



**UMFT**  
Universitatea de  
Medicină și Farmacie  
„Victor Babeș”  
din Timișoara

**Titlul proiectului:** Tehnici instrumentale hifenate și complementare de analiză, control și recuperare a compușilor bioactivi utilizați în terapii hormonale

**Project title:** Hyphenated and complementary instrumental techniques for analysis, control and recovery of bioactive compounds used in hormone therapies

**Cod proiect (Project code):** PN-III-P1-1.1-TE-2016-1165

**Contract:** TE 125 din 10/10/2018

**Acronim:** RECOTHER

**Echipa proiectului (Project team):**

- **Director proiect:** Conf. Univ. Dr. Ionuț-Valentin LEDEȚI, Dr. Habil.
- **Membru-Cercetător postdoctoral:** Prof. Univ. Dr. Adriana-Violeta LEDEȚI
- **Membru-Doctorand:** Asist. Univ. Drd. Denisa-Laura CÎRCIOBAN
- **Membru-Cercetător postdoctoral:** Asist. Univ. Dr. Carmen TOMOROGA (ex. AXENTE)
- **Membru-Cercetător postdoctoral:** Asist. Univ. Dr. Valentina Oana BUDA

### CONFERINȚE ETAPA a 2-a – 10 lucrări prezentate

1. First report regarding the solid state compatibility between synthetic steroidal estrogen promestriene and pharmaceutical excipients  
Cosmina Bengescu, Anca Dragomirescu, **Adriana Ledeti**, Mirabela Romanescu, Gabriela Vlase, Titus Vlase, Lenuța-Maria Șuta, **Denisa Cîrcioban**, Cornelia Muntean, **Ionuț Ledeti**

28th Symposium on Thermal Analysis and Calorimetry – Eugen Segal – of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR28) & 2nd Symposium on Thermal Analysis and Calorimetry of Moldova (MoldTAC2), 9-10 May 2019, Timișoara, Romania. Book of Abstracts CATCAR28&MoldTAC2 ISBN 978-606-675-208-4, PP2, p.35

2. Compatibility study of Desogestrel with pharmaceutical excipients in solid state  
**Adriana Ledeti**, Mirabela Romanescu, Gabriela Vlase, Titus Vlase, Cornelia Muntean, Anca Dragomirescu, Lenuța-Maria Șuta, **Denisa Cîrcioban**, Cezara Mureșan, **Ionuț Ledeti**

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3. Comparative solid state stability of three glucocorticoid hormones: prednisolone, prednisone and cortisone  
**Ionuț Ledeti**, Sebastian Simu, **Carmen Axente (Tomoroga)**, **Denisa Cîrcioban**, Bianca Baul, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, **Adriana Ledeti**

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4. Instrumental investigations regarding solid state compatibility between Levothyroxine Sodium and pharmaceutical excipients  
Mirabela Romanescu, **Adriana Ledeti**, Cornelia Muntean, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, Lenuța-Maria Șuta, **Denisa Cîrcioban**, **Ionuț Ledeti**

28th Symposium on Thermal Analysis and Calorimetry – Eugen Segal – of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR28) & 2nd Symposium on Thermal Analysis and Calorimetry of Moldova (MoldTAC2), 9-10 May 2019, Timișoara, Romania. Book of Abstracts CATCAR28&MoldTAC2 ISBN 978-606-675-208-4, PP11, p.44

5. Preformulation studies for antiandrogen drug bicalutamid  
Lenuța-Maria Șuta, Anca Dragomirescu, Cornelia Muntean, **Adriana Ledeti**, Gabriela Vlase, Titus Vlase, Bianca Beatrice Baul, Lavinia Stelea, **Ionuț Ledeti**

28th Symposium on Thermal Analysis and Calorimetry – Eugen Segal – of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR28) & 2nd Symposium on Thermal Analysis and Calorimetry of Moldova (MoldTAC2), 9-10 May 2019, Timișoara, Romania. Book of Abstracts CATCAR28&MoldTAC2 ISBN 978-606-675-208-4, PP13, p.46.

6. Solid-state compatibility study between prednisone and pharmaceutical excipients  
**Adriana Ledeti**, **Denisa Cîrcioban**, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, Lenuța-Maria Șuta, Cornelia Muntean, Bianca Baul, **Ionuț Ledeti**

5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis, 27-30 August 2019, Roma, Italy. Book of Abstracts CEEC-TAC5&Medicta 2019 ISBN 978-3-940237-59-0, PS2.085, p.375

7. Thermal analysis and kinetic degradation study for corticosteroid drug fludrocortisone

**Adriana Ledeti, Denisa Cîrcioban, Carmen Axente (Tomoroga),** Gabriela Vlase, Titus Vlase, **Valentina Buda,** Oana Suciu, Cezara Mureșan, **Ionuț Ledeti**

5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis, 27-30 August 2019, Roma, Italy. Book of Abstracts CEEC-TAC5&Medicta 2019 ISBN 978-3-940237-59-0, PS2.093, p.383

8. Search of interaction between prednisolone and pharmaceutical excipients in solid binary mixtures

**Ionuț Ledeti,** Mirabela Romanescu, **Denisa Cîrcioban,** Gabriela Vlase, Titus Vlase, Laura Sbârcea, Oana Suciu, Cezara Mureșan, Marius Murariu, **Adriana Ledeti**

5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis, 27-30 August 2019, Roma, Italy. Book of Abstracts CEEC-TAC5&Medicta 2019 ISBN 978-3-940237-59-0, PS2.095, p.385

9. Preliminary evaluation of solid state stability of promestriene

**Ionuț-Valentin Ledeti,** Cosmina Bengescu, **Denisa Cîrcioban, Valentina Buda,** Lenuța-Maria Șuta, Oana Suciu, Marius Murariu, Anca Dragomirescu, Gabriela Vlase, Titus Vlase, **Adriana Ledeti**

The 12th Edition of the Biopharmacy-Pharmacokinetics&Industrial Pharmacy Symposium, 8 November 2019, Cluj-Napoca, România, Medicine and Pharmacy Reports Supplement No. 5, Vol. 92, 2019, e-ISSN 2668-1250, p-ISSN 2602-0815, P12, p.S48

10. Shelf-life evaluation of a synthetic progestogen derivative in binary mixtures

**Adriana Ledeti, Denisa Cîrcioban,** Lenuța-Maria Șuta, Anca Dragomirescu, **Carmen Tomoroga,** Marius Murariu, Oana Suciu, Gabriela Vlase, Titus Vlase, **Ionuț-Valentin Ledeti**

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