



Andrei Constantin Ioanovici

Nationality: Romanian | **Gender:** Male |

Address: Str. Gheorghe Marinescu nr. 1, 540072, Tîrgu Mureş, Romania (Work)

WORK EXPERIENCE

MICROBIOM CENTER – TARGU MURES, ROMANIA

GASTROENTEROLOGY MD – 2024 – CURRENT

MCA HEALTHCARE TARGU MURES – TARGU MURES, ROMANIA

GASTROENTEROLOGY MD – 01/05/2023 – CURRENT

UMFST GERORGE EMIL PALADE TARGU MURES – TARGU MURES, ROMANIA

ASSISTANT LECTURER - MEDICAL INFORMATICS & BIostatISTICS – 10/12/2021 – CURRENT

SPITALUL CLINIC JUDEȚEAN MUREȘ – TÎRGU MUREȘ, ROMANIA

GASTROENTEROLOGY MEDICAL RESIDENT – 01/01/2018 – 31/12/2022

EDUCATION AND TRAINING

10/2019 – CURRENT

PHD CANDIDATE Universitatea de Medicină, Farmacie, Științe și Tehnologie „George Emil Palade” din Târgu Mureș

2017 – 2018 Tîrgu Mureș, Romania

M. SC. ADVANCED MEDICAL-PHARMACEUTICAL RESEARCH Universitatea de Medicină și Farmacie Tîrgu-Mureș

2011 – 2017 Tîrgu-Mureș, Romania

MEDICAL DOCTOR Universitatea de Medicină și Farmacie Tîrgu-Mureș - Facultatea de Medicină

2007 – 2011

HIGH SCHOOL Colegiul Național " A.T. Laurian " Botoșani

2004 – 2007

MIDDLE SCHOOL Colegiul Național " Mihai Eminescu " Botoșani

1999 – 2004

PRIMARY EDUCATION Centrul de Studii "Ștefan cel Mare și Sfânt" Botoșani

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B1	A2	A2	B1	A2
GERMAN	A2	B1	A2	A2	A2

● SKILLS

Databases (MySQL, PostgreSQL, Oracle) | Python Language - Basic knowledge | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Advanced User of Microsoft Windows | Linux Basics, Android Basics, QNX Basics | Operating Systems - Windows, MacOS, Android, IOS | NLP Information Extraction | Basics of Data Science, ML, NLP

● HONOURS AND AWARDS

17/09/2021

Edmond Nicolau Award - best medical informatics technological solution RoMedINF 2021 - Digital Technology and Healthcare conference – Romanian Society of Medical Informatics

● IN EXTENSO - PUBLISHED PAPERS

In extenso - published papers

Ioanovici AC, Feier AM, Mărușteri MȘ, Popescu VF, Dobru DE. Evaluation of Perceptual Realism and Clinical Plausibility of AI-Generated Colon Polyp Images. *Biomedicines* 2025; 13(7): 1561. doi: 10.3390/biomedicines13071561

Ioanovici AC, Mărușteri MȘ, Feier AM, Popescu VF, Ioanovici I, Dobru DE. Using Synthetic and Pseudosynthetic Data to Enhance Polyp Detection in Future AI-assisted Endoscopy Frameworks. *Studies in Informatics and Control* 2025; 34(2): 77–88. doi: 10.24846/v34i2y202507

Ioanovici AC, Feier AM, Mărușteri MȘ, Trâmbițaș-Miron AD, Dobru DE. Enhancing and Not Replacing Clinical Expertise: Improving Named-Entity Recognition in Colonoscopy Reports Through Mixed Real–Synthetic Training Sources. *Journal of Personalized Medicine* 2025; 15(8): 334. doi: 10.3390/jpm15080334

Ioanovici AC, Feier AM, Țilea I, Dobru D. - Computer-Aided Diagnosis in Colorectal Cancer: Current Concepts and Future Prospects - *Journal of Interdisciplinary Medicine* 2017; Jul 8; Epub ahead of print. ISSN: 2501 – 8132 (online). DOI: 10.1515/jim-2017- 0057.

SLAP lesions - current understanding and future perspectives. Feier, Andrei Marian; Gergely, István; Ioanovici, Andrei-Constantin; Borodi, Paul; Todoran, Radu; et al. *Medicina Sportiva : Journal of Romanian Sports Medicine Society*; Bucharest Vol. 16, Iss. 1, (2020): 3185-3189.

Ioanovici AC, Feier AM, Gergely I, Roman M, Vig C, Russu OM. Current Concepts Regarding Anterior Cruciate Ligament Reconstruction - *Acta Medica Transilvanica* - accept publicare vol. nr. 3/2017

Octav Marius Russu, Emilian Ciorcila, Andrei Marian Feier, Radu Fleaca, Sandor Gyorgy Zuh, Andrei Constantin Ioanovici, Istvan Gergely. Early Outcomes in Anterior Cruciate Ligament Reconstruction: Full Tibial tunnel technique compared to all-inside technique. *REVISTA DE CHIMIE*. 69 (12), 3753-3755

AM Feier, AC Ioanovici, RC Ionescu, T Toth, OM Russu. Biofilm Inhibition: Compounds with Antibacterial Effects. *Journal of Interdisciplinary Medicine* 3 (4), 234-238

ISTVÁN GERGELY, MIHAI ROMAN, ANDREI FEIER, RADU FLEACĂ, SANDOR-GYORGY ZUH, ANDREI-CONSTANTIN IOANOVICI, CRISTIAN TRÂMBIȚAȘ, TUDOR SORIN POP, OCTAV RUSSU. Osteoarthritis of the hip due to congenital hip disease–theoretical framework. *Acta Medica Transilvanica* 23 (3), p61-63

● ABSTRACT PAPERS

Abstract papers

Sharma V, Fernandez A, Ioanovici A, Talby D, and Buijs F. 2024. Lexicans at Chemotimelines 2024: Chemotimeline Chronicles - Leveraging Large Language Models (LLMs) for Temporal Relations Extraction in Oncological Electronic Health Records. In *Proceedings of the 6th Clinical Natural Language Processing Workshop*, pages 394–405, Mexico City, Mexico. Association for Computational Linguistics.

Ioanovici, A. C., Mărușteri, Ș. M., Feier, A. M., & Trambitas-Miron, A. D. (2021). Spark NLP: A Versatile Solution for Structuring Data from Endoscopy Reports. *Applied Medical Informatics*, 43, 26-26.

Miron, A. D. T., Feier, A. M., Mărușteri, M., & Ioanovici, A. (2021). Digitization of Health Records using Spark OCR. *Applied Medical Informatics*, 43, 30-30.

Ioanovici AC, Cherecheș SA, Mărușteri SM. Artificial intelligence applied to digestive endoscopy. *Applied Medical Informatics*. Vol. 41, Suppl. 1 /2019, p. 19

Ioanovici AC, Jimbu IL, Rednik AM, Ungur A, Coroș M, Pascarenco G. SURVIVAL IN COLORECTAL CANCER CONSIDERING VASCULAR, NEURAL AND LYMPH NODE INVASION – A 9 YEAR RETROSPECTIVE STUDY *Acta Medica Marisiensis - Carte Abstracte 2017* pag 55.

Rednik AM, Branea OE, Ioanovici AC, Ilie AM, Russu O. Life quality after total hip replacement: a short comparison between cemented and uncemented prosthesis. *Acta Medica Marisiensis - Carte Abstracte 2015*, pag 62

Ungur A, Ioanovici AC, Pescaru P, Dobru D, Onișor D. EDS-NBI BIOPSY REQUIREMENT IN DIAGNOSIS OF INTESTINAL METAPLASIA *Acta Medica Marisiensis - Carte Abstracte 2017* pag 31.

Jimbu IL, Molnos SR, Luca MM, Ioanovici AC. Evolution and survival in patients diagnosed with non-Hodgkin's lymphoma and treated with anti CD20 monoclonal antibodies. *Carte abstracte Asklepios Sibiu 2017*, pag 70.

● **PROJECT COORDINATOR**

Project coordinator

"Advanced Cardiovascular Surgical Skills" Workshop, 1st Ed, Tg. Mureș, 14-16 Nov 2014
Scientific session "Surgical Pathology of the Abdominal Wall" 12 Nov 2015

● **VOLUNTEER**

Volunteer

The International Congress for Medical Students and Young Doctors "Marisiensis", 19th edition, Târgu Mureș, 22-26 Apr 2015

● **ORGANIZATOR/INSTRUCTOR**

Organiser/Instructor

Workshop "Knots and Sutures", 4th English Edition, Tg-Mureș, 14-15 Nov 2015
Workshop "Knots and Sutures", 25th Edition, Tg-Mureș, 17-18 Oct 2015
Workshop "Knots and Sutures", 3rd English Edition, Tg-Mureș, 10-11 Oct 2015
Workshop "Knots and Sutures", 23rd Edition, Tg-Mureș, 3-5 Oct 2015
Workshop "Knots and Sutures", 25th Edition, Tg-Mureș, 17-18 Oct 2015
Workshop "Knots and Sutures", 2nd English Edition, Tg-Mureș, 17-18 Apr 2015
Workshop "Advanced Surgical Techniques", 1st Edition, Tg. Mureș, 8-10 May 2015
Workshop "Basic Surgical Skills" 9th Edition, Tg. Mureș, 27-29 Martie 2015
Workshop "Knots and Sutures", 21st Edition, Tg-Mureș, 13-14 Martie 2015
Workshop "Knots and Sutures", 19th Edition, Tg-Mureș, 21-22 Februarie 2015
Workshop "Basic Surgical Skills" 8th Edition, Tg. Mureș, 31 Octombrie - 9 Noiembrie 2014
Workshop "Knots and Sutures", 17th Edition, Tg-Mureș, 25-26 Octombrie 2014
Workshop "Knots and Sutures", 14th Edition, Tg-Mureș, 17-18 Mai 2014

● **TRAINING AND SCHOLARSHIPS**

Training and Scholarships

Erasmus Placement Scholarship - Klinikum Rechts der Isar - Neurosurgery Dept - Munchen, Germany, 2016 (8 weeks)
TRANSMED Student exchange program – Universitatea de Medicină și Farmacie Gr. T. Popa - Iași, 2016 (1 week)

● **ACTIVE PARTICIPANT**

Active participant

RoMedInf 2021 - 16-17 Sept 2021, Cluj Napoca, Romania - ONLINE
G-DAY II: Advancing knowledge on HIV and HCV in Central and Eastern Europe. 22-23 Nov 2019, Amsterdam, The Netherlands
RoMedInf 2019 - Healthcare's Digital Era. 19-20 Sept 2019, Cluj Napoca, Romania

The 2nd International Congress - Bucharest Live Endoscopy 2019, București, 9-11 may 2019
Nutri-Gastro Course, București, 9 may 2019
Hacking Health Romania 2nd ed, București, 3-4 nov 2019
The International Congress for Medical Students and Young Doctors "Marisiensis", 21th edition , Tîrgu Mureș, 29 Mar-2 Apr 2017
"Laparoscopic Simulation" Workshop - TransMed, Iași - 20-25 Mar 2016
"NeuroPlus" Workshop, ed. I, Tg-Mureș, 5-6 Apr 2014
Workshop "Basic Surgical Skills", 7th edition, Tîrgu-Mureș, Mar 2014
"Basic Plastic and Reconstructive Surgery Procedures", 1st edition ,Tîrgu Mureș, 28-30 Mar 2014

● **PASSIVE PARTICIPANT**

Passive participant

·National Congress of Gastroenterology, Hepatology, and Digestive Endoscopy, 39th edition, Bucharest, June 6-8, 2019
·International Conference: Molecular Biology - Current Aspects and Prospects, Cluj Napoca, November 6-8, 2015
·The International Congress for Medical Students and Young Doctors "Marisiensis", 19th edition, Târgu Mureș, April 22-26, 2015
·The International Congress for Medical Students and Young Doctors "Marisiensis", 18th edition, Târgu Mureș, May 7-11, 2014

● **ORGANISATIONAL SKILLS**

Organisational skills

·Head of the English Department at the Student Society of Surgery in Romania - Târgu Mureș branch - 2015
·Good organizational skills acquired from coordinating numerous surgical workshops for students within the Student Society of Surgery in Romania - Târgu Mureș branch.

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

Team spirit and communication/teaching skills - skills developed during participation in various surgical workshops in Romanian and English within the Student Society of Surgery in Romania - Tg. Mureș branch, both as an instructor and as an active participant.