



Curriculum Vitae

Ștefan Iulian Stănciugelu

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Current position:

- Scientific Research Assistant – Department II of Orthopedics and Traumatology of the Emergency County Hospital “Pius Branzu”, Timisoara, Romania
- Specialist medical doctor in Orthopedics and Traumatology – Emergency County Hospital “Pius Branzu”, Timisoara, Romania

Education:

- *Clinical and research fellowship at Alps-Surgery-Institute research center (2023)*
- *Resident doctor in Orthopaedics and Traumatology – Emergency Country Hospital “Pius Branzu”, Timisoara, Romania*
- University of Medicine and Pharmacy “Victor Babes”, Timisoara, Romania (2018-Present)
 - PhD Student in the field of Biochemistry and Orthopedics
- University of Medicine and Pharmacy “Victor Babes”, Timisoara, Romania (2009-2015)
 - Bachelor in Medicine

Professional Experience:

- *Clinical and research fellowship at Alps-Surgery-Institute research center (2023)*
- *PhD Student: 2018- Present*
- *University of Medicine and Pharmacy “Victor Babes”, Timisoara, Romania*
 - PhD student in the field of Biochemistry and Orthopedics.
 - Our main objective is to identify circulating non-coding RNA molecules, such as micro RNAs, specific for osteoarthritis, which could serve as molecular markers of diagnostic, prognostic and therapeutic response.

- *Resident doctor in Orthopedics and traumatology* – Emergency Country Hospital “Pius Branzu”, Timisoara, Romania: 2016 – Present
 - II Department of Orthopedics and Traumatology - Emergency Country Hospital “Pius Branzu”, Timisoara, Romania
- Comprehensive experience with orthopedic patients and common medical conditions;
- Good medical Knowledge, excellent manual dexterity, a high degree hand-eye coordination, and visual-spatial awareness;
- Strong knowledge of policies and procedures on how to address patient complaints, profound communications skills;
- Ability to fill patient prescriptions;
- Proficient in the use of database software;
- Excellent observational abilities;
- Capable of working varying shifts;
 - Also including specialized trainings in General surgery, Vascular surgery, Neurosurgery, Plastic and reconstructive surgery, Pediatric Orthopedic Trauma.
- *Instructor for the courses of free flaps in living tissue, perforating flap, and microsurgery of vessels and nerves:* 2014-2016
 - “Pius Branzu” Research Center for flap surgery and microsurgery, Timisoara, Romania.

Fields of interest:

- Orthopedics, Traumatology, Sports Medicine, Biomechanics, Biochemistry, Oncology, Neuroscience.

Professional & Volunteer Experience:

- ESSKA Member
- Member of Romanian Association of Orthopedics and Traumatology (SOROT)
- *Reviewer for Official Clinical Journal of the ESSKA-Knee Surgery, Sports, Traumatology, Arthroscopy (KSSTA)*
- Reviewer for *Journal of Experimental Ortopaedics (JEO)*

List of publications and presentations:

- **Stanciugelu SI**, Patrascu JM Jr, Florescu S, Marian C. Sticky Bone as a New Type of Autologous Bone Grafting in Schatzker Type II Tibial Plateau Fracture Case Report. *Life (Basel)*. 2024 Aug 21;14(8):1042. doi: 10.3390/life14081042. PMID: 39202784; PMCID: PMC11355391.

- **Stanciugelu SI**, Patrascu JM, Patrascu JM Jr, Socaciu C, Socaciu AI, Nitusca D, Marian C. Lipidomic Signature of Plasma and Synovial Fluid in Patients with Osteoarthritis: Putative Biomarkers Determined by UHPLC-QTOF-ESI+MS. *Diagnostics* (Basel). 2024 Aug 22;14(16):1834. doi: 10.3390/diagnostics14161834. PMID: 39202323; PMCID: PMC11354166.
- Pătrașcu JM Jr, Florescu S, Brad S, Andor BC, Ilia I, **Stănciugelu ȘI**, Cristina RT. Magnetic resonance imaging combined with histological evaluation of repair process using the microfracture technique in an association of osteocartilaginous and meniscal surgically induced lesions of the knee. In vivo experiment on a rabbit model. *Rom J Morphol Embryol*. 2024 Jan-Mar;65(1):89-97. doi: 10.47162/RJME.65.1.11. PMID: 38527988; PMCID: PMC11146455.
- **Stanciugelu SI** et al., *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. PMID: 36431049
- **Stanciugelu S** et al., *Short-term outcome for ultrasound imaging-guided percutaneous treatment in rotator cuff calcific tendinopathy (RCCT)*, *Osteoporosis International*, Dec. 2020, vol. 31, pg. S604-S604
- Poster Presentation (first author): “*Multidisciplinary approach of geriatric patients after hip trauma*” Word Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Disease, April 4-7, Paris France
- Oral Presentation (co-author): “*The use of biologic cement in humeral diaphysis bone defects*”, National Conference of Orthopedics and Traumatology, Sibiu, Romania, October 2018.
- Poster Presentation (first author): “*Intra-articular platelet-rich plasma is superior to corticosteroids in knee osteoarthritis: a comparative study*”, Krakow, Poland, April 19-22, 2018.

Participation in Courses, Workshops, Conferences, Congresses and Symposiums:

- AO Trauma Osteotomy Weekly: Femoral Diaphysis – “Live Internet” educational activity, 16.05.2020, Wayne, Pennsylvania, USA.
- Hanover Live Surgeries – Insight from the OR - Capsular Release of the Elbow, Winglet Education GmbH, Online Training, 7th of May 2020.
- Hanover Live Surgeries – Anatomy and Biomechanics of the Knee, Winglet Education GmbH, Online Training, 3rd of May 2020.
- Hanover Live Surgeries – Cuff and Biceps Management, Winglet Education GmbH, Online Training, 5th of April 2020.
- Hanover Live Surgeries - Shoulder Tendon Transfer, Winglet Education GmbH, Online Training, 2nd of April 2020.
- 18th National Congress of Orthopaedics and Traumatology, Bucharest, Romania, October 16-18, 2019.

- AOTrauma Course - Advanced Principles of Fracture Management, 30 May-01 June 2019 Sibiu, Romania.
- Word Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Disease, April 4-7, Paris France.
- AOTrauma Course - Basic Principles of Fracture Management, 08-10 November 2018 Zagreb, Croatia.
- 17th National Congress of Orthopedics and Traumatology, Sibiu, Romania, October 3-6, 2018.
- Active participant in the 4th course ESSKA-SRATS Basic Knee Arthroscopy and ESSKA-EKA Basic Knee Arthroplasty, Targu-Mures, Romania, May 23-24, 2018.
- 16th National Congress of Orthopedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
- Trainer at the 2nd edition of the workshop “Basic practical techniques in medicine”, Timisoara, April 21-23, 2017.
- “Total Knee Arthroplasty” course, Timisoara, Romania, February 21-22, 2017.
- Course and Workshop “Minimal Invasive Approach to Flat Foot Surgery”, Graham International Implant Institute, Berlin, Germany, October 2016.
- Postgraduate course: "Negative pressure therapy in orthopedic pathology", course organized by the Faculty of Medicine, Discipline-Orthopedics-Traumatology within UMF "Victor Babes" Timisoara, September 19, 2016.
- Instructor at the 6th international course “Perforator Flap Harvesting in Living Tissue”, Pius Branzu Center, Timisoara, Romania, May, 2015.
- Instructor at the 16th international course “Free Flap Harvesting in Living Tissue”, Pius Branzu Center, Timisoara, Romania, April, 2015.
- Instructor at the 36th international course "Microsurgery in Vessels and Nerves", Pius Branzu Center, Timisoara, Romania, March, 2015.
- Instructor at the 36th international course "Microsurgery in Vessels and Nerves", Pius Branzu Center, Timisoara, Romania, March, 2015.
- Instructor at the 15th international course “Free Flap Harvesting in Living Tissue”, Pius Branzu Center, Timisoara, Romania, November, 2014.
- Instructor at the 5th international course “Perforator Flap Harvesting in Living Tissue”, Pius Branzu Center, Timisoara, Romania, November, 2014.
- Instructor at the 35th international course “Microsurgery in Vessels and Nerves”, Pius Branzu Center, Timisoara, Romania, October, 2014.

Awards

- 2019 ESCEO-Eli Lilly Scholarship.
- 2018 ESCEO-Eli Lilly Scholarship.

Others:

- **9th Annecy Live Surgery International Shoulder Advanced Course** – organizer-

<https://www.lafosseshoulder-annecy.com/>

- Tintinalli's Emergency Medicine: A Comprehensive Study Guide, 6th edition/1st edition in Romanian – *text reviser* for the chapter 23: Orthopaedics (2016).



