

TEZĂ DE DOCTORAT

Titlul: „Studiul comportării termice a unor materiale și substanțe biologice active”.

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LUCRĂRI PUBLICATE ȘI CONFERINȚE

ARTICOLE ISI

- [1]. Vlase G, Bolcu C, Modra D, Budiul MM, Ledeti I, Albu P, Vlase T, Thermal behavior of phthalic anhydride-based polyesters, J Therm Anal Calorim. 2016; 126:287-292, doi: 10.1007/s10973-016- 5509-4.
- [2]. Vlase G, Budiul M, Vlase T, Albu P, Ledeti A. Thermally induced interactions between adamantan-2-one and some pharmaceutical excipients. J. Therm. Anal. Calorim. 2018; 131(1):201-213.
- [3]. Budiul M, Albu P, Vlase G, Turcuș V, Vlase T. Thermogravimetric and calorimetric studies performed on memantine hydrochloride to determine its thermal behavior and possible drug-excipient interactions. J. Therm. Anal. Calorim. 2017; 127:555-564.
- [4]. Mateescu M, Budiul M, Albu P, Vlase G, Vlase T. Thermal behavior and kinetic study of degradation for adamantan-2-one versus memantine hydrochloride. J. Therm. Anal. Calorim. 2017; 130 (1):391-396.
- [5]. Vlase G, Budiul M, Pătruțescu C, Albu P, Vlase T. An extensive compatibility study of mycophenolate mofetil with different excipients by spectroscopic and thermoanalytical investigation techniques. J. Therm. Anal. Calorim. 2018; 131(1):225-236.
- [6]. Albu P, Budiul M, Mateescu M, Chiriac V, Vlase G, Vlase T. Studies regarding the induced thermal degradation, kinetic analysis and possible interactions with various excipients of an osseointegration agent – zoledronic acid, J. Therm. Anal. Calorim. 2017; 130(1):403-411.
- [7]. Ledeti I, Budiul M, Matusz P, Vlase G, Circioban D, Dehelean C, Șuta LM, Caunii A, Ledeti A, Vlase T, Murariu M, Bolintineanu S. Preformulation studies for Nortriptyline – solide-state compatibility with pharmaceutical excipients. J. Therm. Anal. Calorim. 2018; 131(1):191-199.

- [8]. Budiul MM, Marioane CA, Bradu IA, Vlase G, Vlase T. FTIR and thermal studies of medicated jellies with topiramate. *Journal of Thermal Analysis and Calorimetry*. 2023; 148: 4589–4600. <https://doi.org/10.1007/s10973-022-11882-8>.
- [9]. Vlase D, Vlase G, Ursut G, Sfirloaga P, Manea F, Budiul M, Rotaru A, Vlase T. The indepth study of Romanian prehistoric ceramics: Late Neolithic/Eneolithic pottery and clay materials from the Foeni Tell-Orthodox cemetery in Timis , county. *Ceramics International*. 2023; 49: 14941-14956. <https://doi.org/10.1016/j.ceramint.2022.12.120>.
- [10]. Mateescu M, Vlase G, Budiul MM, Cernușcă BD, Vlase T. Preliminary study for preparation and characterization of medicated jelly based on Ibuprofen or Ambroxol. *Journal of Thermal Analysis and Calorimetry*. 2023; 148: 4601–4614. <https://doi.org/10.1007/s10973-023-12052-0>.
- [11]. Budiul MM, Mateescu M, Vlase G, Vlase T, Bocănici S, Bradu IA. Thermoanalytical and spectroscopic studies on medicated jellies with perphenazine. *Journal of the Serbian Chemical Society*. 2024; 89 (4):521-537. <https://doi.org/10.2298/JSC230402077B>.
- [12]. Bradu IA, Vlase T, Bunoiu M, Grădinaru M, Pahomi A, Bajas D, Budiul MM, Vlase G. Synthesis and characterization of polymer-based membranes for Methotrexate drug delivery. *Polymers*. 2023; 15(21), 4325. <https://doi.org/10.3390/polym15214325>.
- [13]. Budiul MM, Vlase G, Negru D, Okolišan D, Bradu IA, Tășală A, Pahomi A, Vlase T, Jumanca D, Gălușcan A, Sfirloagă P, Carabă N, Popescu R, Matichescu A. Dental biopolymer composites with antibiotics, bisphosphonate and hydroxyapatite for possible use in bone tissue regeneration. *Journal of Chemistry*. 2024; (1):1-19 DOI:10.1155/2024/6614044
- [14]. Cernușcă BD, Bradu IA, Pahomi A, Okolisan D, Budiul MM, Vlase G, Vlase T. Study of thermally induced interactions between active substances from the sartans class and various excipients, *Journal of Thermal Analysis and Calorimetry*, 2025; 150:6761–6775. <https://doi.org/10.1007/s10973-024-13477-x>.
- [15]. Okolišan D, Vlase G, Budiul MM, Matica MA, Vlase T, Amygdalin-Doped Biopolymer Composites as Potential Wound Dressing Films: In Vitro Study on E. coli and S. aureus, *Gels*. 2025; 11(8), 609. <https://doi.org/10.3390/gels11080609>
- [16]. Pahomi A, Potinteu IA, Tășală AM, Cernușcă BD, Sfirloagă P, Vlase T, Vlase G, Budiul MM. Thermal treatment and polymer matrix diffusion effects on hydroxyapatite particle size evolution. *Polymers*. 2025; 17(17): 2323. <https://doi.org/10.3390/polym17172323>

- [17]. Okolišan D, Potinteu AI, Vlase G, Budiul MM, Matica MA, Pahomi A, Mogos A, Vlase T. Novel Ternary Biopolymer Films Incorporating Amygdalin: FTIR, TG, and In Vitro Evaluation on Model Bacteria, *Materials*. 2026; 19(5): 897. <https://doi.org/10.3390/ma19050897>
- [18]. Ionaș C.D., Budiul MM, Cioponea A, Pahomi A, Vlase T, Okolišan D, Grădinaru M, Vlase G. Environmental sensitivity of prasugrel hydrobromide: a study of light and relative humidity effects. *J. Therm. Anal. Calorim.* 2026. <https://doi.org/10.1007/s10973-026-15500-9>
- [19]. Budiul MM, Okolišan D, Vlase G, Tășală A, Grădinaru M, Pahomi A, Ionaș C, Vlase T. Stability under thermal stress: a thermoanalytical and spectroscopic insight into flunarizine dihydrochloride and its binary mixtures. *J. Therm. Anal. Calorim.* 2026. <https://doi.org/10.1007/s10973-026-15740-9>
- [20]. Ionaș CD, Okolišan D, Epuran C, Frățilescu I, Vlase G, Pahomi A, Ștefan-Pantiș R, Budiul MM, Grădinaru M, Vlase T. Flunarizine-Loaded Hydrogels: A Novel Formulation and Physicochemical Characterization. *Polymers*; 2026; 18(9): 1014. <https://doi.org/10.3390/polym18091014>
- [21]. Gallo I, Epuran C, Fratilescu I, Ștefan-Pantiș R, Pahomi A, Budiul MM, Vlase T, Vlase G. Formulation and Analytical Characterization of Phenprocoumon-Loaded κ -Carrageenan Hydrogels for Controlled-Release Applications. *Molecules (Basel, Switzerland)*, 2026; 31(14): 2540. <https://doi.org/10.3390/molecules31142540>
- [22]. Cioponea A, Vlase G, Pahomi A, Budiul MM, Trion S, Palade L, Vlase T. Study of common blue pigments used in paintings: insights from thermal, spectroscopic, and microscopic analysis. *npj Herit. Sci.* 2026. <https://doi.org/10.1038/s40494-026-02941-6>

ARTICOLE BDI

- [1]. M. Budiul, M. Albulescu. Comparative study on content of total phenols and flavonoids in grape pomace extracts. *Annals of West University of Timisoara*. 2013;22(2):101-110.

CĂRȚI

- [1]. M.M. Budiul, M. Albulescu, “Valorificarea deșeurilor rezultate din industria vinurilor”, Editura Eurobit, Timișoara, 2014, ISBN 978-973-132-151.

CONFERINȚE INTERNAȚIONALE

- [1]. Paul Albu, Mihaela Budiul, Gabriela Vlase, Titus Vlase, Thermogravimetric studies performed on memantine hydrochloride to determine its thermal behaviour and the kinetic

parameters of the degradation process, 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC3), 25-28 August 2015, Ljubljana, Slovenia, Poster Presentation 73, Book of abstract pg. 239;

[2]. Ionel Ciucanu, Mihaela Maria Budiul, Titus Vlase, Determination of simvastatin thermal degradation products by chromatography-mass spectrometry methods ,12th Conference On Calorimetry And Thermal Analysis of the Polish Society Of Calorimetry And Thermal Analysis (CCTA 12) and 5th Joint Czech-Hungarian-Polish–Slovakian Thermoanalytical Conference, 6 - 10 September 2015, Zakopane, Polonia, Flash presentation, Book of abstracts pg. 414;

[3]. Ionel Ciucanu, Mihaela Maria Budiul, Titus Vlase, Chromatography-mass spectrometry methods for thermal degradation products of lovastatin, 12th Conference On Calorimetry And Thermal Analysis of the Polish Society Of Calorimetry And Thermal Analysis (CCTA 12) and 5th Joint Czech-Hungarian-Polish–Slovakian Thermoanalytical Conference, 6 - 10 September 2015, Zakopane, Polonia, Flash presentation, Book of abstracts pg. 415;

[4]. Mihaela Maria Budiul, Iuliana Lacrămiorara Axinte, Gabriela Vlase, Titus Vlase, Paul Albu, Evaluation of the effect of functional groups on the thermal stability of adamantane derivatives. Case study: adamantane-2-one and memantine hydrochloride, 25th Symposium on Thermal Analysis and Calorimetry- Eugen Segal, 15 aprilie 2015, București, România, Poster Presentation 28, Book of abstract pg. 70;

[5]. Paul Albu, Mihaela Maria Budiul, Gabriela Vlase, Titus Vlase, Compatibility studies of Mycophenolate mofetil in binary mixtures with different excipients, 25th Symposium on Thermal Analysis and Calorimetry- Eugen Segal, 15 aprilie 2016, București, România, Poster Presentation 34, Book of abstract pg. 76;

[6]. Mihaela Budiul, Gabriela Vlase, Paul Albu, Adriana Ledeti, Ionuț Ledeti, Titus Vlase, Comparative thermal behavior and kinetic study of degradation for adamantane-2-one vs. memantine hydrochloride, AICAT-GICAT, 25 - 28 September 2016, 2016, Ischia (NA), Italia, Poster Presentation 45, Book of abstract pg. 90;

[7]. Mihaela Budiul, Gabriela Vlase, Titus Vlase. FTIR and thermal studies of medicated jellies with Topiramate. 30th Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy CATCAR30, 15-16 October 2021, București, Romania.

- [8]. Mihaela Maria BUDIUL, Mădălina MATEESCU, Titus VLASE, Gabriela VLASE, Thermoanalytical and spectroscopic studies on medicated jellies with perphenazine, 1st Central and Eastern European Conference on Physical Chemistry & Materials Science (CEEC-PCMS1), 26-30 Iulie 2022, Split, Croatia, PS3.18, p. 204.
- [9]. Mădălina MATEESCU, Mihaela Maria BUDIUL, Titus VLASE, Gabriela VLASE, Preparation and characterization of Propyphenazone medicated jellies, 1st Central and Eastern European Conference on Physical Chemistry & Materials Science (CEEC-PCMS1), 26-30 Iulie 2022, Split, Croatia, PS3.18, p. 42.
- [10]. Ionela – Amalia Bradu, Gabriela Vlase, Mihaela Budiul, Alexandru Pahomi, Titus Vlase, Physicochemical characterization of polymeric membranes with Riluzole for amyotrophic lateral sclerosis treatment, 16th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023) 19-21 Iulie 2023, Porto, Portugalia. P. C4, Book of abstracts p.83.
- [11]. Mihaela Budiul, Gabriela Vlase, Ionela-Amalia Bradu, Alexandru Pahomi, Titus Vlase, Thermal behavior of polymer-based systems containing antibiotic and anesthetic with medical use, 16th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023) 19-21 Iulie 2023, Porto, Portugalia. P. C3, Book of abstracts p.84.
- [12]. Mihaela Budiul, Gabriela Vlase, Ionela-Amalia Bradu, Alexandru Pahomi, Titus Vlase, Preformulation studies for membranes with acetaminophen, propyphenazone and caffeine. 16th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023) 19-21 Iulie 2023, Porto, Portugalia. P. C4, Book of abstracts p.85.
- [13]. Alexandru Pahomi, Ionela – Amalia Bradu, Gabriela Vlase, Mihaela Budiul, Titus Vlase, Gheorghe Ilia, Preliminary studies on local hemostatic desorption of carbazochrome loaded on chitosan/HA biocomposite, 16th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023) 19-21 Iulie 2023, Porto, Portugalia. P. C3, Book of abstracts p.92.
- [14]. Bianca Cernusca, Gabriela Vlase, Madalina Mateescu, Mihaela Maria Budiul, Titus Vlase, Compatibility study between active substances from the sartans class with various excipients using multiple technics. 16th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023) 19-21 Iulie 2023, Porto, Portugalia. P. C4, Book of abstracts p.96.
- [15]. Ionela – Amalia Bradu, Gabriela Vlase, Mihaela Budiul, Alexandru Pahomi, Maria-Luiza Cocotă, Titus Vlase, Spectroscopic and thermoanalytical studies of agents for chemo-mechanical

caries removal. 16th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023) 19-21 Iulie 2023, Porto, Portugalia. P. C4, Book of abstracts p.110.

[16]. Alexandru Pahomi, Ionela – Amalia Bradu, Gabriela Vlase, Mihaela Budiul, Titus Vlase, Gheorghe Ilia, Evolution of hydroxyapatite particle size by thermal treatment and polymer matrix diffusion. 16th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023) 19-21 Iulie 2023, Porto, Portugalia. P. C4, Book of abstracts p.118.

[17]. Bianca CERNUSCA, Gabriela VLASE, Madalina MATEESCU, Mihaela Maria BUDIUL, Titus VLASE, Study of thermally induced interactions between active substances from the sartans class and various excipients, 31st Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR31), 20-22 Octombrie 2022, Reșița, România, Book of abstracts p.33.

[18]. Madalina MATEESCU, Ionela-Amalia BRADU, Gabriela VLASE, Titus VLASE, Mihaela BUDIUL, Coagulant – antibiotic scaffold systems for dental application. 31st Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR31), 20-22 Octombrie 2022, Reșița, România, Book of abstracts p.37.

[19]. Gabriela VLASE, Daniel NEGRU, Ionela-Amalia BRADU, Alexandra TASALA, Alexandru PAHOMI, Dorinel OKOLISAN, Titus VLASE, Mihaela Maria BUDIUL, Daniela JUMANCA. Paula SFIRLOAGA, Anamaria MATICHESCU, Composites with antibiotics, bisphosphonate and hydroxyapatite for dental applications. 31st Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR31), 20-22 Octombrie 2022, Reșița, România, Book of abstracts p.38.

[20]. Bianca-Denisa CERNUȘCĂ, Gabriela VLASE, Mihaela-Maria BUDIUL, Titus VLASE, Kinetic study and thermal stability of sartan class drugs. 3rd Journal of Thermal Analysis and Calorimetry Conference, 9th V4 (Joint Czech-Hungarian-Polish-Slovakian) Thermoanalytical Conference, 2023, Balatonfüred, Hungary, Book of abstracts p.337.

[21]. Gabriela Vlase, Dorothea Bajas, Amalia Bradu, Mihaela Budiul, Titus Vlase, Preliminary study of polymer-based membrane for Methotrexate drug delivery, 3rd Journal of Thermal Analysis and Calorimetry Conference, 9th V4 (Joint Czech-Hungarian-Polish-Slovakian) Thermoanalytical Conference, 2023, Balatonfüred, Hungary.

- [22]. Gabriela Vlase, Alexandra Tășală, Alexandru Pahomi, Mihaela Budiul, Titus Vlase, Compatibility study for new transdermal leflunomide delivery systems, 3rd Journal of Thermal Analysis and Calorimetry Conference, 9th V4 (Joint Czech-Hungarian-Polish-Slovakian) Thermoanalytical Conference, 2023, Balatonfured, Hungary.
- [23]. Ferencz Iosif Vasile, Cristian Constantin Roman, Cristian Mihăilescu, Mihaela Budiul, Amalia Bradu, Gabriela Vlase, Titus Vlase, Dan Vlase, Analysis by multiple techniques of some fragments of Dacian ceramics, discovered near the Dacian fortress of Alun-Piatra Roșie (Hunedoara County), CEEC-TAC 7, 2023, Brno, Czech Republic.
- [24]. Iulia Gallo, Gabriela Vlase, Laura Pitulice, Ionela-Amalia Bradu, Mihaela-Maria Budiul, Titus Vlase, Preliminary Studies of Some New Possible Pharmaceutical Formulations with Drugs from The Anticoagulant Class, 33rd Symposium “Eugen Segal” of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania.
- [25]. Alexandru Pahomi, Mihaela Budiul, Gabriela Vlase, Ionela-Amalia Bradu, Alexandra Tășală, Titus Vlase, Evaluation of Interactions Between Polymer-Gelatin Hydrogels and Propyphenazone, 33rd Symposium “Eugen Segal” of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania.
- [26]. Ionela-Amalia Bradu, Mihaela Budiul, Gabriela Vlase, Mădălina Grădinaru, Alexandru Pahomi, Titus Vlase, Study of Polymer-Based Jellies for Antipyretic And Analgesic Drug, 33rd Symposium “Eugen Segal” of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania.
- [27]. Adina Segneanu, Ionela-Amalia Bradu, Mihaela Maria Budiul, Gabriela Vlase, Titus Vlase, Physicochemical and antioxidant characterisation of a food supplement based on ginger (*zingiber officinale*), in vitro evaluation, 33rd Symposium “Eugen Segal” of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania.
- [28]. Adina-Elena Segneanu, Gabriela Vlase, Titus Vlase, Ionela-Amalia Bradu, Mihaela Maria Budiul, Insight into the physicochemical and thermal behavior of new microcarriers based on romanian wild-growing *inonotus obliquus*, 33rd Symposium “Eugen Segal” of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania.

[29]. Ferencz Iosif Vasile, Cristian Constantin Roman, Cristian Mihăilescu, Mihaela Budiul, Ionela-Amalia Bradu, Gabriela Vlase, Titus Vlase, Dan Vlase, The use of multiple techniques in the investigation of some fragments of dacian ceramics, discovered near the dacian fortress of Alun-Piatra Roșie (Hunedoara County), 33rd Symposium “Eugen Segal” of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania.

[30]. Ferencz Iosif Vasile, Cristian Constantin Roman, Cristian Mihailescu, Mihaela Budiul, Ionela-Amalia Bradu, Gabriela Vlase, Titus Vlase, Dan Vlase, Analysis by multiple techniques of some fragments of dacian ceramics, discovered near the Dacian fortress of Alun-Piatra Rosie, (Hunedoara County), XLV National Conference on Calorimetry, Thermal Analysis and applied Termodinamics, Caserta, December 9th-11th, 2024, p.75.

[31]. Alexandru Pahomi, Ionela Amalia Bradu, Gabriela Vlase, Mihaela Budiul, Mădălin Bunoiu, Titus Vlase, The influence of the polymer matrix on the size of the hydroxyapatite particles, Seventh Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES 2024, 17-20 September 2024, Brasov, Romania.

[32]. Alexandru Pahomi, Ionela-Amalia Bradu, Gabriela Vlase, Mădălin Bunoiu, Mihaela Budiul, Vlase Titus, Synthesis and characterization of some metals doped hydroxyapatite with different applications, Seventh Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES 2024, 17-20 September 2024, Brasov, Romania.

[33]. Ionela-Amalia Bradu, Camelia-Daniela Ionas, Mihaela Budiul, Gabriela Vlase, Titus Vlase, Physicochemical characterization of polymeric membranes with Riluzole for amyotrophic lateral sclerosis treatment, Seventh Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES 2024, 17-20 September 2024, Brasov, Romania.

[34]. Budiul Mihaela Maria, Vlase Gabriela, Bradu Ionela–Amalia, Grădinaru Mădălina, Pahomi Alexandru, Vlase Titus, Preformulation Studies Regarding Membranes Containing Active Pharmaceutical Ingredients with Analgesic and Antipyretic Activity, Seventh Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, IC-ANMBES 2024, 17-20 September 2024, Brasov, Romania.

- [35]. Alexandra Tășală, Titus Vlase, Gabriela Vlase, Alexandru Pahomi, Mihaela Maria Budiul, Silvia Trion, Luisa Palade, Matei-Ilie Bujanca. Study of blue pigments used in paintings: insights from thermal and hyphenated analytical techniques. JTACC+V4 2025. 24-27 Iunie 2025. Budapesta. Ungaria. Book of abstracts 322.
- [36]. Alexandra Tășală, Titus Vlase, Gabriela Vlase, Silvia Trion, Alexandru Pahomi, Mihaela Maria Budiul, Luisa Palade, Ana Diuța. Characterization of red pigment mixtures with binders used in restorations through hyphenated techniques. JTACC+V4 2025. 24-27 Iunie 2025. Budapesta. Ungaria. Book of abstracts 323.
- [37]. Gabriela Vlase, Laura Pitulice, Ionela-Amalia Bradu, Mihaela-Maria Budiul, Iulia Gallo, Adelina Bucălaie, Titus Vlase. Preliminary studies of some pharmaceutical formulations with drugs from the anticoagulant class. JTACC+V4 2025. 24-27 Iunie 2025. Budapesta. Ungaria. Book of abstracts 405.
- [38]. Madalina Gradinaru, Mihaela Budiul, Titus Vlase, Dorinel Okolišan, Alexandru Pahomi, Gabriela Vlase. Influence of environmental factors on the compatibility between prasugrel: excipients. JTACC+V4 2025. 24-27 Iunie 2025. Budapesta. Ungaria. Book of abstracts 415.
- [39]. Alexandru Pahomi, Ionela-Amalia Potinteu, Gabriela Vlase, Mihaela Budiul, Paula Sfirloagă, Gheorghe Ilia, Titus Vlase. Thermal treatment and polymer matrix diffusion effects on hydroxyapatite particle size evolution. JTACC+V4 2025. 24-27 Iunie 2025. Budapesta. Ungaria. Book of abstracts 474.
- [40]. Mihaela Maria Budiul, Dorinel Okolišan, Gabriela Vlase, Titus Vlase, Mădălina Grădinaru, Alexandru Pahomi, Camelia Ionaș, Alexandra Tășală. Thermoanalytical and spectroscopic study of flunarizine dihydrochloride and binary mixtures of drug and excipients stored in extreme environments. JTACC+V4 2025. 24-27 Iunie 2025. Budapesta. Ungaria. Book of abstracts 481.
- [41]. Mihaela Maria Budiul, Alexandru Pahomi, Gabriela Vlase, Titus Vlase, Mădălina Grădinaru, Dorinel Okolišan, Camelia Ionaș, Alexandra Tășală. Preformulation studies for antipyretic and analgesic drug in novel pharmaceutical formulation. JTACC+V4 2025. 24-27 Iunie 2025. Budapesta. Ungaria. Book of abstracts 483.