

TUDOR-ALEXANDRU POPOIU



Personal

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Languages

- German** ●●●●●
- English** ●●●●●
- Spanish** ●●●●●
- Romanian** ●●●●●

Interests

- Football, hiking and ski.

Enthusiastic medical student with a strong academic record and learning skills, able to work with minimal supervision. Eager to gain as much knowledge in as many fields as possible, with particular focus on the surgical sciences and translational research.

Work experience

- Laboratory Intern** Nov 2021 - Jul 2022
Deutsches Zentrum für Herzinsuffizienz(DZHI) Würzburg, Würzburg
Barth syndrome cardiomyopathy research focused on fenofibrates metabolism remodeling
Acquired skills: RNA isolation and translation into DNA; qPCR; Western blot; mice echocardiography analysis.
- Eramsus + Mobility Internship** Jul 2021 - Sep 2021
KJF Kliniken Neuburg an der Donau, Neuburg an der Donau
- President of the student surgical society** Sep 2020 - Jun 2021
SSSR(Surgical Student Society of Romania), Timisoara Branch, Timisoara
- Observership** Jul 2019 - Jul 2019
St. Thomas Hospital London, London
- Medical Registrar** Feb 2019 - Present
SC POWER MED KIDS SRL, Timisoara
Developed communication and organizational skills.
- Tutor Volunteer** Sep 2019 - Jun 2021
UMF "Victor Babes" Timisoara, Timisoara
Taught both physiology and biostatistics lessons to the second-year students.
Created special handouts, study guides, and assessments to evaluate and boost student knowledge.
- Football Referee** Apr 2014 - Apr 2021
AJF Timis, Timisoara
Educated athletes, coaches, and fellow officials about game rules, regulations, and good sportsmanship.
Officiated 250+ games over a 7-year period.
Learned how to react in difficult situations.
Used to work under pressure and with great responsibility.
- Teaching Assistant** Feb 2024 - Present
Victor Babes University of Medicine and Pharmacy Timisoara, Timisoara
Teaching assistant in Biostatistics and bioinformatics.

Education and Qualifications

- Highschool degree** Sep 2013 - Jul 2017
Nikolaus Lenau Lyzeum, Timisoara
- Referee course** Sep 2013 - Jul 2014
CJA Timis, Timisoara
- Medical degree** Sep 2017 - Sep 2023
"Victor Babes" University of Medicine and Pharmacy, Timisoara
Valedictorian of the Class of 2023
Average grade: 9,84

Skills

Microsoft office



JASP statistics software



SPSS



Courses

Basic surgical skills workshops

Sep 2019 - Jul 2021

SSCR (Romania's Surgical Students Society)

Knots and Sutures Workshop SSCR October 2018

Basic skills in Interventional Radiology SSCR March 2019

Basic skills in plastic surgery SSRC October 2019

Basic surgical skills workshop SSCR November 2019

Basic skills in cardiac surgery SSCR November 2019

Basic skills in laparoscopic surgery SSCR April 2021

Chirurgisches Trainingslabor: Laparoskopiekurs

Apr 2022 - Apr 2022

DCK 2022

Scientific director: Prof. Dr. med. Hauke Lang

Chirurgisches Trainingslabor: Chirurgische Basistechniken

Apr 2022 - Apr 2022

DCK 2022

Scientific director: Prof. Dr. med. Hauke Lang

Congresses and scientific gatherings

ASPIRE Conference April 2019

National Physiology Congress Timisoara 2019

The International Conference for Students and Young Doctors MEDIS 2020

International Medical Students' Congress of Bucharest 2020

International Medical Students' Congress of Bucharest 2022

Deutschen Chirurgie Kongress 2022, Leipzig

DGK Jahrestagung 2022, Mannheim

Kongress für Kinder- und Jugendmedizin 2022, Dusseldorf

International Surgical Week 2022, Vienna

Deutschen Chirurgie Kongress 2023, München

Congress presentations and posters

Kongress für Kinder- und Jugendmedizin 2022, Dusseldorf:

Poster: Restrictive cardiomyopathy – one gene, three different courses

Presentation: 5 years of experience in pediatric splenic trauma

3rd place at The International Conference for Students and Young Doctors MEDIS 2020 for the paper "*Friedreichs Ataxia- A rare cause of Hypertrophic Cardiomyopathy*"

Publications

Popoiu TA, Dudek J, Maack C, Bertero E. Cardiac Involvement in Mitochondrial Disorders. *Curr Heart Fail Rep.* 2023 Feb;20(1):76-87. doi: 10.1007/s11897-023-00592-3. Epub 2023 Feb 18. PMID: 36802007; PMCID: PMC9977856.

Popoiu, Tudor-Alexandru, Christoph Maack, and Edoardo Bertero. "Mitochondrial Calcium Signaling and Redox Homeostasis in Cardiac Health and Disease." *Frontiers in Molecular Medicine* 3: 1235188.

Samfireag, M.; Potre, C.; Potre, O.; Moleriu, L.-C.; Petre, I.; Borsi, E.; Hoinoiu, T.; Preda, M.; Popoiu, T.-A.; Anghel, A. Assessment of the Particularities of Thrombophilia in the Management

of Pregnant Women in the Western Part of Romania. *Medicina* **2023**, *59*, 851.
<https://doi.org/10.3390/medicina59050851>

Samfireag, Miruna, et al. "Maternal and Newborn Characteristics—A Comparison between Healthy and Thrombophilic Pregnancy." *Life* **13**.10 (2023): 2082.

AVAILABLE RECONSTRUCTION METHODS OF NERVE INJURIES – A LITERATURE REVIEW Vasile
Andrei Protesî2 , Tudor Alexandru Popoiu1, Maria Corina Stănculescu1,2, Petrisor Zorin
Crăiniceanu1,2, Vlad-Adam Bloancă1,2, Calin Marius
Popoiu1,2 <https://doi.org/10.37224/JP.2020.8990.05>