Mitu.**
9. **Conferința Internațională ModTech2020**, organizată de Asociația Profesională în Tehnologii Moderne de Fabricație, ModTech, Iași, Romania, 23-27 iunie, editie online, Co-organizatori: Universitatea Tehnica Gheorghe Asachi din Iasi; Technical Sciences Academy of Romania; The Society of Powder Technology of Japan; Silesian University of Technology of Gliwice, Poland; "Alec Russo" University of Balti, Republic of Moldova; Academy of Sciences of Moldova, Republic of Moldova; "Vasile Alecsandri" University of Bacau, Romania; "Dunarea de Jos" University of Galati, Romania; "Lucian Blaga" University of Sibiu, Romania; "Stefan cel Mare" University of Suceava, Romania; The General Association of the Engineers in Romania; Constanta Maritime University, Romania; - **Prof.univ.dr.ing.ec. Nedelcu Dumitru.**
10. Member of the Scientific Committee of the 8th edition of "**ModTech International Conference**", 23-27 June, 2020, online edition - **Prof.univ.dr.ing. Nicolae Țăranu.**
11. Member of the International Scientific Committee "**XIX INTERNATIONAL SCIENTIFIC CONFERENCE VSU'2020**", Construction and Architecture, 15-17 October 2020, Sofia - **Prof.univ.dr.ing. Nicolae Țăranu.**
12. Member of the Scientific Committee "**The International Scientific Conference CIBv2020**", 5-6 November 2020, Brașov, **Prof.univ.dr.ing. Nicolae Țăranu.**

B. Participare la sesiuni, conferințe/ congrese științifice naționale și internaționale

- manifestări științifice internaționale:

1. *Microbiome-dependent antioxidant, gastrointestinal and neurological modulation of irritable bowel syndrome symptomatology*, Balmus I.M., Cojocariu R., Ilie O., Lefter R., **Ciobica A.**, Trifan A., Stanciu C., **28th European Congress of Psychiatry**, 2020, Madrid, E-Poster Viewing. European Psychiatry, no. EPV0768, 63(S1), S434, <https://doi.org/10.1192/j.eurpsy.2020.6>.
2. *The effects of Camelina sativa seed extract in a complex irritable bowel syndrome mice model, focussing on preliminary correlations between lipid peroxidation and behavioral parameters*, Abstract Number: 4772, Balmus I.M., Cojocariu R., Lefter R., Hritcu L., Ababei D., **Ciobica A.**, Copolovici D., Copolovici L, Copaci S., Jurcoane S., **28th European Congress of**

- Psychiatry**, 2020, Madrid., 2020). E-Poster Viewing. *European Psychiatry*, no. EPV0767 63(S1), S433, <https://doi.org/10.1192/j.eurpsy.2020.6>.
3. Problema originilor și responsabilităților Primului Război Mondial și editarea „lămuritoarelor” colecții de documente diplomatice, **Cliveti Gheorghe**, la **Conferința Internațională Istoria și scrisul istoric azi: opțiuni metodologice, paradigme, agendă**, Aula Magna, Universitatea „Babeș-Bolyai”, Cluj-Napoca, 3 februarie 2020.
 4. Concertul european – precursor al Ligii Națiunilor?, masă rotundă, România și sistemul de relații internaționale în secolul al XX-lea (I) (moderatori: Vasile Pușcaș, Gabriel C. Bârtaș), **Cliveti Gheorghe**, la **Conferința Internațională Istoria și scrisul istoric azi: opțiuni metodologice, paradigme, agendă**, Biblioteca Academiei, sala „Ștefan Pascu”, str. M. Kogălniceanu nr. 12-14, 4 februarie 2020.
 5. *Trecut si viitor in managementul programelor transfrontaliere educationale si medicale*, **Norina Consuela Forna**, Alexandru Gribincea, Alice Murariu, Claudiu Topoliceanu, Doriana Agop Forna, **Conferinta Științifică Internațională Ediția a-XVI-a Sustainable economic and social development of euroregions and cross-border areas** ("Dezvoltarea economico-socială a eumregiunilor și a zonelor transfrontaliere" organizator Academia Română, Filiala Iași, Institutul de Cercetări Economice și Sociale "Gh. Zane" 30 OCTOMBRIE 2020 ONLINE.
 6. **Norina Consuela Forna**, **WEBINAR TICARE** in parteneriat cu ADRE si CMSI- 31 octombrie 2020.
 7. **Norina Consuela Forna**, **CCERPA & AUF Webinar**, 27th of November 2020
 8. *Reabilitarea orala complexa in medicina dentara moderna*, **Forna Norina**, **Congresul International ConectDentistry Summit Moldova-Romania**- 30 noiembrie-4 decembrie 2020.
 9. **Norina Consuela Forna**, **Targul International de inventii si idei practice INVENT - INVEST**, editia a 11-a.
 10. Tehnici modeme si materiale actuale de aditie osoasa, **Fora Norina**, **Al XII-lea Congres International al Asociatiei Dentare Romane pentru Educatie: Interdisciplinaritate si concepte in medicina contemporana, Evolutie si tendinte in medicina dentara minim invaziva**-17-19 decembrie 2020.
 11. Environmental impact of a residential house using cardboard waste as construction material, Teofil Câmpean, Dan-Alexandru Gavrilesu, **Maria Gavrilesu**, **Conference for Sustainable Energy, CSE 2020, 6th edition, Transilvania University of Brasov**, 22-24 October, 2020, **Invited Keynote Lecture**.
 12. Good papers make good journals, **Maria Gavrilesu**, **VII International Strategic Research Congress 2020**, 28 October – 1 November, Antalya, Turkey, **Plenary Keyspeaker**.
 13. Development, evaluation and publication of scientific papers (science, ethics and deontology)(in Romanian: Elaborarea, evaluarea și publicarea lucrărilor științifice (știință, etică și deontologie), **Maria Gavrilesu**, **University Dunarea de Jos of Galati, 25, 30 September, 2020, Invited lecturer**.
 14. *Prediction of equilibrium sorption isotherm for cadmium biosorption by microorganisms: Comparison of linear and nonlinear methods*, Mihaela Roșca, Mariana Diaconu, Raluca-Maria Hlihor, Petronela Cozma, **Maria Gavrilesu**, **E-Health and Bioengineering Conference (EHB)**, 2020, 29-30 Octombrie 2020, Iași - WEB Conference – România.
 15. *Toxicity and microbial bioremediation of chromium contaminated effluents*, Mariana Diaconu, Mihaela Roșca, Petronela Cozma, Mariana Minuț, Camelia Smaranda, Raluca-Maria Hlihor, **Maria Gavrilesu**, **E-Health and**

- Bioengineering Conference (EHB)**, 2020, 29-30 Octombrie 2020, Iași - WEB Conference – România.
16. *The beneficial role of some microorganism in soil phytoremediation and mitigation of health risk*, Mariana Minuț, Mihaela Roșca, Petronela Cozma, Mariana Diaconu, **Maria Gavrilescu**, **E-Health and Bioengineering Conference (EHB)**, 2020, 2020, 29-30 Octombrie 2020, Iași - WEB Conference – România.
 17. *Human Health Risks Concerning Food Waste Management*, Elena-Diana Ungureanu-Comanita, Ersilia Lazar Cosbuc, Petronela Cozma, Camelia Smaranda, **Maria Gavrilescu**, **E-Health and Bioengineering Conference (EHB)**, 2020, 2020, 29-30 Octombrie 2020, Iași - WEB Conference – România.
 18. *Human Risks Generated by the Bioaccumulation of Pollutants in Cereals and their Consumption*, Ionela Cătălina Vasilachi, Dana-Mihaela Asiminicesei, Mariana Minuț, Mihaela Rosca, Petronela Cozma, Camelia Smaranda, **Maria Gavrilescu**, **E-Health and Bioengineering Conference (EHB)**, 2020, 2020, 29-30 Octombrie 2020, Iași - WEB Conference – România.
 19. *Pesticides in the Environment and Harmonized Risk Indicators*, Ionela Cătălina Vasilachi, Larisa Tapciuc, Gina Mihaela Finaru Chelaru, Dana-Mihaela Asiminicesei, Mihaela Rosca, Petronela Cozma, Elena-Diana Comanita-Ungureanu, Camelia Smaranda, Raluca-Maria Hlihor, Daniela-Ionela Fertu, **Maria Gavrilescu**, **E-Health and Bioengineering Conference (EHB)**, 2020, 2020, 29-30 Octombrie 2020, Iași - WEB Conference – România.
 20. *Human Health Risk Associated with the Use of Products from Contaminated Medicinal Plants*, Dana-Mihaela Asiminicesei, Ionela Catalina Vasilachi, Mariana Minuț, Mihaela Rosca, Petronela Cozma, Raluca-Maria Hlihor, **Maria Gavrilescu**, **E-Health and Bioengineering Conference (EHB)**, 2020, 2020, 29-30 Octombrie 2020, Iași - WEB Conference – România.
 21. *Medicinal Plants: Linking Herbs Contamination with Human Health Risks*, Dana Mihaela Asiminicesei, Raluca-Maria Hlihor, Petronela Cozma, Maria Apostol, Isabela Maria Simion, Mihaela Roșca, **Maria Gavrilescu**, **E-Health and Bioengineering Conference (EHB)**, 2020, 2020, 29-30 Octombrie 2020, Iași - WEB Conference – România.
 22. *Identification and valorization of agri-food by-products: an overview*, Petronela Cozma, Nicoleta Ioana Ciomaga, Raluca-Maria Hlihor, Mihaela Roșca, Mariana Minuț, Camelia Smaranda, **Maria Gavrilescu**, **International Conference on E-Health and Bioengineering, EHB 2020- 8-th Edition**, 29-30 October 2020, Iasi - WEB CONFERENCE – Romania.
 23. *Studies on physiological response of Sinapis alba Plants to organochlorinated pesticide toxicity*, Camelia Smaranda, Mihaela Rosca, Mariana Minuț, Diana Elena Comanita-Ungureanu, Petronela Cozma, Cezar Catrinescu, **Maria Gavrilescu**, **International Conference on E-Health and Bioengineering, EHB 2020- 8-th Edition**, 29-30 October 2020, Iasi - WEB CONFERENCE – Romania.
 24. *Equilibrium studies on the sorption of organochlorine pesticide in agricultural soil*, Camelia Smaranda, Mihaela Rosca, Ionela Cătălina Vasilachi, Dana-Mihaela Asiminicesei, Mariana Minuț, Diana Elena Comanita-Ungureanu, Petronela Cozma, **Maria Gavrilescu**, **International Conference on E-Health and Bioengineering, EHB 2020- 8-th Edition**, 29-30 October 2020, Iasi - WEB CONFERENCE – Romania.
 25. *Reducing Health and ecological risks by using weee as secondary sources for critical raw materials*, Simona Cecilia Ghiga, Mihaela David, Mariana Minuț, Elena-Diana Comanita-Ungureanu, Petronela Cozma, **Maria Gavrilescu**, **International Conference on E-Health and Bioengineering, EHB 2020- 8-th Edition**, 29-30 October 2020, Iasi - WEB CONFERENCE – Romania.

26. *Bioremediation of aqueous solutions polluted with Cd²⁺ ions by Bacillus megaterium in a stirred tank bioreactor*, Mihaela Roșca, Mariana Diaconu, Petronela Cozma, Raluca-Maria Hlihor, Camelia Smaranda, Ioan Mămăligă, Irina Volf, **Maria Gavrilesu**, **5th International Conference on Chemical Engineering (ICCE 2020)**, 28-30 Octombrie, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.
27. *Studies regarding the tolerance of Amaranthus retroflexus L. growing on nickel polluted soil*, Mariana Minuț, Mihaela Roșca, Petronela Cozma, Camelia Smaranda, Mariana Diaconu, **Maria Gavrilesu**, **5th International Conference on Chemical Engineering (ICCE 2020)**, 28-30 Octombrie, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.
28. *Toxic effects of lead in early growth of wheat and its tolerance*, Ionela Cătălina Vasilachi, Dana-Mihaela Asiminicesei, Mihaela Roșca, Mariana Minuț, Petronela Cozma, Raluca-Maria Hlihor, Camelia Smaranda, **Maria Gavrilesu**, **5th International Conference on Chemical Engineering (ICCE 2020)**, 28-30 Octombrie 2020, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.
29. *Identification of economic and environmental criteria for evaluating the soil remediation processes performances*, Elena-Diana Ungureanu-Comanita, Ersilia Lazar Cosbuc, **Maria Gavrilesu**, **5th International Conference on Chemical Engineering (ICCE 2020)**, 28-30 Octombrie 2020, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.
30. *Identification and evaluation of food waste management alternatives by Life Cycle Assessment methodology*, Ersilia Lazăr Coșbuc, Elena Diana Ungureanu-Comăniță, **Maria Gavrilesu**, **5th International Conference on Chemical Engineering (ICCE 2020)**, 28-30 Octombrie 2020, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.
31. *Toxic effects of lead and cadmium on lettuce (Lactuca Sativa Attraction)*, Dana-Mihaela Asiminicesei, Ionela Cătălina Vasilachi, Petronela Cozma, Mihaela Roșca, Mariana Minuț, Raluca-Maria Hlihor, **Maria Gavrilesu**, **5th International Conference on Chemical Engineering (ICCE 2020)**, 28-30 Octombrie 2020, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.
32. *Assessment of human health risk associated with pesticides residues in fruits and vegetables*, P. Cozma, L. Budurin, M. Roșca, M. Minuț, I.C. Vasilachi, G.M. Finaru (Chelaru), R.-M. Hlihor, **M. Gavrilesu**, **5th International Conference on Chemical Engineering Romania (ICCE 2020)**, Iași, October 28 – 30, 2020, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.
33. *Insights into toxicity and risks caused by heavy metals found in medicinal plants*, R. M. Hlihor, D.M. Asiminicesei, P. Cozma, M. Apostol, I.M. Simion, M. Roșca, **M. Gavrilesu**, **5th International Conference on Chemical Engineering Romania (ICCE 2020)**, Iași, October 28 – 30, 2020, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.

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34. *Fixed-bed column adsorption of Acid Orange 7 onto soil*, C. Smaranda, D.M. Asiminicesei, I.C. Vasilachi, M. Minuț, M. Roșca, E.D. Ungureanu-Comăniță, P. Cozma, **M. Gavrilesu**, **5th International Conference on Chemical Engineering Romania (ICCE 2020)**, Iași, October 28 – 30, 2020, Gheorghe Asachi" Technical University of Iași, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, Iași, România.
35. *Role of bacteria in phytoremediation of soils polluted with inorganic pollutants: a preliminary approach*, Minuț Mariana, Roșca Mihaela, Cozma Petronela, Diaconu Mariana, **Gavrilesu Maria**, "**Life sciences today for tomorrow**", **International Congress**, 22-23 Octombrie, 2020, Iași, Romania.
36. *Wheat development (*Triticum Aestivum*, hybrid *Glossa*) under the influence of lead stress*, Vasilachi Ionela Cătălina, Asiminicesei Dana-Mihaela, Minuț Mariana, Ungureanu-Comăniță Diana-Elena, Petronela Cozma, **Gavrilesu Maria**, "**Life sciences today for tomorrow**", **International Congress**, 22-23 Octombrie, 2020, Iași, Romania.
37. *Evaluation of soil remediation processes performance by multicriteria decision analysis*, Ungureanu-Comăniță Elena-Diana, Vasilachi Ionela Cătălina, Coșbuc Ersilia, **Gavrilesu Maria**, "**Life sciences today for tomorrow**", **International Congress**, 22-23 Octombrie, 2020, Iași, Romania.
38. *Biosorption and bioaccumulation: Eco-friendly solutions used for the removal of heavy metals from wastewaters*, Hlihor Raluca-Maria, Roșca Mihaela, Simion Isabela Maria, Cozma Petronela, Apostol Maria, Filote Cătălina, **Gavrilesu Maria**, **International Scientific Congress, USAMV 2020**, 22-23 Octombrie 2020, Iași, România.
39. *Life cycle assessment (LCA) of eco-friendly processes used in wastewater treatment*, Simion Isabela Maria, Hlihor Raluca-Maria, Cozma Petronela, Roșca Mihaela, Apostol Maria, Filote Cătălina, **Gavrilesu Maria**, **International Scientific Congress, USAMV 2020**, 22-23 Octombrie 2020, Iași, România.
40. *Using bacteria to enhance the phytoremediation process applied to soils polluted with inorganic pollutants*, Mariana Minuț, Mihaela Roșca, Mariana Diaconu, Petronela Cozma, **Maria Gavrilesu**, **International Symposium of Chemical Engineering and Materials (SICHEM 2020)**, 17-18 Septembrie 2020, Universitatea Politehnica din București, România.
41. *Lead-inhibitory effects in tolerance and early growth of cereals*, Ionela Cătălina Vasilachi, Mihaela Roșca, Mariana Minuț, Petronela Cozma, **Maria Gavrilesu**, **International Symposium of Chemical Engineering and Materials (SICHEM 2020)**, 17-18 Septembrie 2020, Universitatea Politehnica București, România.
42. *Toxicity of single and combined ions of lead and cadmium for lettuce (*Lactuca sativa* Attraction)*, Dana-Mihaela Asiminicesei, Ionela Cătălina Vasilachi, Petronela Cozma, Mihaela Roșca, Mariana Minuț, **Maria Gavrilesu**, **International Symposium of Chemical Engineering and Materials (SICHEM 2020)**, Universitatea Politehnică din București, 17-18 Septembrie 2020.
43. *Cardiovascular recovery in patients with cardiac implantable electronic devices*, speaker invitat **Florin Mitu**, la **Iasi Arrhythmia Forum - virtual Meeting sub egida Societatii Romane si Europene de Cardiologie**, 18-20 iunie 2020.
44. *Actualitati in recuperarea cardiovasculara*, speaker invitat **Florin Mitu**, la **Al VII-lea Congres al Societatii Cardiologilor din Republica Moldova**, sub egida Societatii Cardiologilor din Republica Moldova si Universitatea de Medicina din Chisinau, 09-10 octombrie 2020.
45. **Nedelcu Dumitru**, **Conferința Internațională ModTech2020**, 23-27 iunie, editie online.

46. **Nedelcu Dumitru**, **ICMTE2020**, Invited Speaker, online 19-20 octombrie 2020, Lotte Resort Sokcho, South Korea.
47. **Nedelcu Dumitru**, **POLCOM2020**, Plenary Speaker, online November 26-28, ediție online, 2020, București, Romania.
48. **Nedelcu Dumitru**, **NCIMAE2020**, Plenary Speaker, online September 18th, 2020, New Delhi, India
49. **Nedelcu Dumitru**, **RAM2020**, Keynote Speaker, online 3-5 Iulie, 2020, ediție online, Surat, Gurahat, India.
50. *Aptamer conjugated liposomes loaded with 5-Fluorouracil as topical delivery systems for skin cancer treatment*, Anca Niculina Cadionoiu, Delia Mihaela Rață, Leonard Ionuț Atanase, C.T.Mihai, **Marcel Popa**, comunicare la la **Congresul internațional "Pregatim viitorul promovand excelenta"**, Universitatea Apollonia din Iasi, 27.02-01.03.2020.
51. *Hydrogels based on chitosan and oxidized carboxymethyl cellulose – potential supports for drug immobilization*, Mohammed Dellali, Camelia Elena Iurciuc (Tincu), Kheira Zanoune Dellali, N.Spahis, Mohammed Djennad, Hacene Mahmoudi, **Marcel Popa**, comunicare la la **Congresul internațional "Pregatim viitorul promovand excelenta"**, Universitatea Apollonia din Iasi, 27.02-01.03.2020.
52. *Preparation and characterization of hydrogel films-based on gellan/albumin/pectin obtained by ionic crosslinking and polyelectrolyte complexation with curcumin encapsulated for wound healing applications* Camelia Elena Iurciuc (Tincu), Paula Merlusca, Lăcrămioara Ochiuz, **Marcel Popa**, comunicare la la **Congresul internațional "Pregatim viitorul promovand excelenta"**, Universitatea Apollonia din Iasi, 27.02-01.03.2020.
53. *Topical formulations containing naptamer-functionalized nanocapsules for the treatment of skin cancer*, Delia Mihaela Rață, Anca Niculina Cadinoiu, Leonard Ionuț Atanase, Gabriela Vochita, **Marcel Popa**, Oana Mihaela Darabă, comunicare la la **Congresul internațional "Pregatim viitorul promovand excelenta"**, Universitatea Apollonia din Iasi, 27.02-01.03.2020.
54. *Hybrid magnetic nanocapsules for antitumor drug delivery*, Kheira Zanoune Dellali, Delia Mihaela Rață, Mohammed Dellali, Abdallah Ouagued, Mohammed Djennad, **Marcel Popa**, comunicare la la **Congresul internațional "Pregatim viitorul promovand excelenta"**, Universitatea Apollonia din Iasi, 27.02-01.03.2020.
55. *In vitro cytophystological reactivity of normal and tumor cells to the action of different nanoparticles in order to develop efficient drug delivery systems*, Doinna Gherghel, Gabriela Vochita, Anca Niculina Cadinoiu, Delia Mihaela Rață, Leonard Ionuț Atanase, **Marcel Popa**, C.T.Mihai, comunicare la la **Congresul internațional "Pregatim viitorul promovand excelenta"**, Universitatea Apollonia din Iasi, 27.02-01.03.2020.
56. *Eco-friendly polymer hydrogel based on Apricot carboxymethylcellulose (CMC) – Preparation and characterization*, Djened Allouch, **Marcel Popa**, Valentin Ionel Popa, Hichem Nasri, comunicare la la **Congresul internațional "Pregatim viitorul promovand excelenta"**, Universitatea Apollonia din Iasi, 27.02-01.03.2020.
57. *Characterization of silver nanoparticles synthesized by aqueous extract of Artemisa Herba-Alba*, Yassine Belaiche, A.Khleif, S.E.Laouini, **Marcel Popa**, A.Benarima, comunicare la la **Congresul internațional "Pregatim viitorul promovand excelenta"**, Universitatea Apollonia din Iasi, 27.02-01.03.2020.
58. *The influence of fibre orientation and of the adjacent layers on the delamination of laminated composites*, Hudîşteanu I., **Țăranu N.**, Isopescu D.N., Ungureanu D., Axinte A., Ghiga D.A., **ModTech International**

- Conference - Modern Technologies in Industrial Engineering VIII**, 23-27 June 2020, Iasi, Romania.
59. *A detailed micro-modelling approach for the diagonal compression test of strengthened stone masonry walls*, Ghiga D.A., **Țăranu N.**, Ungureanu D., Isopescu D.N., Oprișan G., Hudișteanu I., **ModTech International Conference - Modern Technologies in Industrial Engineering VIII**, 23-27 June 2020, Iasi, Romania.
 60. *Reinforcement methods designed to increase the residual life expectation of rigid pavements*, Zghibarcea S., **Taranu N.**, Ungureanu D., Boboc A., Boboc V., **IOP Conf. Series: Materials Science and Engineering**, 2020.
 61. *Shear strengthening of unreinforced masonry walls with various types of composite systems*, Ghiga D.A., **Țăranu N.**, Ungureanu D., Isopescu D.N., Hudișteanu I., **XX INTERNATIONAL SCIENTIFIC CONFERENCE BY CONSTRUCTION AND ARCHITECTURE VSU'2020**.
 62. *Green roofs - Modern solutions for greening buildings*, Baci I., Isopescu D.N., **Taranu N.**, **IOP Conference Series: Materials Science and Engineering**, 2020, 789(1), 012001.
 63. *Comparative Analysis of the Effect of Different Types of Green Roofs over the Linear Thermal Bridges*, Baci I., Isopescu D.N., **Taranu N.**, Lupu M.L., Maxineasa, S.G., **ModTech International Conference - Modern Technologies in Industrial Engineering VIII**, 23-27 June 2020, Iasi, Romania.
 64. *TAVI - From experiment to the routine. Early diagnosis, therapeutic management and prevention of complications*, **Grigore Tinică**, **28th Congress of the Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS 2020)** 7.02-10.02.2020, Chiang Mai, Thailand.

- manifestări științifice naționale:

1. *Current Aspects on the so-Called „Second Brain” from the Gut*, **Alin Ciobica**, Ovidiu Ilie, Ioana Miruna Balmus, Roxana Cojocariu, Radu Lefter, **Conferința Națională Științifică Academia Oamenilor de Știință din România**, 28 Mai – 07 iunie 2020, on-line.
2. *Studii privind mecanismele asociate modificărilor de natura gastrointestinală și neuropsihiatrice în COVID-19*, **Alin Ciobica**, Radu Lefter, **Zilelor Academiei Ieșene**, ediția a XXXV-a, **Centrul de Cercetări Biomedicale – Simpozion “Modificări de Natură Gastrointestinală și Neuropsihiatrică Asociate COVID-19”**, on-line.
3. *The physiological relevance of some digestive functional disorders and microbiota in parkinson's disease*, Ovidiu-Dumitru Ilie, **Alin Ciobica**, **Walther Bild**, **XIII-a ediție a Congresului Național al Societății Române de Fiziologie**, 22 – 24 octombrie 2020, online.
4. *Neuroendocrinologia stresului în contextul sindromului de colon iritabil: o abordare multidisciplinară*, Ioana Miruna Balmus, **Alin Ciobica**, Radu Lefter, Carol Stanciu, **Al XXIII-lea Simpozion Național de Neuroendocrinologie**, 5-7 noiembrie 2020, online.
5. *Preliminary data of our research group regarding some neuropsychiatric and gastrointestinal manifestations in COVID-19*, **Alin Ciobica**, **CONFERINȚA NAȚIONALĂ ȘTIINȚIFICĂ DE TOAMNĂ a AOSR**, 23 – 27 noiembrie 2020. on line.
6. *Timpuri moderne, timpuri contemporane în Istoria românilor din Dacia Traiană de A. D. Xenopol*, **Cliveti Gheorghe**, la **Colocviul național A. D. Xenopol – 100, Zilele Academice Ieșene – 2020**, la Institutul de Istorie A. D. Xenopol, 5 noiembrie 2020.

7. *Cardio-Renal*, Curs organizat în colaborare cu **Societatea Română de Nefrologie**, Coordonatori: Prof. Dr. Dan Gaiță, Prof. Dr. **Adrian Covic**, 28 februarie 2020.
8. *General solutions for the unsteady motion between parallel plates of newtonian fluids with pressure dependent viscosity*, **Constantin Fetecau**, **National Scientific Conference Academy Of Romanian Scientists**, May 28th – June 07th, 2020.
9. *Managemental pacientului supus reabilitarii orale complete vizand parametrii antropologici*, **Norina Forna**, Claudiu Topoliceanu, Doriana Agop-Forna, **National scientific conference academy of romanian scientists**, May 28th - June 07th, 2020.
10. *Evaluarea necesarului de tratament prin tehnici de aditie osoasa alveolara la pacientii edentati candidati la implant dentar*, **Forna Norina**, Agop Forna Doriana, **The 36th Balcan Medical Week**, -25-26 septembrie 2020 – Bucuresti.
11. *Full mouth reconstruction - materiale si tehnici actuale*, **Norina Consuela Forna**, Doriana Agop, **Congres national cu participare internationala - UNAS** - 7-9 octombrie 2020.
12. *Napocaparticuliarities of the wanagement of the patient candidate for immediate implantatio&/temporari loading online*, **Norina Consuela Forna**, **Congres de medicina dentara Transilvania** - 8-10 octombrie 2020- Cluj.
13. *Evaluarea necesarului de tratament prin tehnici de aditie osoase alveolara la pacientii edentati candidati la implant dentar*, **Forna Norina**, Agop-Forna Doriana, **Simpozionul Zilele Francis L Rainer** - 8-10 octombrie 2020 Bucuresti – online.
14. *Tehnologii de avangarda in medicina dentara contemporana*, **Forna Norina**, **AL XIV-lea Congres al ASRRO**, 26-28 Noiembrie 2020 Iasi. Online.
15. *Tehnici si tehnologii de in medicina dentara, Reabilitarea implanto-protetica de la simplu la complex* - **Norina Consuela Forna**, **AL X-lea Simpozion al Colegiului Medicilor Stomatologi Iasi** - 11-12 decembrie 2020 - Iasi, online
16. *Tehnici modeme si materiale actuale de aditie osoasa*, **Forna Norina**, **AL XII-lea Congres International al Asociației Dentare Române pentru Educație ADRE, Interdisciplinaritate si concepte in medicina contemporana- evolutie si tendinte in medicina dentara minim invaziva** - 17-19 decembrie 2020 Iasi online.
17. *Bioremedierea efluenților lichizi prin exploatarea capacității microorganismelor de a reține ionii de metale grele*, Mihaela Roșca, Mariana Minuț, Petronela Cozma, Camelia Smaranda, Raluca-Maria Hlihor, **Maria Gavrilesu**, **Conferința Națională Științifică Academia Oamenilor de Știință din România**, 23 – 27 Noiembrie 2020, on-line.
18. *Utilizarea plantelor și microorganismelor în bioremedierea solurilor contaminate cu metale grele*, Mariana Minuț, Mihaela Roșca, Ionela Cătălina Vasilachi, Dana Mihaela Asiminicesei, Petronela Cozma, Mariana Diaconu, **Maria Gavrilesu**, **Conferința Națională Științifică Academia Oamenilor de Știință din România**, 23 – 27 Noiembrie 2020, on-line.
19. *Efectele toxice ale plumbului asupra dezvoltării timpurii a unor cereale*, Ionela Cătălina Vasilachi, Dana Mihaela Asiminicesei, Mihaela Roșca, Petronela Cozma, Camelia Smaranda, **Maria Gavrilesu**, **Conferința Națională Științifică Academia Oamenilor de Știință din România**, 23 – 27 Noiembrie 2020, on-line.
20. *Analiza efectelor toxice ale metalelor grele asupra germinării semințelor și dezvoltării unor plante medicinale*, Dana Mihaela Asiminicesei, Raluca Maria Hlihor, Maria Apostol, Petronela Cozma, Isabela Maria Simion, Laura Hagiuzaleschi, Gabriel-Ciprian Teliban, **Maria Gavrilesu**, **Conferința Națională**

Științifică Academia Oamenilor de Știință din România, 23 - 27 Noiembrie 2020, on-line.

21. *Exista pacienti cu diabet zaharat si risc cardiovascular moderat*, speaker invitat Prof. Univ. Dr. Habil. **Florin Mitu**, la **Expert Meeting CARDIODIAB 14 – virtual Meeting**, sub egida Societatii Romane de Cardiologie si Federatia Nationala de Diabet, Nutritie si Boli Metabolice, 26-27 iunie 2020.
22. *Microbiota intestinala influenteaza ateroscleroza? Realitate sau mit?*, speaker invitat Prof. Univ. Dr. Habil. **Florin Mitu**, la **Conferinta de primavara a Societatii Romane de Cardiologie – Bolile cardiovasculare in contextual pandemiei de SARS-CoV-2 – virtual Meeting**, sub egida Societatii Romane de Cardiologie, 13-17 mai 2020.
23. *Inima si sportul: prezentari de cazuri clinice*, speaker invitat Prof. Univ. Dr. Habil. **Florin Mitu**, la **Conferinta de primavara a Societatii Romane de Cardiologie – Bolile cardiovasculare in contextual pandemiei de SARS-CoV-2 – virtual Meeting**, sub egida Societatii Romane de Cardiologie, 13-17 mai 2020.
24. *Recuperarea cardiovasculara in insuficienta cardiaca – managementul actual*, speaker invitat Prof. Univ. Dr. Habil. **Florin Mitu**, la **Conferinta de primavara a Societatii Romane de Cardiologie – Bolile cardiovasculare in contextual pandemiei de SARS-CoV-2 – virtual Meeting**, sub egida Societatii Romane de Cardiologie, 13-17 mai 2020.
25. S-A Mai Stins O Stea ! Academicianul Ion Dediu de la Chisinau, **Gheorghe Mustata**, Participare la **Simpozionul on line zoom :BIOLOGIA SI DEZVOLTAREA DURABILA**, organizat de MUZEUL DE STIINTELE NATURII " IOAN BORCEA" BACAU, la 03.12.2020.
26. *Tehnici moderne pentru consolidarea structurilor din zidărie din piatră*, **Țăranu N.**, Ghiga D.A., Ungureanu D., Hudișteanu I., **Conferința Științifică de Primăvară a AOSR**, 27-28 martie 2020, București (Rezumat Vol. Conf.).
27. *Urmărirea evoluției degradărilor intralamelare și interlamelare pe lamelele stratificatelelor compozite*, **Țăranu N.**, Hudișteanu I., Ungureanu D., **Conferința Științifică de Primăvară a AOSR**, 27-28 martie 2020, București (Rezumat Vol. Conf.).
28. *Tehnici moderne pentru consolidarea structurilor din zidărie nearmată*, **Țăranu N.**, Ungureanu D., Ghiga D.A., Hudișteanu I., **Conferința Științifică de Primăvară a AOSR**, 23 - 27 noiembrie 2020 on line, București (lucrare prezentata).
29. *Decizii Heart Team la nivelul centrului IBCV Iași. Pros și cons. Sindroame coronariene acute*, **Grigore Tinica**, Igor Nedelciuc, Alexandru Burlacu, Comunitatea științifică medicală de la cercetarea fundamentală la cercetarea clinică. Deciziile în echipă pentru confortul și siguranța pacienților, **Angionet**, București, 27-29.02.2020.
30. *Modern facelift techniques and the surgical anatomy of the face*, Cristina Furnică, **Grigore Tinică**, **Confestetis**, Iași, 08-10.10.2020.

C. Lucrări publicate

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1. Petrovici Alina, Cueto Jose Luis, Nedeff Valentin, Nava E., Hernandez R., Bujoreanu C., Irimiciuc S.A., **Agop Maricel**, Dynamic evaluation of traffic noise through standard and multifractal models, *Symmetry-Basel*, **1** (11), Article Number: 1857.

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5. Irimiciuc Stefan, Enescu Florin, Bedeleian Horea, Gurlui S., **Agop Maricel**, Space-and time-resolved optical investigations on ns-laser produced plasmas on various geological samples, *Spectrochimica Acta Part B-Atomic Spectroscopy*, **170**, Article Number: 105904.
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2. **Cliveti Gheorghe**, Unirea românilor în „calendarul” Europei moderne, în vol. Victor Spinei, Gheorghe Iacob, Ionuț Nistor (coord.), *Istoria ale Marelui Război și ale Unirii de la 1918. Volum al Congresului Național al Istoricilor Români, Iași, 29 august – 1 septembrie 2018, Iași, Editura Universității „Al. I. Cuza”, 2019, p. 73-82, ISBN: 978-606-714-554-0*
3. **Cliveti Gheorghe**, Timpuri moderne, timpuri contemporane în Istoria românilor din Dacia Traiană de A. D. Xenopol, în „*Anuarul Institutului de Istorie «A. D. Xenopol»*”, **LVII**, 2020, p. 17-35.
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D. Cărți, capitole de cărți

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15. **Nedelcu Dumitru**, Mazurchevici Andrei-Danut, **Calorimetry, structure and morphology of printed samples from biodegradable materials using FDM 3D printing technology, Fused Deposition Modeling based 3D Printing**, Editors: Harshit Dave, J. Paulo Davim, accepted chapter, Springer Nature Switzerland AG, 2020.
16. Stefania Racovita, Leonard Ionuț Atanase, **Marcel Popa**, Silvia Vasiliu, **Synthetic macromolecules with biological activity**, capitol acceptat spre publicare în volumul **Biological Macromolecules: Bioactivity and Biomedical Applications**, A. Kumar Nayak, A. Kumar Dhara and D. Pal Eds., Elsevier Ltd., 2020.
17. Camelia Elena Iurciuc (Tincu), Lăcrămioara Ochiuz, **Marcel Popa**, Leonard Ionuț Atanase, **Cross-linked marine polysaccharides for delivery of therapeutics**, capitol acceptat spre publicare in volumul **Marine Biomaterials: Drug delivery and therapeutic potential**, S. Jana Ed., Springer Nature Publisher, 2020.
18. Leonard Ionuț Atanase, **Marcel Popa**, **Biological macromolecules for drug delivery in tissue engineering**, capitol acceptat spre publicare în volumul **Biological Macromolecules: Bioactivity and Biomedical Applications**, A. Kumar Nayak, A. Kumar Dhara and D. Pal Eds., Elsevier Ltd., 2020.
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20. Stan C.I., Sava A., Bulgaru Iliescu D., **Tinică G.**, Furnică C., **Caiete de anatomie. Volumul 1 – Sistemul respirator**, Editura Gr.T.Popa, Iași, 2020.
21. Stan C.I., Sava A., Bulgaru Iliescu D., **Tinică G.**, Furnică C., **Cahiers d’anatomie. Volume 1 – Le systeme respiratoire**, Editura Gr.T.Popa, Iași, 2020.
22. **Tinică G.**, Furnică C., Chistol R.O., **Cardiac Surgery Risks in Liver Dysfunction**, în F. Radu-Ionita, N.T. Pysopoulos, M. Jinga, I.C. Tintoiu, Z. Sun, E. Bontas eds. Liver Diseases. A Multidisciplinary Textbook. Springer, 2020.
23. Stan C.I., Sava A., Bulgaru Iliescu D., **Tinică G.**, Furnică C., **Caiete de anatomie. Volumul 2 – Sistemul cardiovascular**, Editura Gr.T.Popa, Iași, 2020.

E. Granturi/Proiecte de cercetare

- Naționale

1. *Studiu complex privind interacțiunile dintre statusul stresului oxidativ, procesele inflamatorii și manifestările neurologice în patofiziologia colonului iritabil (modele animale și pacienți umani)*, **NR. 58 DIN 02/05/2018, (PN-III-P1-1.1-TE-2016-1210)**, DURATA 2018 – 2020, 448.355,00 LEI, **Director de proiect – CS II Dr. Habil. Alin Ciobica.**
2. Proiect POR (Program Operațional Regional, Axa prioritară 1 - Promovarea Transferului Tehnologic Prioritatea de Investiții 1.1, Operațiunea A – Sprijinirea Entităților de Inovare și Transfer Tehnologic (ITT), beneficiar: Universitatea de Medicină și Farmacie "Grigore T. Popa" din Iași), cod **SMIS 128789**, cu titlul "Centru de Inovare și Transfer Tehnologic MAVIS", perioada de implementare: 26.06.2020 - 31.05.2022, **manager de proiect - Prof.univ.dr. Adrian COVIC.**
3. Proiect **COST Action CA18216** cu titlul „*Network for Research in Vascular Ageing*”; se derulează în perioada 05.11.2019-04.11.2023; **management Committe Member (coordonator rețea națională) - Prof.univ.dr. Adrian COVIC.**
4. Proiect **COST Action CA19127** cu titlul „*Cognitive decline in Nephro-Neurology: European Cooperative Target*”; se derulează în perioada 12.10.2020-11.10.2024; **management Committe Member (coordonator rețea națională) - Prof.univ.dr. Adrian COVIC.**
5. Proiect **PED, contract nr. 429PED/2020** cu titlul „*Smart Health system based on artificial intelligence as a predictor for chronic kidney disease development*”; se derulează în perioada 23.10.2020-22.10.2022; coordonator Universitatea de Medicină și Farmacie „Grigore T. Popa” din Iași; director de proiect prof. univ. dr. Rezuș Ciprian, **membri echipă - Prof.univ.dr. Adrian COVIC.**
6. *Summit-ul Francofon privind educația, formarea continuă, cercetarea și cooperarea* - **Coordonator: Prof. Univ.Dr. Norina Forna.**
7. *Proiect privind învățământul secundar - Romanian Secondary Education Project „ROSE”* – **Director Program - Prof. Univ.Dr. Norina Forna.**
8. *Proiect evaluarea sănătății orale și educația pentru comportamente sanogence la copiii școlari de 6 și 12 ani din Iași, România.* **Coordonator Proiect - Prof. Univ.Dr. Norina Forna.**
9. *Prevenirea abandonului școlar și consilierea în alegerea traiectoriei în cariera pentru studenții anului I de medicina dentară și tehnica dentară*, **Cod Proiect: 28/SGU/NC/I/ 17.10.2017**, Perioada de Implementare: 2017-2020, Valoare Proiect: 340.551,00 lei - **Prof. Univ.Dr. Norina Forna.**
10. *Cum ar fi să fii MEDIC STOMATOLOG? BeSTOMATIS*, Perioada de Implementare: 2019-2021, Valoare Proiect: 560.412,00 lei - **Prof. Univ.Dr. Norina Forna.**
11. *Insertia absolvenților de wadlicira pe piața muncii, prin dezvoltarea în cadrul unor stagii de pregătire practică a abilităților practice – MEDPRO*, **Cod Proiect: POCU/626/6/13/133314**, Valoare Proiect: 4.352.762,73 lei - **Prof. Univ.Dr. Norina Forna.**
12. *De la școală în PRAXIS - antreprenoriate de succes cu studenți în medicina dentară*, POCU 2014-2020, Axa prioritară 6: "Educație și competente", Prioritatea de investiții 10.iv: Sporirea relevanței pe piața forțelor de muncă a educației și a sistemelor de formare, facilitarea tranziției de la educație la piața forțelor de muncă și consolidarea formării și a sistemelor de formare

- profesională, precum și a calității lor, inclusiv prin mecanisme de anticipare a competențelor, adaptarea programelor de sisteme de învățare duală și programe de ucenicie: Obiectivul specific 6.13 Creșterea numărului absolvenților de învățământ terțiar universitar și non universitar care își găsesc un loc de muncă urmare a accesului la activități de învățare la un potențial loc de muncă/cercetare inovare, cu accent pe sectoarele economice cu potențial competitiv identificate conform SNC și domeniile de specializare inteligentă conform SNCDI - **Prof. Univ.Dr. Norina Forna**.
- 13."Insertia absolvenților de medicină pe piața muncii, prin dezvoltarea în cadrul unor stagii de pregătire practică a abilităților practice - MEDPRO", Cod SMIS: 133314, **Contract de finanțare nr. POCU/625/6/13/133314**. Axa prioritară: Educație și competențe. PRIORITATEA DE INVESTITII - **Prof. Univ.Dr. Norina Forna**.
 - 14.*Integrating Environmental Bioremediation with Biomass Valorization and Critical Raw Materials Recovery by Phytomining (PHYTOMIN)*, **PN-III-P2-2.1-PED-2019-5239, Contract 269PED/2010, director proiect - Prof.univ.dr.ing. Maria Gavrilescu**.
 - 15.*Sustainable wastewater treatment strategies and solutions using environmentally friendly methods: an integrated approach to environmental and economic assessments (SusTrEE)*, **PN-III-P2-2.1-PED-2019-2430, membru echipa - Prof.univ.dr.ing. Maria Gavrilescu**.
 - 16.*Development of a framework for estimating the risks to human health posed by heavy metal contamination of herbal products used in phytotherapy and cosmetics*, PN-III-P1-1.1-TE-2019-12, **membru echipa - Prof.univ.dr.ing. Maria Gavrilescu**.
 - 17.*Totul pentru inima ta - Program de screening pentru identificarea pacienților cu factori de risc cardiovascular* - **POCU/805/4/9, COD PROIECT 137424, Prof. Dr. Florin Mitu** (Coordonator A5)
 - 18.*Platforme teranostice antitumorale pe baza de CarbonDots și matrici polimerice (TERADOT)*, **PN-III-P1-1.2-PCCDI-2017-0083, contract nr 37PCCDI / 2018 (2018-2021), membru în colectivul de cercetare - Prof.univ.dr.ing. Popa Marcel**.
 - 19.*Produse și tehnologii ecoinovatoare pentru eficiență energetică în construcții - EFECON*, (cofinanțare din Fondul European de Dezvoltare Regională prin Programul Operațional Competitivitate 2014-2020, Director de proiect: prof. univ. dr. ing. Dorina Isopescu) **membru în colectivul de cercetare - Prof. Nicolae Țăranu**.
 - 20.**Proiect COST Action CA19115** „Network for blood pressure research in children and adolescents” 06.05.2020-05.05.2024, **Coordonator rețea națională - Prof.univ.dr. Grigore Tinica**.
 - 21.*Produse și tehnologii ecoinovatoare pentru eficiența energetică în construcții - «EFECON*, Cod MySMIS: 105524, ID: P_40_295, Contractul subsidiar de prestări servicii de cercetare-dezvoltare și de inovare pentru întreprindere de către organizația de cercetare, Nr. 04/26.09.2018 având la Universitatea Tehnică „Gheorghe Asachi” din Iași numărul de înregistrare 20282/26.09.2018 funcția: **Expert Cercetare industrială, Prof. Ion Giurma**
 - 22.Sistem energetic inteligent în arii protejate/ Acronim SEI, Contract 1729/01.09.2015 2015-2020, director grant: Conf.dr.ing. Boariu Costel, echipa implementare: Prof. dr. ing. Giurma Ion, Prof. dr. ing. Bofu Constantin, Conf. dr.ing. Cercel Petru, Sef lucrari dr.ing. Hogas Horatiu, Asistent dr.ing. Vorovei Ciprian, funcția: **Expert Cercetare, Prof. Ion Giurma**
 23. Enciclopedia Centenarului Războiului de Întregire a României și al Marii Uniri, grant cu sponsorizare privată, coordonator **Prof. Ion Solcanu**, echipa de

implementare cuprinde cercetători de la universități din Arad, Chișinău, București, Iași, Oradea și Sibiu, dintre care patru sunt membri ai AOȘR.

- Internaționale

1. Joint Operational Programme România – Republica Moldova 2014-2020, Prioritatea 4.1 – Support to the development of health services and acces to health, propunere proiect cu titlul “Cross-border integrated network for advanced health services in obesity, diabetes and metabolic disorders”; manager de proiect conf. univ. dr. Timofte Daniel Vasile; **membru echipă, Prof.univ.dr. Adrian COVIC.**
2. “Green Chemical Engineering Network towards upscaling sustainable processes”, (GREENERING) CA18224, funded by COST (European Cooperation in Science and Technology), 2019-2023, **membru echipa - Prof.univ.dr.ing. Maria Gavrilescu.**
3. *Active targeted drug deliver systems based on peptide-functionalized magnetic nanoparticles for the treatment of inner ear diseases (TargEar)* – contract bilateral România-Norvegia, cod **RO-NO-2019-0187** (2020-2023), **director proiect- Prof.univ.dr.ing. Popa Marcel.**

F. Alte activități

- redactori și membri în colective de redacție

Prof.univ.dr. Maricel AGOP

- **Membru in organisme stiintifice internationale/societati profesionale:**
 1. *European Physical Society*, Geneva, 1984-prezent
 2. *The Japan Institute of Metals*, Japonia, 1995 - 1999
 3. *Societatea Română de Fizică*, România, 1990 - prezent
- **Membru in Colegiul de redactie (inclusiv referent) al unei reviste**
 1. *Journal of Mathematical Physics*, AIP Publishing LLC, ISSN: 0022-2488, IF: 1.234, apariție lunară, (referent)
 2. *International Journal of Nonlinear Science*, World Academic Press, ISSN: 1749-3889, IF: -, apariție bilunară (referent)
 3. *General Relativity and Gravitation*, Springer Publishers, ISSN: 0001-7701, IF: 1.668, apariție lunară (referent)
 4. *Chaos, Solitons and Fractals*, Pergamon-Elsevier Science Ltd., ISSN: 0960-0779, IF: 1.611, apariție lunară (referent)
 5. *Physics Letters A*, Elsevier Science BV, ISSN: 0375-9601, IF: 1.677, apariție săptămânală (referent)
 6. *Physica Scripta*, IOP Publishing Ltd, ISSN: 0031-8949, IF: 1.194, apariție bilunară (referent)
 7. *Nonlinearity*, IOP Publishing Ltd, ISSN:0951-7715, IF: 1.289, apariție lunară (referent)
 8. *Buletinul Institutului Politehnic Iași*, Secția Matematică, Mecanică și Fizică, Universitatea Tehnică „Gheorghe Asachi” din Iași, ISSN: 1224-7863, aparitie trimestrială (editor șef)
 9. *Journal of Engineering Studies and Research*, Universitatea „Vasile Alecsandri” Bacău, ISSN: 2068-7559, (membru în comitetul de redacție)
 10. Editor șef al revistei *International Journal of Physics* (2008-2012)
- **Referent stiintific la reviste internaționale:**
 - *Journal of Mathematical Physics*
 - *International Journal of Nonlinear Science*

- General Relativity and Gravitation
- Chaos, Solitons and Fractals
- Physics Letters A
- Physica Scripta
- Nonlinearity
- Non-linear dynamics
- Complexity

Prof. univ. dr. Gheorghe Cliveti

- Membru în colegiile de redacție ale revistelor „Anuarului Institutului de Istorie «A.D. Xenopol»”, „Analele Științifice ale Universității «Al. I. Cuza»”, s. Istorie, „Cercetări istorice” (serie nouă), Complexul Muzeal Moldova – Iași, „Romanian Journal of Modern History”, Iași, Universitatea „Al. I. Cuza”, Facultatea de Istorie, și „Acta Bacoviensia”, Arhivele Naționale Bacău, „East European Journal of Diplomatic History”.

Prof.univ.dr. Adrian Covic

- Redactor-sef adjunct la Revista Medico-Chirurgicală Iași.
- Deputy Editor la revista "Maedica" – a Journal of Clinical Medicine, Bucuresti
- Membru în colectivul de redacție al revistelor: "Nefrologia", "Revista pentru educație medicală continuă", "Infomedica", "Timisoara Medical Journal" "Journal of Nephrology", "Nephrology Dialysis and Transplantation", Maedica;
- Associate Editor la "BANTAO Journal (2005-prezent)
- Recenzent (peer-reviewer) pentru American Journal of Kidney Disease, Nephrology Dialysis Transplantation, Timisoara Medical Journal and Romanian Medical Journal, Infomedica, Journal of American Society of Nephrology, Circulation, Peritoneal Dialysis International, Hypertension, International Journal of Urology and Nephrology/Geriatric Urology and Nephrology
- Editorial Board member în Journal Cardiology

Prof.univ.dr. Constantin Fetecau

- Membru în Comitetul Editorial la „Buletinul Inst. Polit. Iași, Secția Matematică” (indexată Zentralblatt) ISSN 1244-7863.
- Membru în Comitetul Editorial la jurnalul „Communications in Numerical Analysis (CNA)”, ISSN 2193-4215 (www.ispacs.com/cna/).
- Membru în Comitetul Editorial la „Mathematics and its Applications - Annals of AOSR (Academy of Romanian Scientists)”, ISSN 2066-6594.
- Member of the Editorial Board: Open Journal of Mathematical Sciences, ISSN 2616-4906 (<https://openmathscience.com>).
- Editorial Board member of Annals of Electrical and Electronic Engineering, ISSN: 2616-9053 (Print) 2616-9061 (Online).
- Editorial board member of International Journal of Advanced and Applied Sciences, Print ISSN: 2313-626X, EISSN: 2313-3724.
- Academic Editor of Mathematical Problems in Engineering, ISSN: 1024-123X, Impact factor 1.009

Prof.univ.dr. Norina Consuela Forna

- Journal of Dental Research and Practice
- Membru al Colegiului de Redacție al Buletinului Academiei de Științe a Moldovei. Științe Medicale
- Membru al Editorial Review board - Implant Dentistry, The official journal of the International Congress of Oral Implantologists
- Redactor Șef al revistei Romanian Journal of Oral Rehabilitation

- Redactor Șef al revistei Romanian Journal of Dental Education
- Redactor Șef Adjunct al Revistei Medico – Chirurgicale a Societății de Medici și Naturaliști din Iași

Prof.univ.dr.ing. Maria Gavrilescu

- **Editor-in-Chief:** *Environmental Engineering and Management Journal*.
- **Editor-in-Chief:** *Procedia–Environmental Science, Engineering and Management*.
- **Editor Chemical Sciences Series:** *Annals of the Academy of Romanian Scientists - Series on Physics and Chemistry*.
- **Academic Editor:** *PeerJ*
- **Academic Editor:** *Water*
- **Academic Editor:** *Processes*
- **Academic Editor:** *Plants*
- **Membru al colectivului editorial:** Bulletin of the Polytechnic Institute of Iasi – Section Chemistry and Chemical Engineering.
- **membru al Colectivului de redacție al revistei** *Factori și procese pedogenetice din zona temperată / Soil Forming Factors and Processes in the Temperate Region*, editată de Universitatea Al.I. Cuza din Iasi.
- **Membru al Editorial Advisory Board:** *Scientific Study & Research-Chemistry & Chemical Engineering, Biotechnology, Food Industry*, publicat de Universitatea Vasile Alecsandri din Bacău, România.
- **Membru al Editorial Advisory Board:** *Journal of Engineering Studies and Research (JESR)*, publicat de Universitatea Vasile Alecsandri din Bacau, Romania.
- **Membru al Colectivului de redacție al revistei** *Journal of Applied Sciences in Environmental Sanitation (J.ASES)*, editată de Department of Environmental Engineering, Sepuluh Nopember Institute of Technology, Surabaya, Indonezia, and Indonesian Society of Sanitary and Environmental Engineers.
- **Membru în Editorial Advisory Board:** *European Journal of Science and Theology*, publicat de Editura EcoZone, Iași, Romania.
- **Membru în Editorial Advisory Board:** *Journal of Environmental Engineering and Landscape Management*, publicat de Universitatea Vilnius Gediminas Lituania
- **Membru al Comitetului Editorial:** *International Journal of Conservation Science*
- **Membru al Comitetului Editorial:** *EcoTerra*, Editat de Societatea Nationala de Stiinta si Ingineria Mediului

Prof. Dr. Florin Mitu

- **Membru in editorial board** al *Romanian Journal of Cardiology*
- **Membru in editorial board** al *The Medical-Surgical Journal*
- **Membru in editorial board** al *Revistei de Medicina Interna*

Prof. univ. em.dr. ing. Marcel Ionel Popa

- **Membru în colegiul de redacție** pentru *Buletin Institutul Politehnic, Iasi*, (Romania)
- **Membru în colegiul de redacție** pentru *Environmental Engineering and Management Journal, Iasi* (Romania)
- **Membru în colegiul de redacție** pentru *Scientific Study and Research, Bacau* (Romania)

Prof.univ.dr.ing. Marcel Popa

- **Editor sef** al revistei *Journal of Hydrogels* (American Scientific Publishers)
- **Membru in colegiul de redacție** al revistelor:
 - *Molecules* (section *Macromolecules*)
 - *International Journal of Molecular Structures* (section *Macromolecules*)
 - *Environmental Engineering and Management Journal*
 - *International Journal of Medical Dentistry*
 - *Buletinul Institutului Politehnic Iasi*, (Chemistry)
- **Editor Guest** pentru revistele:
 - *Molecules*: ediția specială "Drug Delivery Systems Based on Polysaccharides"
 - *International Journal of Molecular Science*: ediția specială *Nanoparticles Based on Smart Polymers for Biomedical Applications*"
 - *Pharmaceutics*: editia specială "Pharmaceutical Formulations with Antimicrobial Properties"

Prof.univ.dr.ing. Nicolae Țăranu

- **Editor in Chief**, *Buletinul Institutului Politehnic Din Iasi*, Secția Construcții și Arhitectura.
- **Member of the Editorial Board**, *Annals of the Academy of Romanian Scientists Series on Engineering Sciences*.

Prof.univ.dr. Ion Solcanu

- Redactor-șef la *Annals of History and Archaeology*, pentru traduceri, prefațări de volume.
- Prefațarea volumului: Valentin Ciorbea, "Mănăstirea dintr-un Lemn. Un complex monahal unic în România" Monografie istorică/ *Dintr-un Lemn Monastery a Unique Monastic Complex in Romania Historical Monograph*, București, Editura Academiei Oamenilor de Știință din România, 2020, 442 p.

- Recenzii științifice

Prof. univ. dr. Gheorghe Cliveti

- *Alexandru Zub – 85*, în „Anuarul Institutului de Istorie «A. D. Xenopol»”, LVI, 2019, p. 1-8.
- Recenzie la: Carol Iancu, *Alexandre Safran et les Juifs de Roumanie durant l’instauration du communisme. Documents inédits des archives diplomatiques américaines et britanniques (1944–1948)*, Iași, Editura Universității „Alexandru Ioan Cuza”, 2016, 562 p.; *Alexandru Șafran și evreii din România în timpul instaurării comunismului. Documente inedite din arhivele diplomatice americane și britanice 1944–1948*, Iași, Editura Universității „Alexandru Ioan Cuza”, 2018, în „Anuarul Institutului de Istorie «A. D. Xenopol»”, LVI, 2019, p. 386-388.

CS II Dr. Habil. Alin Ciobica

- martie 2020 - *International Journal of Molecular Sciences* IF 4,1
- martie 2020 – *Journal of Herbal Medicine* IF 1,5
- August 2020 – *Scientific Reports*, Nature Group
- September 2020 - *Science of the Total Environment*, IF 8.6
- 9 october 2020 - *Scientific Reports- Nature group* – IF 4.52
- 11 october 2020 --*Science of the Total Environment*, IF 8.6
- 31 October – *Antioxidants* –IF 5
- 05 December – *Diagnostics* – IF 3,1

Prof. emerit dr. Constantin Fetecau

- Physics of Fluids, Manuscript POF19-AR-02892, Title: Effects of aspect ratio of T-shaped fin on ferrofluid dynamics in a triangular cavity, Authors: Zafar Khan, Kainat Bibi, Waqar Khan, and Hongtao Liu
- Indian Journal Science and Technology, Manuscript 150096-372017-1-RV, Title: Exact solution for the hydrodynamic flow of jeffrey fluid through a porous medium past an infinite vertical plate, Authors: M. Eswara Rao, R.L.V. Renuka Devi, A. Neeraja, M. Krishna Murthy
- Chinese Journal of Physics, Manuscript CJPHY-D-19-00514 R2, Title: Multi-layer flows of immiscible fractional Maxwell fluids with generalized thermal flux and Robin boundary conditions, Authors: Abdul Rauf; Qammar Rubbab, PhD; Itrat Abbas Mirza, PhD
- Sains Malaysiana, Manuscript 36362-114631-1-RV, Title: Simultaneous flow of two immiscible fractional maxwell fluids with the clear region and homogeneous porous medium, Authors: Abdul Rauf; Qammar Rubbab, Dumitru Vieru, Ali Majeed
- Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, Manuscript ARFMTS_025_5YE65zYB07, Title: Effect of porous medium on unsteady Helical flows of Generalized Oldroyd-B with two infinite coaxial circular cylinders, Authors: Ghusoon.Gh.Mohammed, Alaa Waleed Salih
- Sains Malaysiana, Manuscript 36362-124004-2-ED_Revizie, Title: Simultaneous flow of two immiscible fractional maxwell fluids with the clear region and homogeneous porous medium, Authors: Abdul Rauf; Qammar Rubbab, Dumitru Vieru, Ali Majeed
- Physics of Fluids, Manuscript POF20-AR-00700, Title: Theoretical study of the blood flow in arteries in the presence of magnetic particles and under periodic body acceleration, Authors: Jan Awrejcewicz, Azhar Ali Zafar, and Grzegorz Kudra
- International Journal of Fluid Mechanics Research, Manuscript FMR-34085, Title: Analytical solutions of transient plane poiseuille flows with first and second order slip boundary conditions, Authors: P. Anek and K. V. Manu
- International Journal of Nonlinear Sciences and Numerical Simulation, Manuscript ID: IJNSNS.2020.0018, Title: Effect of dufour and fractional order derivative on transient MHD natural convection flow in a porous medium: solutions with special functions, Authors: Shah Nehad; Qi Haitao; Wang Shaowei; Hajizadeh Ahmad; Rahimi Gorji Mohammad
- Results in Physics, Manuscript ID: RINP-D-20-00330, Title: Electroosmotic Study of Viscoelastic Fluid Based on Exponentially Decaying Kernel with Slippage, Authors: Aziz Ullah Awan, Muhammad Danial Hisham, Sohail Nadeem
- Physics of Fluids, Manuscript POF20-AR-02584, Title: Transient magnetohydrodynamic flow and heat transfer of fractional Oldroyd-B fluids in a microchannel with slip boundary condition, Authors: Xiaoping Wang, Huanying Xu, and Haitao Qi
- Physics of Fluids, Manuscript POF20-AR-02584 R1, Title: Transient magnetohydrodynamic flow and heat transfer of fractional Oldroyd-B fluids in a microchannel with slip boundary condition, Authors: Xiaoping Wang, Huanying Xu, and Haitao Qi
- International Communications in Heat and Mass Transfer, Manuscript ICHMT-D-20-01236, Title: Providing an Analytical Solution for Newtonian and Maxwell Super-Convection Fluids Flows on A Flat Plate Porous Medium, Authors: Siamak Hoseinzadeh, Tareq Ghanbari, Ali Sohani, and Mahmood Shafiee

- SN Applied Sciences (SNAS), Manuscript SNAS-D-20-08509, Title: Exact solutions of fluid flow in an axially oscillating cylindrical pipe and annulus, Authors: U. K. Sarkar and Nirmalendu Biswas
- International Journal of Numerical Methods for Heat and Fluid Flow, Manuscript HFF-10-2020-0637, Title: Numerical analysis of flow and forced convection heat transfer of non-Newtonian fluid in a pipe based on fractional constitutive model, Authors: Chang, Ailian; Sun, Hongguang; Vafai, K; Kosari, Erfan
- Advances in Mechanical Engineering, Manuscript AME-20-1155, Title: Application of Clay nanoparticles for convective flow with constant proportional Caputo fractional derivative, Authors: Muhammad Imran Asjad, Mushtaq Ahmad, Muhammad Danish Ikram

Prof.univ.dr.ing.ec. Nedelcu Dumitru

- **Recenzor jurnale ISI cu factor de impact:**
 - Composite Part B Engineering, factor de impact 7,635
 - Material Science & Engineering B, factor de impact 4,706
 - Advances in Polymer Technology, factor de impact 1,539
 - Metals, impact factor 2,117
 - Materials, factor de impact 3,057
 - International Journal of Materials and Product Technology, factor de impact 0,714
 - Archives of Metallurgy and Materials, factor de impact 0,586
 - Indian Journal of Engineering and Materials Sciences, factor de impact 0,521
 - E-Polymer, factor de impact 1,675
- **Recenzor jurnale BDI:**
 - International Journal of Machining and Machinability of Materials
 - International Journal of Manufacturing Technology and Management
 - Advances in Materials and Processing Technologies
 - Academic Journal of Manufacturing Engineering
 - International journal of modern manufacturing technologies
 - Selected engineering problems
 - Advanced engineering forum
 - Analele Universității Dunărea de Jos din Galați
 - International Journal of Engineering Research in Africa

Prof.univ.dr. Grigore Tinica

- Peer Reviewer Experimental and Therapeutic Medicine, ed. Spandidos, Grecia.

- Profesor invitat

Prof.univ.dr. Maricel AGOP

- Editor invitat al revistei Complexity pentru numărul special intitulat: „Fractal-Type Dynamical Behaviors of Complex Systems”.

Prof.univ.dr. Grigore Tinica

- Lector invitat la Comunitatea științifică medicală de la cercetarea fundamentală la cercetarea clinică. Deciziile în echipă pentru confortul și siguranța pacienților. **Angionet**, București, 27-29.02.2020

Prof.univ.dr.ing.ec. Nedelcu Dumitru

- Universitatea Silesiana de Tehnologie din Gliwice, Polonia, Visiting profesor, decembrie 2019-ianuarie 2020, activitati de curs si proiect
- Universitatea Silesiana de Tehnologie din Gliwice, Polonia, Visiting profesor, noiembrie 2020-decembrie 2020, activitati de curs si proiect

- activitate de inventică

- **Brevet de invenție nr. 131560/30.07.2020**, Corneliu Sergiu Stan, **Marcel Popa**, Petronela Horlescu, Compozit fotoluminescent pe baza de polimeri hidrosolubili si complecsi ai gadoliniului.

- premii, recunoașterea meritelor academice și științifice pe plan național și internațional

- „Honorable Mention” acordat de Societatea americană Gravity Research Foundation, Massachusetts, în 1986, pentru Awards for Essays on Gravitation (o lucrare de fizică teoretică) - **Prof.univ.dr. Maricel AGOP**.
- Medalia de aur, Brussels Eureka 94, pentru invenția Materiaux heterojonctionnelles semiconductereous obtenus par coprecipitation sequentiele, Autori: Sandu I., Balan T., Agop M., Furnica E., Anghel I. - - **Prof.univ.dr. Maricel AGOP**.
- Medalia de aur, Brussels Eureka 94, pentru Pilesactivables a leau, Autori: Sandu I., Gulea A., Agop M., Lupuțiu M., Popa L. **Prof.univ.dr. Maricel AGOP**.
- Premiul de excelență acordat de Uniunea Armenilor din România pentru întreaga activitate (1995) - **Prof.univ.dr. Maricel AGOP**
- Doctor Honoris Causa al Universității „Vasile Alecsandri” din Bacău (2013) - - **Prof.univ.dr. Maricel AGOP**.
- Conferirea titlului de membru de onoare al Institutului de Istorie „George Barițiu”, Academia Română – Filiala Cluj, 3 februarie 2020, **Prof. univ. dr. Gheorghe Cliveti**
- H index = 47, i10-index = 120, 6054 citări, conform Google Scholar, **Prof. emerit dr. Constantin Fetecau**.
- Premiul Targul de Carte Libris 2020, pentru cea mai buna carte stiintifica pentru cartea Cazuri clinice comentate, **Prof. Dr. Florin Mitu**
- Premii pe lucrari: **Dumitru Nedelcu**, Simona-Nicoleta Mazurchevici, Ramona Iuliana Popa, Nicoleta Monica Lohan, Demofilo Maldonado Cortes and Constantin Carausu (2020), Tribological and dynamical mechanical behaviour of prototyped PLA-based polymers, special issue Functional and Architected, Materials, 13, 3615; doi:10.3390/ma13163615, **PN-III-P1-1.1-PRECISI2020-48435**.
- Premii pe lucrari: Simona-Nicoleta Mazurchevici, Andrei-Danut Mazurchevici and **Dumitru Nedelcu**, (2020), Dynamical mechanical and thermal analyses of biodegradable raw materials for additive manufacturing, Materials, 13(8), 1819, doi:10.3390/ma13081819, **PN-III-P1-1.1-PRECISI2020-48441**.

- traduceri, prefațări de volume, recenzii

- experți

- **Prof.univ.dr. Norina Consuela Forná**.
 - Membru Expert in ISO-AFNOR
 - Expert Evaluator ADEE

- Membru Evaluator CNCS - Consiliul Național al Cercetării Științifice
- **Prof. Maria Gavrilescu,**
 - **ACCESS2020 - Support Center for the development and implementation of research and development projects with international funding in the field of new and emerging technologies**, SMIS code 107417, Financing Agreement no. 245 / 30.04.2020, Project co-financed by the European Regional Development Fund through the *Operational Program Competitiveness (POC) 2014-2020*, 3024312,74 lei, Project director - Dr. Nicolae LUCANU, *Gheorghe Asachi* Technical University of Iasi, expert
 - **Increased skills and competences in smart areas of activity**, POCU/464/3/12/128219, funded through the Human Capital Operational Program POCU, 2014-2020, project director – Prof. Silvius Stanciu, University *Dunarea de Jos*, Galati, expert.
 - **Network of methodical laboratories for testing and applying successful teaching and evaluation mechanisms, identified or acquired in the process of continuous improvement of teaching staff - REMET-LAB**, Grant CNFIS-FDI-2020-0195, funded by the National Council for the Financing of Higher Education, coordinated by the "Gheorghe Asachi" Technical University of Iași, Romania, expert
 - **Expert independent al Comisiei Europene, Horizon2020**
 - **membru al Comisiei Ingineria Mediului – CNATDCU**
- **Prof. Dr. Florin Mitu**
 - Expert Cardiologie MS
- **Prof. Dr. Ion Giurma**
 - Evaluarea stării de siguranță în exploatare a zece lacuri de acumulare.
- **Prof.univ.dr.ing. Marcel Popa**
 - Expert evaluator** pentru proiecte de cercetare științifică:
 1. "Agence Nationale de Recherche" (ANR)
 2. Agence Universitaire de la Francophonie (AUF)
 3. CFQCU- Quebec (Canada)
 4. National Science Centre (Poland)
- **Prof.univ.dr.ing. Nicolae Țăranu**
 - Expert **ARACIS**
 - membru **CNATDCU**, Comisia de inginerie civilă și management (pana in mai 2020)

- alte activități în comunitatea științifică și societatea civilă

Prof. univ. dr. Gheorghe Cliveti

- Membru în Consiliul interministerial din cadrul Departamentului pentru Relația cu Republica Moldova, 2020.
- Profesor universitar asociat la Facultatea de Istorie, Universitatea „Al. I. Cuza”, Iași (cursuri de istorie modernă); *Professor emeritus* al aceleiași universități.
- Conducător de doctorat la Universitatea „Al. I. Cuza” din Iași din anul 2000, 10 doctoranzi.
- Referent în diferite comisii de doctorat la Universitatea „Al. I. Cuza” și la Institutul de Istorie „A. D. Xenopol Iași”.

Prof.univ.dr. Adrian COVIC

- Evaluarea Tezei de abilitare cu titlul "Insights into modern research in metabolic and nutrition-related diseases" elaborate de Conf.Dr.dr. Mihai Bogdan-Mircea, pe 29.09.2020 conform adresei MEC nr. 35704/7.10.2020

Prof.univ.dr. Constantin Fetecau

- Member of the assessment committee of the PhD thesis of Mr. Okechi Nnamdi Fidelis from COMSATS University, Islamabad, Pakistan 2020; Title: Fluid Flow Analysis in Corrugated Curved Channels, Supervisor Prof. Dr. Saleem Asghar.
- Member of the assessment committee of the PhD thesis of Mr. Saeed Ullah Jan from Islamia College Peshawar, Pakistan 2020; Title: Heat and Mass Transfer Analysis of Newtonian and non-Newtonian Fluids with Integer and non-Integer Order Derivatives Under Wall Slip Condition, Supervisor Dr. Sami Ul Haq.
- Member of the assessment committee of the PhD thesis of Mr. Muhammad Zafar from Riphah International University, Islamabad, Pakistan 2020; Title: Lubrication analysis of some Non-Newtonian materials in roll coating industrial processes, Supervisor Dr. Muhammad Afzal Rana.
- Member of the assessment committee of the PhD thesis of Mr. Sajjad Hussain from Quaid-i-Azam University, Islamabad, Pakistan 2020; Title: Wiener-Hopf Analysis of EM-Wave Diffraction by a Finite Plate in Cold Plasma, Supervisor Prof. Dr. Muhammad Ayub.
- Member of the assessment committee of the PhD thesis of Mr. Liaqat Ali Khan from Riphah International University, Islamabad, Pakistan 2020; Title: Theoretical computation of peristaltic flow of nanofluids, Supervisor Dr. Nazir Ahmed Mir.
- Member of the assessment committee of the PhD thesis of Mr. Mushtaq Ahmad from Bahauddin Zakariya University, Multan, Pakistan 2020; Title: Analytical solutions of some Newtonian and non-Newtonian fluids flows for heat and mass transfer analysis with real order time fractional derivatives, Supervisor Dr. Mudassar Nazar and Dr. Muhammad Imran Asjad.
- Member of the assessment committee of the PhD thesis of Ms. Shakila Sarwar from Bahauddin Zakariya University, Multan, Pakistan 2020; Title: Some unsteady convective flows of Newtonian and non-Newtonian fluids, Supervisor Dr. Mudassar Nazar.
- Member of the assessment committee of the PhD thesis of Ms. Naeema Manzoor from International Islamic University, Islamabad, Pakistan 2020; Title: Heat Transfer Analysis in Ciliary Transport of MHD Flow, Supervisor Dr. Khadija Maqbool.
- Member of the assessment committee of the PhD thesis of Ms. Tayyaba Ehsan from COMSATS University Islamabad, Pakistan 2020; Title: Peristaltic Transport of Fluid Flow: A Dynamical System Approach, Supervisor Prof. Dr. Saleem Asghar.
- Member of the assessment committee of the PhD thesis of Ms. Saima Batool from Institute of Space Technology (IST), Islamabad, Pakistan 2020; Title: Numerical investigation of heat and mass transfer through nanofluids, Supervisor Dr. Muhammad Nawaz.
- Expert in the Tenure Review Panel for promotion of Dr. Mustafa Habib, Department of Mathematics, University of Engineering and Technology, Lahore, Pakistan, 2020.
- Expert in the mid term review case of Dr. Arshi Khalid, Department of Mathematics, University of Engineering and Technology, Lahore, Pakistan, 2020.

- Expert in the mid term review case of Dr. Ayesha Riasat, Department of Mathematics, University of Engineering and Technology, Lahore, Pakistan, 2020.

Prof.univ.dr. Norina Consuela Forna.

- Presedinte al Societății Balcanice de Stomatologie (BaSS), din 2019,
- Presedinte CIDCDF - Confederația Decanilor Facultăților de Medicină Dentară de Origine Total sau Parțial Franceză
- Past President European Prosthodontic Association - EPA
- Membra în ERO WG FDI – Relation Between Dental Practitioners And Universities
- Membra în FDI WG Women Dentists Worldwide.

Prof.univ.dr.ing. Marcel Popa

- Membru în Societatea Româna de Chimie
- Membru în Societatea Româna de Biomateriale
- Membru în Groupe Français des Polymères, membru al secției Învățământ
- Membru în Societatea Europeana GALENOS Network

Prof.univ.dr.ing. Nicolae Țăranu

- **conducere doctorat:** o teza finalizata în 2020

Iași, Ianuarie 2021

PREȘEDINTE,

Prof.univ.emerit dhc dr.ing.

Anghel Stanciu



SECRETAR ȘTIINȚIFIC

Prof.univ.dr. Gheorghe Mustață



SECRETAR ȘTIINȚIFIC ADJUNCT

Prof.univ.dr.ing. Maria Gavrilescu

