NITUSCĂ DIANA-GABRIELA

 EXPERIEN**Ț**A PROFESIONAL**Ă**

1 FEB 23 – ÎN CURS Timisoara, România

# FARMACIST REZIDENT - FARMACIE CLINIC**Ă** SPITALUL CLINIC JUDEŢEAN DE URGENŢĂ "PIUS BRÎNZEU" TIMIŞOARA

1 SEP 21 – ÎN CURS Timişoara, România

# ASISTENT UNIVERSITAR UNIVERSITATEA DE MEDICINĂ ŞI FARMACIE "VICTOR BABEŞ", TIMIŞOARA

1 FEB 20 – 31 IAN 23 Timisoara, România

# FARMACIST REZIDENT - LABORATOR FARMACEUTIC SPITALUL CLINIC JUDEŢEAN DE URGENŢĂ "PIUS BRÎNZEU" TIMIŞOARA

11 OCT 17 – 17 MAI 19 Timisoara, România

# VOLUNTARIAT ÎN ACTIVITATEA DE DEZVOLTARE ACADEMIC**Ă** (VADA) - BIOCHIMIE

UNIVERSITATEA DE MEDICINĂ ŞI FARMACIE "VICTOR BABEŞ", TIMIŞOARA, DISCIPLINA BIOCHIMIE

 EDUCA**Ț**IE **Ș**I FORMARE PROFESIONAL**Ă**

1 OCT 19 – ÎN CURS Timişoara, România

# STUDENT DOCTORAND ÎN MEDICIN**Ă** - DISCIPLINA BIOCHIMIE Universitatea de Medicină şi Farmacie "Victor Babeş", Timişoara, Facultatea de Medicină

Adres**ă** Piaţa Eftimie Murgu, Nr. 2, 300041, Timişoara, România 15 SEP 14 – 9 SEP 19 Timişoara, România

# LICEN**Ţ**IAT ÎN FARMACIE Universitatea de Medicină şi Farmacie "Victor Babeş", Timişoara, Facultatea de Farmacie

15 SEP 10 – 15 IUN 14 Timişoara, România

# DIPLOM**Ă** DE BACALAUREAT Colegiul Naţional "Constantin Diaconovici Loga"

Profil matematică-informatică

 INFORMA**Ț**II SUPLIMENTARE CONFERIN**Ț**E **Ș**I SEMINARE

Conferin**ț**e Participarea la Congresul Naţional al Studenţilor Farmacişti, Ediţia a XV-a, 5-9 Aprilie 2017, Bucureşti

Conferin**ț**e Participarea la Gala Studenţilor Farmacişti din România, Ediţia a VI-a, 3-6 Decembrie 2015, Timişoara, cu tema *"Relaţia farmacist - pacient. Automedicaţia şi eşecul terapeutic."*

Conferin**ț**e Participarea la Gala Studenţilor Farmacişti din România, Ediţia a V-a, 4-7 Decembrie 2014, Oradea, cu tema *"Perspective şi provocări în domeniul farmaceutic"*

PROIECTE

1 MAI 22 – ÎN CURS

Evaluarea performantei clinice si histopatologice a unui panel de micro ARN ca biomarkeri in cancerul de prostata (PN-III-P2-2.1-PED-2021-1171) Evaluarea expresiei unui panel de microARN (miARN) în probele circulante (plasmă şi urină) şi de biopsie tisulară ale pacienţilor cu cancer de prostată utilizând reacţia polimerizarii in lant în timp real (qRT-PCR); corelarea expresiei genelor din toate probele biologice între ele cu scorul Gleason; analiza statistică folosind instrumente parametrice şi neparametrice pentru a stabili potenţialul de biomarker al acestui panel de miARN.

22 DEC 21 – 22 DEC 22

Analiza pro**fi**lului metabolomic prin cromatogra**fi**e lichid**ă** de înalt**ă** performan**ță** cuplat**ă** cu spectrometrie de mas**ă** în vederea identi**fi**c**ă**rii de noi biomarkeri de diagnostic pentru cancerul de prostat**ă** (25332/22.12.2021) Scop: Analiza profilului metabolomic în probe biologice circulante provenite de la pacienţi cu cancer de prostată şi de la controli sănătoşi, prin tehnica cromatografiei lichide de (ultra)înaltǎ performanţǎ (UHPLC) cuplată cu spectrometrie de masă (MS) cu ionizare cu electrospray (EŞI), pentru evaluarea potenţialului de diagnostic şi prognostic al metaboliţilor diferenţial exprimaţi, care să vină în completarea strategiilor de diagnostic folosite actualmente pentru cancerul de prostată.

CERTIFIC**Ă**RI

Certi**fi**c**ă**ri

Participarea la *"1st International Summer School of Medical Plant Pharmaco-Toxicology",* Universitatea de Medicină şi Farmacie "Victor Babeş", Timişoara, 2-13 Iulie 2018

Prezentare orală din cadrul cercului ştiinţific de Biochimie, lucrarea intitulată "*CYP2D6 genotyping using the*

*RFLP PCR method"*

PUBLICA**Ț**II

23

The First Identi**fi**cation of Trichinella britovi in the Raccoon Dog (Nyctereutes procyonoides) in Romania

Marin AM, Popovici DC, Dărăbuş G, Marian C, Ni**ț**u**ș**c**ă** D, Mederle N. The First Identification of *Trichinella britovi* in the Raccoon Dog (*Nyctereutes procyonoides)* in Romania. Pathogens. 2023 Sep 5;12(9):1132. doi: 10.3390/pathogens12091132.

23

Plasma miR-195-5p predicts the severity of Covid-19 in hospitalized patients

Moatar AI, Chis AR, Romanescu M, Ciordas PD, Nitusca D, Marian C, Oancea C, Sirbu IO. Plasma

miR-195-5p predicts the severity of Covid-19 in hospitalized patients. Sci Rep. 2023 Aug 23;13(1):13806. doi: 10.1038/s41598-023-40754-w.

23

Potential Diagnostic Biomarker Detection for Prostate Cancer Using Untargeted and Targeted Metabolomic Pro**fi**ling

Nitusca D, Socaciu C, Socaciu AI, Sirbu IO, Bardan R, Cumpanas AA, Seclaman E, Marian C. Potential Diagnostic Biomarker Detection for Prostate Cancer Using Untargeted and Targeted Metabolomic Profiling. Curr Issues Mol Biol. 2023 Jun 8;45(6):5036-5051. doi: 10.3390/cimb45060320.

22

Osteoarthritis and microRNAs: Do They Provide Novel Insights into the Pathophysiology of This Degenerative Disorder?

Iulian Stanciugelu S, Homorogan C, Selaru C, Patrascu JM, Patrascu JM Jr, Stoica R, Nitusca D, Marian C. Osteoarthritis and microRNAs: Do They Provide Novel Insights into the Pathophysiology of This Degenerative Disorder? Life (Basel). 2022 Nov 17;12(11):1914. doi: 10.3390/life12111914.

22

Mannose-binding lectin 2 gene polymorphisms and predisposition to allergic bronchial asthma in a western Romanian children population: an observational study

Borta SM, Donath-Miklos I, Popetiu R, Nica DV, Nitusca D, Crisan A, Marian C, Puschita M. Mannose-binding lectin 2 gene polymorphisms and predisposition to allergic bronchial asthma in a western Romanian

children population: an observational study. J Int Med Res. 2022 Jul;50(7):3000605221109389. doi: 10.1177/03000605221109389.

22

Metabolomic Analysis of Plasma from Breast Cancer Patients Using Ultra-High-Performance Liquid Chromatography Coupled with Mass Spectrometry: An Untargeted Study

Da Cunha PA, Nitusca D, Canto LMD, Varghese RS, Ressom HW, Willey S, Marian C, Haddad BR. Metabolomic Analysis of Plasma from Breast Cancer Patients Using Ultra-High-Performance Liquid Chromatography Coupled with Mass Spectrometry: An Untargeted Study. Metabolites. 2022 May 17;12(5):

447. doi: 10.3390/metabo12050447.

22

Diagnostic Value of microRNA-375 as Future Biomarker for Prostate Cancer Detection: A Meta- Analysis

Nitusca D, Marcu A, Seclaman E, Bardan R, Sirbu IO, Balacescu O, Bucur AI, Ursoniu S, Marian C. Diagnostic Value of microRNA-375 as Future Biomarker for Prostate Cancer Detection: A Meta-Analysis. Medicina (Kaunas). 2022 Apr 10;58(4):529. doi: 10.3390/medicina58040529. PRIM AUTOR

22

Adiponectin in Osteoarthritis: Pathophysiology, Relationship with Obesity and Presumptive Diagnostic Biomarker Potential

Ilia I, Nitusca D, Marian C. Adiponectin in Osteoarthritis: Pathophysiology, Relationship with Obesity and Presumptive Diagnostic Biomarker Potential. Diagnostics (Basel). 2022 Feb 10;12(2):455. doi: 10.3390/ diagnostics12020455.

21

Body Mass Index In**fl**uence for the Personalization of the Monoclonal Antibodies Therapy for Psoriasis

Anghel F, Nitusca D, Cristodor P. Body Mass Index Influence for the Personalization of the Monoclonal Antibodies Therapy for Psoriasis. Life (Basel). 2021 Nov 29;11(12):1316. doi: 10.3390/life11121316.

21

Uncovering the Roles of MicroRNAs in Major Depressive Disorder: From Candidate Diagnostic Biomarkers to Treatment Response Indicators

Homorogan C, Nitusca D, Seclaman E, Enatescu V, Marian C. Uncovering the Roles of MicroRNAs in Major Depressive Disorder: From Candidate Diagnostic Biomarkers to Treatment Response Indicators. Life (Basel). 2021 Oct 11;11(10):1073. doi: 10.3390/life11101073.

21

Untargeted Plasma Metabolomic Pro**fi**ling in Patients with Major Depressive Disorder Using Ultra- High Performance Liquid Chromatography Coupled with Mass Spectrometry

Homorogan, C., Nitusca, D., Enatescu, V., Schubart, P., Moraru, C., Socaciu, C., & Marian, C. (2021). Untargeted Plasma Metabolomic Profiling in Patients with Major Depressive Disorder Using Ultra-High Performance Liquid Chromatography Coupled with Mass Spectrometry. Metabolites, 11(7), 466. PRIM AUTOR (contributii egale)

21

Distribution of microRNAs associated with major depressive disorder among blood compartments

Homorogan C, Enatescu VR, Nitusca D, Marcu A, Seclaman E, Marian C. Distribution of microRNAs associated with major depressive disorder among blood compartments. J Int Med Res. 2021;49(4): 3000605211006633. doi: 10.1177/03000605211006633.

21

Long Non-Coding RNA Expression in Laser Micro-Dissected Luminal A and Triple Negative Breast Cancer Tissue Samples-A Pilot Study

Marcu A, Nitusca D, Vaduva A, Baderca F, Cireap N, Coricovac D, Dehelean CA, Seclaman E, Ilina R, Marian

C. Long Non-Coding RNA Expression in Laser Micro-Dissected Luminal A and Triple Negative Breast Cancer Tissue Samples-A Pilot Study. Medicina (Kaunas). 2021;57(4):371. doi: 10.3390/medicina57040371.

21

Long Noncoding RNA NEAT1 as a Potential Candidate Biomarker for Prostate Cancer

Nitusca D, Marcu A, Dema A, Balacescu L, Balacescu O, Bardan R, Cumpanas AA, Sirbu IO, Petrut B, Seclaman E, Marian C. Long Noncoding RNA NEAT1 as a Potential Candidate Biomarker for Prostate Cancer. Life (Basel). 2021;11(4):320. doi: 10.3390/life11040320. PRIM AUTOR

19

Biomarker Potential of Plasma MicroRNA-150-5p in Prostate Cancer

Paunescu IA, Bardan R, Marcu A, Nitusca D, Dema A, Negru S, Balacescu O, Balacescu L, Cumpanas A, Sirbu IO, Petrut B, Seclaman E, Marian C. Biomarker Potential of Plasma MicroRNA-150-5p in Prostate Cancer.

Medicina (Kaunas). 2019;55(9):564. doi: 10.3390/medicina55090564.