

**PERSONAL INFORMATION**



**PRODAN BĂRBULESCU CĂTĂLIN FLAVIUS**

**catalin.prodan-barbulescu@umft.ro**

**Sex Male | Date of birth 29/12/1995 | Nationality Romanian**

**JOB APPLIED FOR**

**WORK EXPERIENCE**

**December 2021 - Present**  
 Qualification / diploma obtained  
 Main subjects studied /  
 Acquired professional skills  
 Name and type of institution  
 Education / training provider

**Resident Physician**  
 General Surgery Timisoara

II General Surgery Clinic "Pius Brinzeu" County Emergency  
 Clinical Hospital Timisoara

**October 2021 - Present**  
 Qualification / diploma obtained  
 Main subjects studied /  
 Acquired professional skills  
 Name and type of institution  
 Education / training provider

**Associated teaching staff**

Departament I – Anatomy and Embriology- Anatomy and Embriology Discipin  
 Victor Babes University of Medicine and Pharmacy Timisoara – Faculty of General Medicine

**October 2021 - Present**  
 Qualification / diploma obtained  
 Main subjects studied /  
 Acquired professional skills  
 Name and type of institution  
 Education / training provider

**Ph D – Student**

Department IV - Biochemistry and Farmacology – Biochemistry Discipline -Research activity  
 Victor Babes University of Medicine and Pharmacy Timisoara – Faculty of General Medicine

**July 2021 – Present**  
 Qualification / diploma obtained  
 Main subjects studied / Acquired  
 professional skills  
 Name and type of institution  
 Education / training provider

**Doctor**

General Medicine

Victor Babes University of Medicine and Pharmacy Timisoara – Faculty of General Medicine

<p><b>December 2020 – April 2021</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Volunteer – COVID 19</b></p> <p>Unfallkrankenhaus Casa Austria – Secția Anestezie și Terapie Intensivă COVID 19 Pius Brinzeu" County Emergency Clinical Hospital Timisoara Timis County Emergency situations Inspectorate "BANAT" Victor Babes University of Medicine and Pharmacy Timisoara – Faculty of General Medicine</p>
<p><b>October 2017 – 2021</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Volunteer in academic development (VPA)</b></p> <p>Teaching activity - Anatomy discipline and Embryology UMF Timișoara Supporting the practical work with the first and second year students</p> <p>Faculty of General Medicine, Dental, Balneophysiokinetotherapy and generalized medical care. University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>January 2020 – Present</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Member of the Student Society of Surgery in Romania</b></p> <p>Teaching activity Organization of conferences</p> <p>University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>March 2017 – 2020</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Member of the Anatomy Scientific circle</b></p> <p>Teaching activity Organization of conferences</p> <p>University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>2017 – 2019</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>UPU-SMURD volunteer Emergency medicine</b></p> <p>Anamnesis, objective exam, patient consultation, ECG performance and interpretation, biological sample collection, active participation in diagnosis, and papacy therapeutic management. County Emergency clinical Hospital 'Pius Brinzeu' Timișoara — UPU-SMURD University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>February 2019</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Voluntary activity – Organizer</b></p> <p>"Donate blood, save a life" campaign – Salaz Commune Regional Blood Transfusion Center Timisoara</p> <p>University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>July 2018</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Volunteer</b></p> <p>Medical Semiology Anamnesis, objective exam, patient consultation, performing and interpreting electrocardiogram, interpretation of chest X-rays, ecocardiography and cardiovascular stress test results. Timișoara Municipal Emergency Clinical Hospital – Internal Medicine Section University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>

<p><b>July 2017 – August 2017</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Volunteer</b></p> <p>Anamnesis, objective exam, patient consultation, ECG interpretation and ecocardiography interpretation.</p> <p>County Emergency clinical Hospital " Pius Brinzeu" Timișoara, pediatric cardiology department</p>
<p><b>March 2017 – May 2017</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Volunteering</b></p> <p>Research activity Cell and molecular Biology discipline, Department II – microscopic morphology University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>March 2017 – May 2017</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Volunteer „small sanitars” within the society of Medicine students in Timisoara</b></p> <p>Teaching activity School with classes I To VIII No 16 Timișoara</p> <p>Student society in Timisoara Medicine University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>July 2016 – August 2016</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Volunteering</b></p> <p>Anamnesis, objective exam, patient consultation, active participation in patient therapy management.</p> <p>The Emergency clinical Hospital for children " Louis Turcanu", surgery Department for the Ortopedy University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>2015 – 2016</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Member of the Student circle of Neurosurgery</b></p> <p>Participation in theoretical courses and case presentations.</p> <p>The Emergency County Clinical Hospital "Pius Brinzeu" Timișoara University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine</p>
<p><b>2015 – present</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Member of the Folkloric Assembly "Sorocul din Beregsău" Artistic Director Choreographer I</b></p> <p>Instrumentation</p> <p>Cultural Association 'Beregsau 700' The town Council of Salacaz Cultural</p>
<p><b>2018 – present</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Member of the "Cununa" Salacaz Folkloric Assembly</b></p> <p>Artistic Director; Choreographer</p> <p>Town hall of Salacaz Cultural</p>

<p><b>2010 – 2013</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Member of the Timișoara Folkloric “Pusta Banatului” assembly</b></p> <p>Dancer; Instrumentation</p> <p>Cultural - artistic activities</p>
<p><b>2010 – 2011</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Member of the ‘Alegria’ Sports Dance Club Timișoara</b></p> <p>Dancer Sports dances</p>
<p><b>2006 – present</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Member of the Folk “Timișul” assembly of the Timișoara</b></p> <p>Dancer; Instrumentation</p> <p>The culture house of the city of Timisoara Cultural</p>
<p><b>EDUCATION AND TRAINING</b></p>	
<p><b>2021- present</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>PhD</b></p> <p>Department IV Biochemistry and Pharmacology, Biochemistry discipline, General Medicine</p> <p>University of Medicine and Pharmacy "Victor Babes" Timișoara, The Faculty of General Medicine</p>
<p><b>2015 – 2021</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Doctor – Physician</b></p> <p>General medical practice License work entitled “<i>Multimodal treatment of gastric cancer</i>”</p> <p>University of Medicine and Pharmacy Victor Babes Timisoara Faculty of Medicine in general</p>
<p><b>2011-2015</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p>	<p><b>Baccalaureat Diploma</b></p> <p>Real profile, Specialized Nature Sciences</p> <p>National College “C.D Loga” Timișoara</p>

<p><b>2004-2011</b></p> <p>Qualification / diploma obtained Main subjects studied / Acquired professional skills Name and type of institution Education / training provider</p> <p><b>PERSONAL SKILLS</b></p> <p><b>Mother tongue(s)</b></p> <p><b>Other language(s)</b></p>	<p><b>Diploma – national assessment</b></p> <p>General School with grades I To VIII No. 19 “Avram Iancu” Timișoara</p> <p><b>Romanian</b></p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th>UNDERSTANDING</th> <th colspan="2">SPEAKING</th> <th>WRITING</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> </tr> </thead> <tbody> <tr> <td><b>English</b></td> <td>B2 Independent user</td> <td>B2 Independent user</td> <td>B2 Independent user</td> <td>B2 Independent user</td> </tr> <tr> <td><b>Deutsch</b></td> <td>B2 Independent user</td> <td>B2 Independent user</td> <td>B2 Independent user</td> <td>B2 Independent user</td> </tr> </tbody> </table> <p><b>Communication skills</b></p> <p>Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages Team spirit a good capacity to adapt to new environments and situations a good communication capability</p> <p><b>Organisational / managerial skills</b></p> <p>Artistic Director of Folkloric Assembly "Sorocul din Beregsău"</p> <p><b>Job-related skills</b></p> <p>Scientific and teaching activity - Anatomy and Embriology Discipline of University of Medicine and Pharmacy "Victor Babes" Timișoara, Faculty of General Medicine TTimisoara</p> <p><b>Computer skills</b></p> <p>A good command of Microsoft Office tools Certificate of digital competence</p> <p><b>Other skills</b></p> <p>Good skills in promoting and organizing cultural-artistic events, acquired as a result of the work carried out in several folk ensembles as a dancer, instrumental and subsequent choreraf instructor.</p> <p><b>Driving licence</b></p> <p>B Category</p>		UNDERSTANDING	SPEAKING		WRITING	Listening	Reading	Spoken interaction	Spoken production	<b>English</b>	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	<b>Deutsch</b>	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user
	UNDERSTANDING		SPEAKING		WRITING															
	Listening	Reading	Spoken interaction	Spoken production																
<b>English</b>	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user																
<b>Deutsch</b>	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user																

**ADDITIONAL INFORMATION**

**Participation in conferences and congresses**

1. Certificate of membership - Neurosurgery student circle - 2015-2016
2. Degree of participation - Anatomy Olympics - Anatomy discipline and Embryology University of Medicine and Pharmacy "Victor Babes" Timisoara, Faculty of General Medicine – 24.11.2016
3. Diploma of participation – national educational project „the little sanitary” student society in Timisoara - University of Medicine and Pharmacy „Victor Babes” Timisoara, Faculty of Medicine General 6 March 2017 – 7 May 2017
4. Degree of participation - International Congress for students and young doctors 'MADIS TIMISOARA 2017' - March 2017
5. Degree of merit „Student of the year at Anatomie” - discipline of Anatomy and Embryology University of Medicine and Pharmacy "Victor Babes" Timisoara, Faculty of General Medicine – 2016-2017
6. Letter of Recommendation – Conf. Univ. Dr. Horia Prundeanu - Discipline of Anatomy and Embryology - University of Medicine and Pharmacy "Victor Babes" Timisoara, Faculty of General Medicine – 2017
7. Diploma of participation - intensive Neuroanatomy course the a-III Publishing House March 2017 - May 2017
8. Diploma of participation - Consul of international fate for students and young doctors "MEDIS TIMISOARA 2018" - March 2018
9. Degree of appreciation - Conference "SMALL TALK ABOUT THE FEMALE REPRODUCTIVE SYSTEM" - March 2018
10. Certificate of participation - HEART Conference (Health, Education and Research discussion) Timisoara – PolitehnuMA - April 2018
11. Certificate of participation - HEART Conference (Health, Education and Research discussion) Timisoara – "CRASHCOURSE ADVANCED SUPPORT FOR HEART LIFE" - April 2018
12. Certificate of attendance – "KNOT AND SUTURES" Editia 36 - Romanian student Chirurgia society – February 2019
13. Certificate of attendance - International Congress for students and young doctors 'MADIS TIMISOARA 2019' – March 2019
14. Certificate of assessment - HEART (healthcare, Education and Research talk) Conference Timisoara – ONCOLOGIC – April 2019
15. Certificate of attendance – "BASIC SKILLS IN INTERVENTIONAL RADIOLOGY" Publishing House 4 - Romanian student Chirurgia society – November 2019
16. Certificate of attendance — 'INTRODUCTION to ROBOTIC INSURANCE' The Romanian students' society of surgery – November 2019
17. Certificate of participation — Symposion 'Timisorene Anatomy days' — Edition I, with international participation — December 2019
18. Certificate of attendance - International Congress for students and young doctors 'MADIS TIMISOARA 2020' – October 2020
19. Certificate — Scientific Communication session (SCS) 'BARIATRIC SURGERY' Romanian student Chirurgia society – October 2020
20. Degree of participation – Diabet and Food Conference Student society in Timisoara Medicine – November 2020
21. Certificat of attendance – C19\_SPACE SELF-LEARNING accredited by the European Accreditation Council for Continuing Medical Education (EACCME®), and EBAC Medicine (European Board for Accreditation in Cardiology) for inter-professional Continuing Education
- 17 European CME Credits – Noiembrie 2020 – Februarie 2021
22. Certificat of attendance – „WEBINAR WOUND MANAGEMENT IN THE 21ST CENTURY” Student society in Timisoara Medicine – March 2021
23. Volunteer diploma – COVID 19 University of Medicine and Pharmacy "Victor Babes" Timisoara, Faculty of Medicine General – June 2021
24. Honorary diploma – volunteer in pandemic - COVID 19 Timis County Council – June 2021
25. Certificate of graduation - University of Medicine and Pharmacy "Victor Babes" Timisoara, Faculty of Medicine – July 2021
26. Certificate of participation – National Symposium "Vascular resections in marginal and locally advanced

- cephalo-pancreatic adenocarcinoma (borderline) – May 2022
27. Certificate of Participation – The XI-th National Congress of the Romanian Association of Endoscopic Surgery – September 2022
28. Certificate of membership - EUROPEAN ASSOCIATION FOR ENDOSCOPIC SURGERY and other interventional techniques – September 2022
29. Certificate of Membership - Romanian Association of Endoscopic Surgery – September 2022
30. Certificate of participation – Romanian Hernia Days – October 2022
31. Certificate of participation - "Basic Skills in Laparoscopic Surgery", organized under the aegis of ARCE and endorsed by EAES, held within the Surgical Training Institute - January 30th - February 1st
32. Certificate of participation - "Minimally Invasive Techniques for Colorectal Pathology," organized under the aegis of ARCE and endorsed by EAES, held within the Surgical Training Institute – April 5-7 th.
33. Certificate of Participation - 31st EAES International Congress | Rome, Italy - 23 June 2023
34. THE IMPLICATION OF YOUNG SURGEONS IN A DEVELOPMENT PROGRAMME FOR COLORECTAL SURGERY - E-POSTER - 31st EAES International Congress | Rome, Italy - 23 June 2023
35. Participation with E-POSTER with the title "Training and Learning curves in Robotic Hepatobiliopancreatic surgery using a biotissue model: from simulation to mastery - "SEE ONE, DO ONE, TEACH ONE." at the XII National Congress of the Romanian Association for Endoscopic Surgery, 31 October - 03 November, 2023, Bucharest - Romania.
36. Participation with E-POSTER with the title "Feasibility and Safety of minimally invasive technology for interval cytoreductive surgery during advanced ovarian cancer after neoadjuvant chemotherapy. A systematic review. " at the XII National Congress of the Romanian Association for Endoscopic Surgery, 31 October - 03 November, 2023, Bucharest - Romania.
37. Participation in the Enformation online conference "Access to scientific literature and open access publishing - ANELIS PLUS 2023-2025" - 26-27 October 2023.
38. Active participation in the scientific communication session of the Days of the University of Medicine and Pharmacy "Victor Babeș" Timisoara with the paper entitled: "A rare anatomical variant - TETRAFURCATION OF THE CELIAC TRUNK"- 4 November 2023.
39. Online participation in the Romanian Conference for Education and Research - 7-8-9 November 2023.
40. On-site participation at the National Congress of Surgery CNC 2024 - June 12-15, 2024 - Sinaia
41. Active participation at the course "Initiation in Social Dialogue" Project UNI.ON CNSLR Frația - September 25-27, Sinaia
42. Active participation with the paper "Morphological Variations of the Trunks, Divisions and Cords of the Brachial Plexus" at the "Zilele Morfologiei Timișorene" at the University of Medicine and Pharmacy "Victor Babeș" Timișoara - October 10-12, 2024
43. Active participation with the paper "Morphological Variations of the Trunks, Divisions and Cords of the Brachial Plexus" at the "Zilele Morfologiei Timișorene" at the University of Medicine and Pharmacy "Victor Babeș" Timișoara - October 10-12, 2024
44. Scientific contribution to the paper "ARTERIO-VEINOSUS FISTULA SUPERFICIALIZATION - SECOND INTERVENTION TO SUCCESS" at the "Zilele Morfologiei Timișorene" at the University of Medicine and Pharmacy "Victor Babeș" Timișoara - 10-12 October 2024
45. Scientific contribution to the paper "Synchronous Lesions of the Thyroid Gland" at the "Zilele Morfologiei Timișorene" at the University of Medicine and Pharmacy "Victor Babeș" Timișoara - October 10-12, 2024
46. Scientific contribution to the paper "MORPHOLOGICAL VARIATIONS OF FOSSA OVALIS AND THE PERSISTENTS OF THE PATENT FORAMEN FORAMEN OVALE" at the "Zilele Morfologiei Timișorene" at the University of Medicine and Pharmacy "Victor Babeș" Timișoara - October 10-12, 2024
47. Scientific contribution to the paper "A Case of Venous Malformation in Parotid Gland" at the "Zilele Morfologiei Timișorene" at the University of Medicine and Pharmacy "Victor Babeș" Timișoara - October 10-12, 2024
48. On-site participation at ALSGBI Slough, London - Laparoscopic Surgery Training Day - 2025 ALSGBI ASM October 30-31, 2025

## Publications

1. **Prodan Barbulescu CF<sup>1 2</sup>**, Faur IF<sup>1 2</sup>, Dobrescu A<sup>1 2</sup>, Verdes G<sup>1 2</sup>, Brincoveanu<sup>2</sup>, Stoica L<sup>2</sup>, Fulger OL<sup>1 2</sup> and Duta CC<sup>1 2</sup>, **Tratamentul multimodal al cancerului gastric-** 2021<sup>1</sup> Clinica II de Chirurgie Spitalul Clinic Județean de Urgență "Pius Brînzeu, Timișoara, România<sup>2</sup> UMF Victor Babeș Timișoara, România
2. Ionuț Faur<sup>1 2</sup>, Amadeus Dobrescu<sup>1 2</sup>, Laurian Stoica<sup>1 2</sup>, Alexandru Isaic<sup>1 2</sup>, Ionel Nati<sup>3 4</sup>, Cristi Tarță<sup>1 2</sup>, **Prodan Cătălin<sup>2</sup>**, Duță Ciprian<sup>1 2</sup>, Fulger Lazăr<sup>1 2</sup> **Particularități în cazul pacienților obeze respectiv non-obeze care beneficiază de histerectomie totală prin abord laparoscopic (TLH)**– Revista Societății Române de Chirurgie - Iulie 2021<sup>1</sup> Clinica II de Chirurgie Spitalul Clinic Județean de Urgență "Pius Brînzeu, Timișoara, România<sup>2</sup> UMF Victor Babeș Timișoara, România<sup>3</sup> Clinica II de Obstetrică și Ginecologie "Dominic Stanca", Cluj-Napoca, România<sup>4</sup> UMF "Iuliu Hațieganu" Cluj-Napoca, România  
(Google Scholar: <https://scholar.google.com/citations?user=AjdW4jgAAAAJ&hl=ro>)
3. Faur FI, Clim IA, Dobrescu A, Isaic A, **Prodan C**, Florea S, Tarta C, Totolici B, Duță C, Pasca P, Lazar G. **Utilizarea analgeziei locale pentru gestionarea durerii postoperatorii post-mastectomii pentru neoplasm mamar: Un studiu clinic randomizat.** Biomedicines. 2023; 11(4):1195. <https://doi.org/10.3390/biomedicines11041195>
4. Flaviu Ionuț Faur, Ioana Adelina Clim, Paul Pasca, **Catalin Prodan**, Ionel Nati, Amadeus Dobrescu, Sabrina Florea, Mihai Rosu, Bogdan Totolici, Ciprian Duta, Gabriel Lazar – **Low Cost and Reproducible Method to Obtain Mapping of Lymphatic Drainage in Patient with Early Endometrial Cancer -** DOI: [10.21614/chirurgia.2837](https://doi.org/10.21614/chirurgia.2837)
5. Ionel Nati<sup>2 5</sup> Gabriel Lazar<sup>1 2</sup> Flaviu Ionuț Faur<sup>1 3</sup>, Paula Suciuc<sup>5</sup>, **Catalin Flavius Prodan-Barbulescu<sup>3 4</sup>**, Adelina Clim<sup>5</sup> - **Modified Martius Flap for repair of a prostradiation Rectovaginal Fistula (RVF). A case report.**- International Journal of Clinical Case Reports and Reviews DOI:10.31579/2690-4861/251
6. Ionuț Flaviu Faur, Amadeus Dobrescu, Adelina Clim, Paul Pasca, **Catalin Prodan Barbulescu**, Bogdan Daniel Gherle, Cristi Tarta, Alexandru Isaic, Dan Brebu, Ciprian Duta, Bogdan Totolici, Gabriel Lazar. – **The value of tumor infiltrating lymphocytes (TIL) for prediction of response to neoadjuvant chemotherapy (NAC) in breast cancer according to the molecular subtype.** Biomedicines (ISSN 2227-9059) on 01 November 2023
7. Faur, Ionuț Flaviu, Adelina Clim, Amadeus Dobrescu, **Catalin Prodan**, Rami Hajjar, Paul Pasca, Marco Capitanio, Cristi Tarta, Alexandru Isaic, George Noditi, and et al. 2023. "**VRAM Flap for Pelvic Floor Reconstruction after Pelvic Exenteration and Abdominoperineal Excision**" Journal of Personalized Medicine 13, no. 12: 1711. <https://doi.org/10.3390/jpm13121711>
8. **Prodan-Barbulescu Catalin**, Luca Castiglione, Sonia Roxana Burtic, Marius Murariu, Shruta Reddy, Ovidiu Rosca, Felix Bratosin, Camelia Melania Fizedean, Pavel Krupyshev, and Ileana Enatescu. 2024. "**Longitudinal Assessment of Facial Hyperhidrosis Management: Evaluating the Utility and Quality of Life Improvements following Botulinum Toxin Injection**" Toxins 16, no. 1: 59. <https://doi.org/10.3390/toxins16010059>
9. **Prodan-Bărbulescu, C.**; Watz, C.-G.; Moacă, E.-A.; Faur, A.-C.; Dehelean, C.-A.; Faur, F.I.; Grigoriță, L.O.; Maghiari, A.L.; Tuțac, P.; Duță, C.; et al. "**A Preliminary Report Regarding the Morphological Changes of Nano-Enabled Pharmaceutical Formulation on Human Lung Carcinoma Monolayer and 3D Bronchial Microtissue**". Medicina 2024, 60, 208. <https://doi.org/10.3390/medicina60020208>
10. Rosu, L.M.; **Prodan-Bărbulescu, C.**; Maghiari, A.L.; Bernad, E.S.; Bernad, R.L.; Iacob, R.; Stoicescu, E.R.; Borozan, F.; Ghenciu, L.A. **Current Trends in**

- Diagnosis and Treatment Approach of Diabetic Retinopathy during Pregnancy: A Narrative Review.** *Diagnostics* 2024, 14, 369. <https://doi.org/10.3390/diagnostics14040369>
11. **Prodan-Bărbulescu, C.**, Alin, C. D., Faur, I. F., Bujor, G. C., Şeclăman, E. P., Enătescu, V., Dănilă, A. -I., Dăescu, E., Hajjar, R., Ghenciu, L. A., Tuţac, P., Paşca, P., Cimpean, A. M., & Duta, C. (2024). **Identification of Specific Plasma miRNAs as Potential Biomarkers for Major Depressive Disorder.** *Biomedicines*, 12(10), 2165. <https://doi.org/10.3390/biomedicines12102165>
  12. **Prodan-Bărbulescu, Cătălin**, Edward Paul Şeclăman, Virgil Enătescu, Ionuţ Flaviu Faur, Laura Andreea Ghenciu, Paul Tuţac, Paul Paşca, and Laura Octavia Grigoriţă. 2024. **"Evaluating the Connection between MicroRNAs and Long Non-Coding RNAs for the Establishment of the Major Depressive Disorder Diagnosis"** *Biomedicines* 12, no. 3: 516. <https://doi.org/10.3390/biomedicines12030516>
  13. **Prodan-Bărbulescu, Cătălin**, Laura Andreea Ghenciu, Edward Şeclăman, Georgeta Cristiana Bujor, Virgil Enătescu, Alexandra-Ioana Danila, Ecaterina Dăescu, Luminioara Maria Rosu, Ionuţ Flaviu Faur, Paul Tuţac, and et al. 2024. **"Exploring miRNA Biomarkers in Major Depressive Disorder: A Molecular Medicine Perspective"** *Current Issues in Molecular Biology* 46, no. 10: 10846-10853. <https://doi.org/10.3390/cimb46100644>
  14. Brebu, Dan, **Cătălin Prodan-Bărbulescu**, Vlad Braicu, Paul Paşca, George Borcean, Sabrina Florea, Clarisa Bîrlig, Amadeus Dobrescu, Mărioara Comianu, Fulger Lazăr, and et al. 2024. **"Surgical Treatment of Lithiasis of the Main Pancreatic Duct: A Challenging Case and a Literature Review"** *Diseases* 12, no. 5: 86. <https://doi.org/10.3390/diseases12050086>
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