



# Anca Suteanu

MD PhD

## Experiență de lucru

**Asistent Universitar, Universitatea de Medicina si Farmacie „Victor Babes Timisoara”, Departament VII: Medicina Interna II – Clinica Universitara de Nefrologie**

septembrie 2018 - Prezent

Activitate didactica

**Medic Primar Nefrologie, Spitalul Clinic Judetean de Urgența „Pius Brinzeu”, Timisoara**

decembrie 2024 - Prezent

Activitate medicala

**Medic Primar Nefrologie, Centrului de Dializa Nefrolab Lugoj, B Braun Avitum**

octombrie 2024 - Prezent

Activitate medicala

**Medic Primar Nefrologie, Policlinica Bastion, Timisoara**

octombrie 2024 - Prezent

Activitate medicala

**Medic specialist Nefrologie, Spitalul Clinic Judetean de Urgenta Timisoara (contract de garzi si voluntariat), Policlinica Bastion, Centrul de Dializa Nefrolab Lugoj**

2019 - 2024

## Educație

**Diploma de Medic Primar in specialitatea Nefrologie (OMS 4454/03.09.2024)**

septembrie 2024

**Diploma de Doctor in Medicina, Scoala Doctorala - Universitatea de Medicina si Farmacie „Victor Babes” Timisoara (Magna cum Laude)**

2016 - 2023

**Titlul:** „Identificarea și caracterizarea biomarkerilor glicosfingolipidici în urina pacienților cu boală cronică de rinichi diabetică. Studiu realizat prin metode glicomice bazate pe spectrometrie de masă de înaltă performanță cu ionizare prin nanoelectrospray”, Conducator Prof. Univ. dr. Petrica Ligia

**Absolvirea Programului Postuniversitar de Studii Psihopedagogice Nivel I + II, Departamentul pentru Pregatirea Personalului Didactic – Universitatea de Vest Timisoara**

2018 - 2019

**Diploma de Medic Specialist in specialitatea Nefrologie (OMS 1566/20.12.2018)**

decembrie 2018

## Informații Personale

[anca.simulescu@umft.ro](mailto:anca.simulescu@umft.ro)

Timisoara,

300041, Romania

Naționalitate

Romana

Permis de conducere

B

## Abilități

Competenta in ultrasonografie abdominala (mai 2021 –

Universitatea de Medicina si Farmacie “Victor Babes” Timisoara)

Abilități de comunicare obținute prin participarea la diverse

workshop-uri, abilitate de înțelegere interpersonală, integrare rapidă în colectiv nou

Abilități în diferite tehnici de

laborator (ELISA, PCR, Western Blot, Spectrometrie de masa)

Bursă de studii oferită de

Universitatea de Medicină "Johann Wolfgang Goethe", Frankfurt (iulie - august 2010) și Bursă oferită de Consulatul German (august - septembrie 2007)

## Limbi

Germana \_ C1

Engleza - B2

Franceza \_ B2

**Medic Rezident Nefrologie, Spitalul Clinic Judetean de Urgența**

**„Pius Brinzeu”, Timisoara**

2015 - 2018

Activitate medicala

**Absolvire Facultatea de Medicină Generală; susținere lucrare de diplomă , Universitatea de Medicină și Farmacie “Victor Babeș”**

**Timișoara**

2008 - 2014

**Titlul lucrării de licență „Incidența și conduita terapeutică în complicațiile supurative ale anginelor acute nespecifice”, coordodator științific Prof. Dr. Mărioara Poenaru (medie examen de licență 9,95)**

**Certificat de absolvire a liceului, Diplomă de bacalaureat , Liceul**

**Teoretic „Nikolaus Lenau”, Timișoara**

2004 - 2008

Secția Științele Naturii

Competente lingvistice

**Deutsches Sprachdiplom der Kulturministerkonferenz – Zweite Stufe, Niveaustufe C 1 (2008)**

**Atestat de Competente Profesionale – Competenta Lingvistica la Limba Germana Materna (2008)**

**Certificat de Competenta Lingvistica in Limba Engleza (Universitatea de Vest din Timisoara) - Nivel B2, Universitatea de Vest, Timisoara**

**Certificat de Competenta Lingvistica in Limba Franceza (Universitatea de Vest din Timisoara) - Nivel B2, Universitatea de Vest, Timisoara**

Afilieri în cadrul organizațiilor / societăților naționale și internaționale:

**Membru Societatea Română de Nefrologie**

2015 - Prezent

**Membru al European Dialysis and Transplant Association (ERA-EDTA)**

2016 - Prezent

**Centrul de Cercetare Moleculara in Nefrologie si Patologie Vasculara (MOL-NEFRO-VASC)**

Studii clinice

**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 (nkd-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)

**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 (DUS) (co investigator).

Articole publicate in extenso în reviste internaționale

- in calitate de prim-autor si autor cu contributii egale

**1. Suteanu-Simulescu A, Sarbu M, Ica R, Petrica L, Zamfir AD. Ganglioside analysis in body fluids by liquid-phase separation techniques hyphenated to mass spectrometry. Electrophoresis. 2023 Mar;44(5-6):501-520. doi: 10.1002/elps.202200229. (IF-2.9). <https://1210qeje-j-y-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=ELECTROPHORESIS&year=2022>**

**2. Suteanu-Simulescu A, Zamfir AD, Ica R, Sarbu M, Munteanu CVA, Gadalean F, Vlad A, Bob F, Jianu DC, Petrica L. High-Resolution Tandem Mass Spectrometry Identifies a Particular Ganglioside Pattern in Early Diabetic Kidney Disease of Type 2 Diabetes Mellitus Patients. Molecules 2022, 27(9):2679. doi: 10.3390/molecules27092679. (IF-4.6) <https://1210qelp4-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000796136700001>**

**3. Ica R, Simulescu A\*, Sarbu M, Munteanu CVA, Vukelić Ž, Zamfir AD. High resolution mass spectrometry provides novel insights into the ganglioside pattern of brain cavernous hemangioma. Anal Biochem. 2020 Nov 15;609:113976. doi: 10.1016/j.ab.2020.113976 (FI 3.365) <https://1210qeje-j-y-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=ANAL%20BIOCHEM&year=2022>**

- in calitate de co-autor

**1. Balint Lavinia, Socaciu Carmen, Socaciu Andreea Iulia, Vlad Adrian, Gadalean Florica, Bob Flaviu, Milas Oana, Cretu Octavian Marius, Suteanu-Simulescu Anca, Glavan Mihaela, Ienciu Silvia, Mogos Maria, Jianu Dragos Catalin, Ursoniu Sorin, Dumitrascu Victor, Vlad Daliborca, Popescu, Roxana, Petrica Ligia. Metabolites Potentially Derived from Gut Microbiota Associated with Podocyte, Proximal Tubule, and Renal and Cerebrovascular Endothelial Damage in Early Diabetic Kidney Disease in T2DM Patients. Metabolites 2023; 13(8): 893. DOI:10.3390/metabo13080893 (IF 4.1)**

2. Balint Lavinia, Socaciu Carmen, Socaciu Andreea Iulia, Vlad Adrian, Gadalean Florica, Bob Flaviu, Milas Oana, Cretu Octavian Marius, Suteanu-Simulescu Anca, Glavan Mihaela, Ienciu Silvia, Mogos Maria, Jianu Dragos Catalin, Petrica Ligia. Quantitative, Targeted Analysis of Gut Microbiota Derived Metabolites Provides Novel Biomarkers of Early Diabetic Kidney Disease in Type 2 Diabetes Mellitus Patients. *Biomolecules* 2023; 13(7): 1086. DOI: 10.3390/biom13071086 (IF 5.5) <https://1210qej6y-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001038046800001>

3. Mogos Maria, Socaciu Carmen, Socaciu Andreea Iulia, Vlad Adrian, Gadalean Florica, Bob Flaviu, Milas Oana, Cretu Octavian Marius, Suteanu-Simulescu Anca, Glavan Mihaela, Ienciu Silvia, Balint Lavinia, Jianu Dragos Catalin, Petrica Ligia. Metabolomic Investigation of Blood and Urinary Amino Acids and Derivatives in Patients with Type 2 Diabetes Mellitus and Early Diabetic Kidney Disease. *Biomedicine* 2023; 11(6):1527. DOI:10.3390/biomedicines11061527 (IF 4.7) <https://1210qej6y-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001016952000001>

4. Petrica Ligia, Vlad Adrian, Gadalean Florica, Muntean Danina Mirela, Vlad Daliborca, Dumitrascu Victor, Bob Flaviu, Milas Oana, Suteanu-Simulescu Anca, Glavan Mihaela, Jianu Dragos Catalin, Ursoniu Sorin, Balint Lavinia, Mogos-Stefan Maria, Ienciu, Silvia, Cretu Octavian Marius, Popescu Roxana. Mitochondrial DNA Changes in Blood and Urine Display a Specific Signature in Relation to Inflammation in Normoalbuminuric Diabetic Kidney Disease in Type 2 Diabetes Mellitus Patients. *International Journal Of Molecular Sciences* 2023; 24(12): 9803. DOI:10.3390/ijms24129803 (IF 5.6) <https://1210qeje-j-y-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=INT%20J%20MOL%20SCI&year=2022>

5. Glavan Mihaela-Roxana, Socaciu Carmen, Socaciu Andreea Iulia, Gadalean Florica, Cretu Octavian M, Vlad Adrian, Muntean Danina M, Bob Flaviu, Milas Oana, Suteanu Anca, Jianu Dragos Catalin, Stefan Maria, Balint Lavinia, Ienciu Silvia, Petrica, Ligia. Untargeted Metabolomics by Ultra-High-Performance Liquid Chromatography Coupled with Electrospray Ionization-Quadrupole-Time of Flight-Mass Spectrometry Analysis Identifies a Specific Metabolomic Profile in Patients with Early Chronic Kidney Disease. *Biomedicine* 2023; 11 ( 4 ): 1057. DOI:10.3390/biomedicines11041057 (IF 4,7) <https://1210qej6y-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000979066900001>

6. Gadalean Florica, Ciorcan Mircea, Apostol Adrian, Schiller Oana, Ivan Viviana, Petrica Ligia, Bob Flaviu, Milas Oana, Simulescu Anca, Glavan Mihaela, Parv Florina, Timar Bogdan, Timar Romulus, Schiller Adalbert. Cancer before and after the start of hemodialysis and association with mortality - an Eastern-European multicenter study. *Renal Failure* 2023; 45(1):2232046. DOI: 10.1080/0886022X.2023.2232046 (IF 3) <https://1210qeje-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=RENAL%20FAILURE&year=2022>
7. Florica Gadalean, Florina Parv, Ligia Petrica, Ioan Sporea, Bogdan Timar, Cristina Gluhovschi, Flaviu Bob, Oana Milas, Anca Simulescu, Mihaela Patruica, Lazar Chisavu, Ciorcan Mircea, Adalbert Schiller, Mirela Danila. Rapid Decline of Estimated Glomerular Filtration Rate and Its Effect on Mortality Risk of Patients with Hepatocellular Carcinoma. *Hepat Mon*. 2023;23(1):e133853. <https://doi.org/10.5812/hepatmon-133853>. (IF 0.6) <https://1210qeje-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=HEPAT%20MON&year=2022>
8. Lavinia Balint , Carmen Socaciu, Andreea Iulia Socaciu, Adrian Vlad, Florica Gadalean, Flaviu Bob, Oana Milas, Octavian Marius Cretu, Anca Suteanu-Simulescu, Mihaela Glavan, Silvia Ienciu , Maria Mogos , Dragos Catalin Jianu , Ligia Petrica. Metabolite Profiling of the GutRenal-Cerebral Axis Reveals a Particular Pattern in Early Diabetic Kidney Disease in T2DM Patients. *Int J Mol Sci* 2023;24(7):6212. doi: 10.3390/ijms24076212. (IF 5.6) <https://1210qej6y-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000969862900001>
9. Gadalean F, Parv F, Milas O, Petrica L, Ratiu I, Miutescu B, Goldis A, Gluhovschi C, Bob F, Simulescu A, Patruica M, Apostol A, Ivan V, Radu D. Acute kidney injury after endoscopic retrograde cholangiopancreatography-A hospital-based prospective observational study. *Biomedicines* 2022; 10:3166; [doi.org/10.3390/biomedicines10123166](https://doi.org/10.3390/biomedicines10123166) 10.1002/elps.202200229. (IF 4.7) <https://1210qej6y-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000900691000001>
10. Petrica L, Hogeia E, Gadalean F, Vlad A, Vlad M, Dumitrascu V, Velciov S, Gluhovschi C, Bob F, Ursoniu S, Jianu DC, Matusz P, Pusztai AM, Motoc A, Cretu OM, Radu D, Milas O, GoleaSecara A, Simulescu A, Mogos-Stefan M, Patruica M, Balint L, Ienciu S, Vlad D, Popescu R. Long noncoding RNAs may impact podocytes and proximal tubule function through modulating miRNAs expression in Early Diabetic Kidney Disease of Type 2 Diabetes Mellitus patients. *Int J Med Sci*. 2021 Mar 15;18(10): 2093-2101. doi: 10.7150/ijms.56551. eCollection 2021. PMID: 33859515. (IF-3.642) <https://1210qeje-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=INT%20J%20MED%20SCI&year=2022>

11. Alina Golea-Secara, Cristian Munteanu, Mirela Sarbu, Octavian M Cretu, Silvia Velciov, Adrian Vlad, Flaviu Bob, Florica Gadalean, Cristina Gluhovschi, Oana Milas, Anca Simulescu, Maria Mogos-Stefan, Mihaela Patruica, Ligia Petrica\*, Alina D Zamfir. Urinary proteins detected using modern proteomics intervene in early diabetic kidney disease - a pilot study. *Biomark Med* 2020; doi: 10.2217 /bmm-2020-0308. (IF 2.851) <https://1210qejej-y-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=BIOMARK%20MED&year=2022>

12. Milas Oana, Gadalean Florica , Vlad A, Dumitrascu V, Velciov Silvia, Gluhovschi Cristina, Bob F, Petrica F, Popescu Roxana, Ursoniu S, Jianu DC, Matusz P, Pusztai Agneta-Maria, Secara Alina, Simulescu Anca, Stefan Maria, Patruica Mihaela, Vlad Daliborca, Petrica Ligia. Proinflammatory 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 Diab Complic* 2020; 34: 107479 (<http://doi.org/10.1016/j.jdiacomp.2019.107479> ). (IF 2.852) <https://1210qejej-y-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=J%20DIABETES%20COMPLICAT&year=2022>

13. Petrica Ligia, Pusztai Agneta-Maria, Vlad Mihaela, Vlad A, Gadalean Florica, Dumitrascu V, Vlad Daliborca, Velciov Silvia, Gluhovschi Cristina, Bob F, Ursoniu S, Petrica M, Matusz P, Cretu O, Radu D, Milas O, Secara Alina, Simulescu Anca, Popescu Roxana & 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. *Endocrine Research*, 2019; doi: 10.1080/07435800.2019.1690505. (IF-1.72) <https://1210qejej-y-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=ENDOCR%20RES&year=2022>

14. Petrica Ligia, Milas Oana, Vlad Mihaela, Vlad Adrian, Gadalean Florica, Dumitrascu V, Velciov Silvia, Gluhovschi Cristina, Bob F, Ursoniu S, Jianu DC, Matusz P, Pusztai Agneta-Maria, Cretu O, Radu Daniela, Secara Alina, Simulescu Anca, Stefan Maria, Popescu Roxana, Vlad Daliborca. Interleukins and miRNAs intervene in the early stages of diabetic kidney disease in Type 2 diabetes mellitus patients. *Biomarkers in Medicine* 2019; 13(18):1577-1588 (<https://www.futuremedicine.com/doi/10.2217/bmm-2019-0124>). (IF-2.479) <https://1210qejej-y-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=BIOMARK%20MED&year=2022>

15. Milas Oana, Gadalean Florica, Vlad A, Dumitrascu V, Gluhovschi Cristina, Gluhovschi Gh., Velcirov Silvia, Popescu Roxana, Bob F, Matusz P, Pusttai Agneta-Maria, Cretu O.M., Secara Alina, Simulescu Anca, Ursoniu S, Vlad Daliborca, Petrica Ligia. **Deregulated profiles of urinary micro-RNAs may explain podocyte injury and proximal tubule dysfunction in normoalbuminuric patients with type 2 diabetes mellitus.** *J Investig Med* 2018; 66(4):747-754. doi: 10.1136/jim-2017-000556. (IF- 1.994) <https://1210qeje-jy-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=J%20INVEST%20MED&year=2022>

16. Petrica Ligia, Sorin Ursoniu, Florica Gadalean, Adrian Vlad, Gheorghe Gluhovschi, Victor Dumitrascu, Daliborca Vlad, Cristina Gluhovschi, Silvia Velcirov, Flaviu Bob, Petru Matusz, Oana Milas, Alina Secara, Anca Simulescu, Roxana Popescu. **Urinary podocyte-associated mRNA levels correlate with proximal tubule dysfunction in early diabetic nephropathy of type 2 diabetes mellitus.** *Diabetology and Metabolic Syndrome* 2017; 9:31-43 DOI: 10.1186/s13098-017-0228-y. (IF-2.413)

17. Vlad A, Vlad Mihaela, Petrica Ligia, Ursoniu S, Gadalean Florica, Popescu Roxana, Vlad Daliborca, Dumitrascu V, Gluhovschi Gh, Gluhovschi Cristina, Velcirov Silvia, Bob F, Matusz P, Secara Alina, Simulescu Anca, Jianu DC. **Therapy with atorvastatin versus rosuvastatin reduces urinary podocytes, podocyte-associated molecules, and proximal tubule dysfunction biomarkers in patients with Type 2 diabetes mellitus: a pilot study.** *Renal Failure* 2017; 39(1): 112-119; doi: 10.1080/0886022X.2016.1254657. (IF-1.44) <https://1210qeje-jy-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=RENAL%20FAILURE&year=2022>

#### Lucrări științifice premiate - la nivel național

1. Suteanu-Simulescu A, Zamfir AD, Ilea R, Sarbu M, Munteanu CVA, Gadalean F, Vlad A, Bob F, Jianu DC, Petrica L. **High-Resolution Tandem Mass Spectrometry Identifies a Particular Ganglioside Pattern in Early Diabetic Kidney Disease of Type 2 Diabetes Mellitus Patients.** *Molecules* 2022, 27, 2679. <https://doi.org/10.3390/molecules27092679>. **Lucrare premiată UEFISCDI (cod depunere in competiție: PN-IV-P2-2.3- PRECISI-2023- 82671).**

**2. Petrica L, Hogeia E, Gadalean F\*, Vlad A, Vlad M, Dumitrascu V, Velciov S, Gluhovschi C, Bob F, Ursoniu S, Jianu DC, Matusz P, Pustai AM, Motoc A, Cretu OM, Radu D, Milas O, Golea-Secara A, Simulescu A, Mogos-Stefan M, Patruica M, Balint L, Ienciu S, Vlad D, Popescu R. Long noncoding RNAs may impact podocytes and proximal tubule function through modulating miRNAs expression in Early Diabetic Kidney Disease of Type 2 Diabetes Mellitus patients. Int J Med Sci. 2021;18(10):2093-2101 (IF=3.738) Lucrare premiată UEFISCDI (cod depunere in competiție: PN3-P1-1.1-PRECISI-2021-64674.**

Citări

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**Clarivate's Web of Science (ISI): h-index: 8, 171 citări**