

GHEORGHE IOSUB, MD

Orthopaedics and Traumatology Specialist

PhD Candidate, Carol Davila University of Medicine and Pharmacy, Bucharest

Resident physician in public health and management

Education

2020–Present: PhD Candidate, Carol Davila University of Medicine and Pharmacy, Bucharest

2008–2014: MD, Gr. T. Popa University of Medicine and Pharmacy, Iași

2004–2008: National College Ștefan cel Mare, Tg. Neamț

Professional Appointments

2025–Present: Orthopaedics and traumatology specialist, Active Life Therapy, Bucharest

2023–2025: Orthopaedics and traumatology specialist, iLife Medical, Bucharest

2023–Present: Resident physician in public health and management

2015–2016; 2020–2022: Residency training in orthopaedics and traumatology, University Emergency Hospital Bucharest

2018–2019: Residency Training in Cardiovascular Surgery

2017: Residency Training in Laboratory Medicine

Research Interests

Orthopaedic biomaterials; implant coatings; osteointegration; 3D printing

Scientific Publications

ISI-indexed publications as first author (3)

1. **Iosub G**, Tudorache D.I., Iova I.M., Duta L., Grumezescu V., Bîrcă A.C., Niculescu A.G., Balaure P.C., Voinea I.C., Stan M.S., et al. *Bioactive Hydroxyapatite–Carboplatin–Quercetin Coatings for Enhanced Osteointegration and Antitumoral Protection in Hip Endoprostheses*. **Coatings**. 2025;15(4):489.
2. **Iosub G**, Lungescu I.A., Bîrcă A.C., Niculescu A.G., Balaure P.C., Constantinescu S., Mihaiescu B., Rădulescu D.M., Grumezescu A.M., Hudiță A., et al. *New Three-Dimensional Printed Polyethylene Terephthalate Glycol Liners for Hip Joint*

Endoprotheses: A Bioactive Platform for Bone Regeneration. Materials. 2025;18(6):1206.

3. **Iosub G**, Niculescu A.G., Grumezescu V., Dorcioman G., Gherasim O., Crăciun V., Rădulescu D.M., Grumezescu A.M., Stan M.S., Constantinescu S., et al. *Graphene Oxide–Antibiotic Coatings with Improved Resistance to Microbial Colonization for Arthroplasty Implants.* **Journal of Composites Science.** 2025;9(2):82.

ISI-indexed publications as co-author (1)

1. Constantinescu S., Gherasim O., Dorcioman G., Grumezescu V., **Iosub G**, Niculescu A.G., Moldoveanu E.T., Rădulescu D.M., Grumezescu A.M., Stan M.S., Holban A.M., Rădulescu A.R. *MAPLE-Prepared Graphene Oxide-Based Coatings for Improved Orthopedic Screws Used in Knee Interventions.* **Romanian Journal of Morphology and Embryology.** 2024;65(3):433–442.

Scientific Presentations and Meetings

- Romanian Society of Orthopaedics and Traumatology (SOROT) Congresses and Conferences (2022, 2023, 2025);
- Romanian Society of Musculoskeletal Oncology (ROMSOS) Conferences, including:
 - 2nd ROMSOS Conference, Mamaia, Romania (2024);
 - 3rd ROMSOS Conference, Eforie Nord, Romania (2026);
- Congresses of Carol Davila University of Medicine and Pharmacy, Bucharest (2023, 2024, 2025);
- National Conference of Orthopaedics and Traumatology, Oradea, Romania (2016);
- 16th EFFORT Congress, Prague, Czech Republic (2015);

Professional Memberships

Romanian Society of Orthopaedics and Traumatology (SOROT)

Member since 2015.

Founding Member – Archive of Clinical Cases

Founding member of Archive of Clinical Cases (ISSN 2360-6975), an international peer-reviewed open-access medical journal established in 2013.

Served as member of the Editorial Staff between 2014 and 2016, contributing to the development of the journal, editorial activities, manuscript processing and the promotion of scientific communication and evidence-based medicine.

Postgraduate Training and Certifications

Musculoskeletal ultrasound training program (multiple certified modules, 2025–2026)

Languages

Romanian (native), English

Contact Information

Bucharest, Romania

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