

<b>Curriculum vitae Europass</b>	
<b>Personal information</b>	
First name(s) / Surname (s)	<b>Suteanu (Simulescu) E. Anca</b>
E-mail	anca.simulescu@yahoo.com
Nationality	Romanian
Date of birth	31 January 1989
Gender	Female
<b>Professional experience</b>	
Period	01 January 2019 – to date
Position occupied	<b>Nephrology Specialist – Volunteer contract and medical shift contract</b>
Name of employer	„Pius Brinzeu” County Emergency Hospital, Timisoara, Department of Nephrology
Main activities and responsibilities	Medical activity
Period	17 September 2018 – to date
Position occupied	<b>Assistant Professor – Department of Nephrology</b>
Name of employer	„Victor Babes” University of Medicine and Pharmacy, Timisoara
Main activities and responsibilities	Teaching activities, medical research activities, medical publishing activity
Period	January 2019 – to date
Position occupied	<b>Nephrology specialist – Nefrocenter Dialysis Center</b>
Name of employer	B Braun Avitum, Lugoj
Main activities and responsibilities	Medical activity
Period	November 2019 – to date
Position occupied	<b>Nephrology specialist</b>
Name of employer	Bastion Medical
Main activities and responsibilities	Medical activity
Period	01 January 2015 – 31 December 2018
Position occupied	<b>Nephrology Resident Doctor</b>
Employer	„Pius Brinzeu” County Emergency Hospital, Timisoara, Department of Nephrology
Main activities and responsibilities	Medical activity
<b>Education and Formation</b>	
Period	2018 - 2019
Qualification / Degree obtained	<b>Graduation of the Postgraduate Program of Psycho-Pedagogical Studies Level I II</b>
Name and type of the teaching institution	Department of Teacher Training – West University of Timisoara
Period	1 October 2016 – to date
Qualification / Degree obtained	<b>PhD Student</b>
Name and type of the teaching institution	„Victor Babes” University of Medicine and Pharmacy, Timisoara
Period	2008 - 2014
Qualification / Degree obtained	<b>Graduate of the Faculty of Medicine, “Victor Babes” University of Medicine and Pharmacy Timișoara; sustenance of the Diploma Thesis titled „ Incidence and therapeutics in suppurative complications of acute nonspecific angina”</b>
Name and type of the teaching institution	„Victor Babes” University of Medicine and Pharmacy, Timisoara
Main disciplines studied / Professional competencies acquired	Medical Doctor
Period	2004-2008
Calificarea / diploma obținută	<b>Graduate of the "Nikolaus Lenau" High-school, Timisoara</b>
Name and type of the teaching institution	„Nikolaus Lenau” High-school, Timisoara
Main disciplines studied / Professional competencies acquired	High-school Diploma
<b>Additional Information</b>	
<b>Foreign languages</b>	
2008 - Deutsches Sprachdiplom der Kulturministerkonferenz – Zweite Stufe, Niveaustufe C 1; 2008 - Certificate of Professional Competences – Linguistic Competence in German Language 2020 – Certificate of Language Competence in English (West University of Timisoara) - Level B2	
<b>Scientific Papers:</b> Domain: nephrology	

1. Petrica L., Gadalean F., Vlad A., Gluhovschi Gh., Dumitrascu V., Vlad D., Gluhovschi C., Velciov S., Bob F., Petrica M., Jianu CD., Ursoniu S., Milas O., Secara A., **Simulescu A.**, Popescu R. – **Urinary podocyte-associated messenger RNA levels correlate with proximal tubule dysfunction in early diabetic nephropathy of type II diabetes mellitus**, *Diabetology and Metabolic Syndrome*, 2017, 9:31-43, ISSN- 1056-8727 2017;
2. Vlad A., Vlad M., Petrica L., Ursoniu S., Gadalean F., Popescu R., Vlad D., Dumitrascu V., Gluhovschi G., Gluhovschi C., Velciov S., Bob F., Secara A., **Simulescu A.**, Jianu D.C. **Therapy with Atorvastatin versus Rosuvastatin reduces urinary podocytes, podocyte-associated molecules and proximal tubule dysfunction biomarkers in patients with type 2 Diabetes Mellitus**, *Ren Fail*, 2017; 1-8, Print ISSN: 0886-022X; Online ISSN: 1525-6049;
3. Milas O., Gadalean F., Vlad A., Dumitrascu V., Gluhovschi C., Gluhovschi G., Velciov S., Popescu R., Bob F., Matusz P., Puztai AM., Cretu O., Secara A., **Simulescu A.**, Ursoniu S., Vlad D., Petrica L. **Deregulated profiles of urinary microRNAs may explain podocyte injury and proximal tubule dysfunction in normoalbuminuric patients with type 2 diabetes mellitus**, *Journal of Investigative Medicine*, 2017; Online, <http://dx.doi.org/10.1136/jim-2017-000556>;
4. Petrica L., Puztai AM., Vlad M., Gadalean F., Dumitrascu V., Vlad D., Velciov S., Gluhovschi C., Bob F., Ursoniu S., Petrica M., Matusz P., Cretu O., Milas O., Secara A., **Simulescu A.**, Popescu R., Jianu D.C. **The time frame of vascular remodelling is dissociated within the brain and the kidney and may be explained by the variability of miRNAs expression in type 2 diabetes mellitus patients**, *Poster Session L Diabetes*. Clinical studies, 2018, Copenhagen, Denmark.
5. Milas O., Gadalean F., Vlad A., Dumitrascu V., Velciov S., Gluhovschi C., Bob F., Popescu R., Ursoniu S., Jianu DC, Matusz P, Puztai AM, Secara A, **Simulescu A**, Stefan M, Patruica M, Petrica F, Vlad D, Petrica L. **Pro-inflammatory cytokines are associated with podocyte damage and proximal tubular dysfunction in the early stage of diabetic kidney disease in type 2 diabetes mellitus patients**. *J Diabetes Complications*. 2019 Nov 5:107479. doi: 10.1016/j.jdiacomp.2019.107479. PMID: 31806428
6. Petrica L, Puztai AM, Vlad M, Vlad A, Gadalean F, Dumitrascu V, Vlad D, Velciov S, Gluhovschi C, Bob F, Ursoniu S, Petrica M, Matusz P, Cretu O, Radu D, Milas O, Secara A, **Simulescu A**, Popescu R, Jianu DC. **MiRNA Expression is Associated with Clinical Variables Related to Vascular Remodeling in the Kidney and the Brain in Type 2 Diabetes Mellitus Patients**. *Endocr Res*. 2019 Nov 14:1-12. doi: 10.1080/07435800.2019.1690505. PMID: 31724439
7. Petrica L, Milas O, Vlad M, Vlad A, Gadalean F, Dumitrascu V, Velciov S, Gluhovschi C, Bob F, Ursoniu S, Jianu DC, Matusz P, Puztai AM, Cretu O, Radu D, Secara A, **Simulescu A**, Stefan M, Popescu R, D. **Interleukins and miRNAs intervene in the early stages of diabetic kidney disease in Type 2 diabetes mellitus patients**. *Biomark Med*. 2019 Dec;13(18):1577-1588. doi: 10.2217/bmm-2019-0124. Epub 2019 Oct 30. PMID: 31663375
8. Milas O, Gadalean F, Vlad A, Dumitrascu V, Velciov S, Gluhovschi C, Bob F, Popescu E, Ursoniu S, Jianu DC, Matusz P, Puztai AM, Secara A, **Simulescu A**, Stefan M, Patruica M, Petrica F, Vlad D, Petrica L. **Pro-inflammatory cytokines are associated with podocyte damage and proximal tubular dysfunction in the early stage of diabetic kidney disease in type 2 diabetes mellitus patients**. *Journal of Diabetes and its Complication*. 2019 Nov 5. <https://doi.org/10.1016/j.jdiacomp.2019.107479>
9. Zamfir Alina D, Sarbu Mirela, Petrut Alina, Ica Raluca, Munteanu Cristian V.A., **Simulescu Anca**, Petrescu Andrei J. **Development of advanced mass spectrometric platforms for glycoconjugate mapping, biomarker discovery and study of their functional interactions**. *Journal of Experimental & Molecular Biology* . 2019, Vol. 20 Issue 3, p40-40. 1p.
10. Florica Gadalean, Florina Parv, Ligia Petrica, Silvia Velciov, Cristina Anca Gluhovschi, Flaviu Bob, Milas Oana, Adelina Mihaescu, Aina Golea-Secara, **Anca Simulescu**, Iulia Dana Grosu, Lazar Chisavu, Madalina Floroiu, Adalbert Schiller. **Association of serum potassium levels with rapid kidney function decline in patients with congenital single kidney**. *Nephrology Dialysis Transplantation*, Volume 35, Issue Supplement\_3, June 2020, gfaa142.P0750, <https://doi.org/10.1093/ndt/gfaa142.P0750>.
11. Ligia Petrica, Florica Gadalean, Adrian Vlad, Mihaela Vlad, Victor Dumitrascu, Silvia Velciov, Cristina Anca Gluhovschi, Flaviu Bob, Sorin Ursoniu, Catalin Jianu, Petru Matusz, Agneta Puztai, Octavian Cretu, Milas Oana, Alina Golea-Secara, **Anca Simulescu**, Maria Mogos-Stefan, Mihaela Patruica, Roxana Popescu, Daliborca Vlad. **Association Of Serum Potassium Levels With Rapid Kidney Function Decline In Patients With Congenital Single Kidney**. *Nephrology Dialysis Transplantation*, Volume 35, Issue Supplement\_3, June 2020, gfaa142.P0750, <https://doi.org/10.1093/ndt/gfaa142.P0750>
12. Raluca Ica, **Anca Simulescu**, Mirela Sarbu, Cristian V.A. Munteanu, Zeljka Vukelic, Alina D. Zamfir. **High resolution mass spectrometry provides novel insights into the ganglioside pattern of brain cavernous hemangioma**. *Anal. Biochem* 2020; doi: 10.1002/jms.4502; <https://doi.org/10.1016/j.ab2020.113976> - in calitate de prim-autor contributii egale

#### **Affiliation to organizations / national and international societies (ongoing)**

2015 - Member of the Romanian Society of Nephrology;

2016 - Member of the European Dialysis and Transplant Association (ERA-EDTA);

2021 – Member of the Centre for Molecular Research in Nephrology and Vascular Disease, Faculty of Medicine, “Victor Babeş” University of Medicine and Pharmacy, Timișoara, Romania

### **Participation in national and international courses and congresses**

2010 – Medis, Medical Students Congress Timișoara, România, presentation  
„Correlation between the symptoms exacerbation in allergic patients and the dynamics of Ambrosia pollen in the western part of Romania”;

2010 – Clinical Research Certificate at the Immunopharmacology Institute Frankfurt, under the guidance of Prof. Dr. Heinfried H. Radeke

2012 - Medis, Medical Students Congress Timișoara, România, presentation  
„Chemokines and chemokines receptors expressed by human MSC”, Timișoara, România

2012 - Summerschool UMFVBT with the topic „De la moleculă la terapie în evaluarea sindroamelor alergice”, Timișoara, România

2015 – Nephrology National Congress, IX th edition, Iași, România

2016 – 53rd ERA-EDTA Congress, Vienna, Austria

2016 – 14th Renal Failure Academy, Timișoara, România

2016 – Nefrocardia Conference, V th edition, Timișoara, România

2017 – NefroGeriatrica, București, România

2017 – Nephrology National Congress, X th edition, București, România

2018 – 55th ERA-EDTA Congress, Copenhagen, Denmark

2018 – Nefrocardia Conference, VI th edition, 2018: N-acetyl-β-D-glucosaminidaza și kidney injury molecule 1 sunt biomarkeri de disfuncție tubulară proximală importanți în boala cronică de rinichi diabetică incipientă la pacienții cu diabet zaharat tip 2. Oral presentation

2019 – 56th ERA-EDTA Congress, Budapesta, Ungaria

2019 – Nephrology National Congress, XI th edition Constanta, Romania

2021 – Nephrology National Congress, XII th edition, Iasi, Romania, oral presentation: Urine glycolipidomics of early diabetic kidney disease assessed by high resolution tandem mass spectrometry – a pilot study

### **Clinical Studies**

Certificat Good Clinical Practice

2016 - 2020 – Phase 3, randomized, open-label active-controlled study evaluating the efficacy and safety of oral akb-6548 for the maintenance treatment of anemia in subjects with non-dialysis-dependent chronic kidney disease (ndd-ckd) (co-investigator)

2016 - A Phase 3 Randomized, Open-label (Sponsor-blind), Active-controlled, Parallel-group, Multi-center, Event Driven Study in Non-dialysis Subjects With Anemia Associated With Chronic Kidney Disease to Evaluate the Safety and Efficacy of Daprodustat Compared to Darbepoetin Alfa (co-investigator în derulare)

2016 – 2019 Characterization of patient profile and contemporary treatment of pre-dialytic chronic kidney disease (CKD) in patients receiving a restricted protein diet supplemented with Ketosteril – a drug utilization study