



# Anca Suteanu

Médecin Docteur en médecine

Expérience de travail

## Expérience professionnelle

### Assistant Universitaire, Université de Médecine et Pharmacie

#### „Victor Babes” de Timisoara, Timisoara

septembre 2018 - Présent

Département VII: Médecine Interne II – Clinique Universitaire de Néphrologie septembre 2018 – à présent

Activité didactique

### Médecin agrégé en Néphrologie, Hôpital Clinique Départemental d'

#### Urgence „Pius Brinzeu”, Timisoara, Timisoara

décembre 2024 - Présent

Activité médicale

### Médecin agrégé en Néphrologie , Polyclinique Bastion, Timisoara,

#### Timisoara

octobre 2024 - Présent

Activité médicale

### Médecin agrégé en Néphrologie, Centre de Dialyse Nefrolab de

#### Lugoj, B Braun Avitum, Lugoj, Lugoj

octobre 2024 - mars 2025

Activité médicale

### Medic spécialiste en Néphrologie, Hôpital Clinique Départemental

#### d' Urgence „Pius Brinzeu de Timisoara (contrat de gardes et volontariat), Polyclinique Bastion, Centre de Dialyse Nefrolab

#### Lugoj, Timisoara, Timisoara

2019 - 2024

### Médecin Interne en Néphrologie, Hôpital Clinique Départemental d'

#### Urgence „Pius Brinzeu , Timisoara

2015 - 2018

Activitate medicala

## Formation

### Docteur en Médecine, Université de Médecine et Pharmacie

#### „Victor Babes”

2016 - 2023

Magna cum Laude

Titre: „Identification et caractérisation des biomarqueurs

glicosfingolipidiques dans l'urine des patients souffrant d'une maladie chronique de reins diabétique. Etude réalisée par des méthodes

glycomiques basées sur la spectrométrie de masse de haute

performance à ionisation par nanoélectrospray”, Directeur de mémoire :

Prof. des Univ. dr. Petrica Ligia

## Informations personnelles

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

 Timisoara, Romania

Nationalité  
Romana

## Compétences

Compétence en ultrasonographie abdominale, Université de Médecine et Pharmacie "Victor Babes" mai 2021

Compétences en communication acquises par la participation à divers ateliers, capacité de compréhension interpersonnelle, intégration rapide dans une nouvelle équipe.

Compétences dans différentes techniques de laboratoire (ELISA, PCR, Western blot, spectrométrie de masse).

Bourse d'études offerte par l'Université de Médecine « Johann Wolfgang Goethe », Francfort (juillet-août 2010) et bourse offerte par le Consulat allemand (août-septembre 2007)

## Langues

Allemand

Anglais

Français

**Programme Postuniversitaire d'Etudes Psychopédagogiques**

**Niveaul I + II,, Université de l'Ouest de Timisoara**

2018 - 2019

Département pour la Préparation des Enseignants

**Faculté de Médecine Générale, Université de Médecine et Allemand**

**Anglais Français Pharmacie "Victor Babes"**

2008 - 2014

Soutenance du mémoire de diplôme

Titre du mémoire de licence: „Incidence et conduite thérapeutique dans les complications suppuratives des angines aiguës non spécifiques ",

coordinateur scientifique : Prof. des univ.Dr. Marioara Poenaru

(moyenne de l'examen de licence: 9,95)

**Certificat de fin d'études de lycée, Diplôme de baccalauréat, Lycée**

**Théorique „Nikolaus Lenau"**

2004 - 2008

Section Sciences de la Nature

**Cours**

**Compétence en échographie abdominale, Université de Médecine et de Pharmacie « Victor Babeş »**

mai 2021 - mai 2021

**Diplôme de Médecin Agrégé dans la spécialité Néphrologie**

septembre 2024 - septembre 2024

**Diplôme de Médecin Spécialiste dans la spécialité Néphrologie**

décembre 2018 - décembre 2018

**Deutsches Sprachdiplom der Kulturministerkonferenz - Zweite**

**Stufe**

2008

**Attestation de Compétence Professionnelle – Compétence**

**Linguistique de Langue Allemande Maternelle**

2008

**Certificat de Compétence Linguistique en Langue Anglaise,**

**Université de l'Ouest de Timisoara**

**Certificat de Competence Linguistique en Langue Française,**

**Universitatea de l'Ouest de Timisoara**

Affiliation dans le cadre des organisations / sociétés nationales et internationales

**Membre de Romanian Society of Nephrology**

2015 - Présent

**Membre d' European Dialysis and Transplant Association (ERA-EDTA)**

2016 - Présent

**Molecular Research Center for Nephrology and Vascular Pathology (MOL-NEFRO-VASC)**

**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 (n-dd-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).

Articles publiés in extenso dans des revues internationales

- En tant que premier auteur ou auteur principal:

1. Marcu, L.; Socaciu, C.; Socaciu, A.I.; Vlad, A.; Gadalean, F.; Bob, F.; Milas, O.; Cretu, O.M.; Suteanu, A.\*; Glavan, M.; et al. Gut-Derived Metabolomic Biomarkers as Mediators of the Inflammatory Pathway in Early Diabetic Kidney Disease. *Int. J. Mol. Sci.* **2025**, *26*, 11776. <https://doi.org/10.3390/ijms262411776>

2. 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-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=ELECTROPHORESIS&year=2022>

3. 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>

4. 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-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=ANAL%20BIOCHEM&year=2022>

- Co-auteur

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://1210qejej-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*

<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-y-https-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-y-https-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 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://1210qejej-y-https-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., Velciov Silvia, Popescu Roxana, Bob F, Matusz P, Pusztai 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://1210qejej-y-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://1210qejej-y-https-jcr-clarivate-com.z.e-nformation.ro/jcr-jp/journal-profile?journal=RENAL%20FAILURE&year=2022>

#### Ouvrages scientifiques primés au niveau national

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, Velcirov S, Gluhovschi C, Bob F, Ursoniu S, Jianu DC, Matusz P, Pusztai 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).

#### Citations

Clarivate's Web of Science (ISI): h-index: 8, 176 citări

**20th Bantao Congress, Timisoara-Romania, 11.2025**  
**Liquid-Phase Separation and Mass Spectrometry for Ganglioside Analysis in Renal Pathology**

**Conférence Européenne de Médecine de Famille „East Meets West In Family Medicine”, 2ème Edition , 12.2024**  
IgA NEPHROPATHY-Early diagnosis and challenges in management

**61th ERA Congress, Mini Oral presentation, Stockholm-Sweden, 05.2024**  
Gangliosides as biomarkers for early diagnosis of diabetic kidney disease: detection and characterization by high-performance mass spectrometry

**Congrès National de Néphrologie, 12ème édition a, Iasi – Romania, 07-09.10.2021**  
**URINE GLYCOLIPIDOMICS OF EARLY DIABETIC KIDNEY DISEASE ASSESSED BY HIGH RESOLUTION TANDEM MASS SPECTROMETRY - A PILOT STUDY**

**Smart Diaspora, Timisoara – Romania, 04.2023**

**59th ERA Congress, Mini Oral presentation, Paris-France, 05.2022**