Curriculum vitae

1. **Last Name:Oprean**
2. **First Name: Camelia**
3. **Date and Place of Birth: 05/06/1987, Arad, Romania**
4. **Citizenship: Romanian**
5. **Marital Status: Married**
6. **Education:**

Institution	**Period**	**Degrees or diplomas**
University of Medicine and Pharmacy „Victor Babes", Timisoara	**2011-2015**	PhD – Triterpenic compounds with antitumor effect: *in vitro* and *in vivo* experimental studies
University of Medicine and Pharmacy „Victor Babes", Timisoara	**2006 – 2011**	Pharmacist

7. **Professional experience:**

Institution	**Period**	**Position**	**Description**
University of Medicine and Pharmacy „Victor Babes", Timisoara	**2013-on going**	**Teaching assistant**	Discipline of Pharmaceutical Chemistry, Faculty of Pharmacy
University of Medicine and Pharmacy „Victor Babes", Timisoara	**2011-2013**	**External collaboration**	Discipline of Toxicology, Faculty of Pharmacy
SC. Pharmacon Medaten SRL, Timișoara	**February 2012 – September 2012**	**Pharmacist**	Specific activities of pharmacy
"Ana Aslan" National College, Timișoara, Health Post Highschool	**September 2011 – January 2012**	**Teacher**	Education

8. **Foreign Languages: English, French**
9. **Experience in other national/international programmes/ projects:**

Programme/Project	**Position**	**Period**
The *in vitro* and *in vivo* evaluation of the mechanisms of cell death induced by the magnetic nanoparticles' interaction with tumor cells - PIII-C4-PCFI-2016/2017-03, acronym NANOCEL	Member	2016-2017
Environmental factors and epidenetic mechanisms – a common link in chronic kidney diseases – PN-II-RU-TE-2014-4-181/2015	Member	2015-2017
The synthesis of compounds with antitumor potential by derivatization reactions and their characterization by hifenate techniques. Assessing the anti-angiogenic, anticancer and anti-inflammatory activity - SYNTANTITUM, Innovative partnerships in basic research- PIII-C1-PCFI-2014/2015	Member	2014-2015

New formulations of ursolic and oleanolic acids applicable in tumor and antimicrobial therapy – POSDRU/159/1.5/S/136893	Member	2014-2015

10. Published papers:

1. Fulias A, Ledeti I, Vlase G, Vlase T, Soica C, Dehelean C, **Oprean C**, Bojin F, Suta L-M, Bercean V, Amvram S. Thermal degradation, kinetic analysis, and apoptosis induction in human melanoma for oleanolic and ursolic acids. *J Therm Anal Calorim.* 2015, 9, DOI: 10.1007/s10973-015-5052-8.
2. **Oprean C**, Borcan F, Cristea M, Bojin F, Ivan A, Mioc M, Trandafirescu C, Soica C, Paunescu V. Polyurethane Nanostructures Incorporating Ursolic and Oleanolic Acids: In Vitro Antiproliferative Evaluation. *Fiziologia – Physiology*, 2015; 25.1(85):59-44.
3. Danciu C, Borcan F, Soica C, Zupko I, Csányi E, Ambrus R, Muntean D, **Sass** C, Antal D, Toma C, Dehelean C. Polyurethane Microstructures-a Good or Bad *in vitro* Partner for the Isoflavone Genistein?. *Natural Product Communications, 2015 ;* 10 (6) :951-954.
4. Citu IM, Toma C, Trandafirescu C, Antal D, Zambori C, **Oprean C**, Bojin F, Borcan F, Paunescu V, Lazureanu V. Preparation and Characterization of a Polyurethane Nanocarrier Used for Mixtures of Betulin and Fatty Acids. *Rev Chim*, 2015; 66(3):431-437.
5. Danciu C, **Oprean C**, Coricovac DE, Andreea C, Cimpean A, Radeke H, Soica C, Dehelean C. Behaviour of four different B16 murine melanoma cell sublines: C57BL/6J skin. *Int J Exp Pathol*, 2015; 96(2):73-80.
6. Tranadafirescu C, Antal D, Soica C, Zupko I, Minorics R, Ambrus R, Borcan F, **Oprean C**, Danciu C, Avram S, Dehelean C, Nita S, Vlaia L. Cyclodextrin Complexes of Oleanolic and Ursolic Acid. Physico-chemical and biological preliminary evaluation. *Rev Chim*, 2014; 65(10): 1163-1167.
7. Soica C, **Oprean C**, Borcan F, Danciu C, Trandafirescu C, Coricovac D, Crainiceanu Z, Dehelean CA, Bratu T. The synergistic biologic activity of oleanolic and ursolic acids in complex with hydroxypropyl-γ-cyclodextrin. *Molecules*. 2014; 19(4):4924-4940.
8. **Sass C**, Bojin F, Dehelean C, Șoica C, Păunescu V. Insights into Melanoma. Histological Aspects, Progression and Prognostic. *Fiziologia – Physiology*, 2013; Vol. 23, nr. 3(79); 14-20.
9. **Sass C**, Bojin F, Hegheș A, Gălușcan A, Păunescu V. Oleanolic and ursolic acid in human skin cancer – a preliminary in vitro comparative study. *Fiziologia – Physiology*, 2012; Vol. 22, nr. 4(76); 30-33.
10. Cerga O, Borcan F, **Sass C**, Galuscan A, Popovici I. In vitro activity of ursolic and oleanolic acid on A2058 (human melanoma) and A2780 (hepatic carcinoma). *Medicine in evolution*, 2012; XVIII(1):196-201.