TUDOR-ALEXANDRU POPOIU

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

Deutsches Zentrum für Herzinsuffizienz(DZHI) Würzburg, Würzburg

Nov 2021 - Jul 2022

# Personal

Barth syndrome cardiomyopathy research focused on fenofibrates metabolism remodeling Acquired skills: RNA isolation and translation into DNA; qPCR; Western blot; mice echocardiography analysis.

 **Address**

## Eramsus + Mobility Internship

KJF Kliniken Neuburg an der Donau, Neuburg an der Donau

## President of the student surgical society

Jul 2021 - Sep 2021

Sep 2020 - Jun 2021

 **Phone number**

SSSR( Surgical Student Society of Romania), Timisoara Branch, Timisoara

 **Email**

## Observership

St. Thomas Hospital London, London

Jul 2019 - Jul 2019

# Languages

**German English Spanish Romanian**

## Medical Registrar

SC POWER MED KIDS SRL, Timisoara

    

Developed communication and organizational skills.

    

## Tutor Volunteer

UMF "Victor Babes" Timisoara, Timisoara

Feb 2019 - Present

Sep 2019 - Jun 2021

# Interests

Football, hiking and ski.

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

AJF Timis, Timisoara

Apr 2014 - Apr 2021

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.

**Interrim Teaching Assistant** Sep 2023 - Present

Victor Babes University of Medicine and Pharmacy Timisoara, Timisoara

Teaching assistant in Biostatistics.

# Education and Qualifications

## Highschool degree

Nikolaus Lenau Lyzeum, Timisoara

Sep 2013 - Jul 2017

## Referee course

CJA Timis, Timisoara

Sep 2013 - Jul 2014

## Medical degree

"Victor Babes" University of Medicine and Pharmacy, Timisoara

Valedictorian of the Class of 2023 Average grade: 9,84

Sep 2017 - Sep 2023



# Skills

**Microsoft office**

**JASP statistics software SPSS**

# Courses

## Basic surgical skills workshops

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 laparscopic surgery SSCR April 2021

Sep 2019 - Jul 2021

## Chirurgisches Trainingslabor: Laparoskopiekurs

DCK 2022

Scientific director: Prof. Dr. med. Hauke Lang

Apr 2022 - Apr 2022

## Chirurgisches Trainingslabor: Chirurgische Basistechniken

DCK 2022

Scientific director: Prof. Dr. med. Hauke Lang

Apr 2022 - Apr 2022



# 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 Studentsʼ Congress of Bucharest 2020

International Medical Studentsʼ Congress of Bucharest 2022 Deutschen Chirurgie Kongress 2022, Leipzig

DGK Jahrestagung 2022, Mannheim

Kongress fur Kinder‑ und Jugendmedizin 2022, Dusseldorf Internation Surgical Week 2022, Vienna

Deutschen Chirurgie Kongress 2023, Munchen

# Congress presentations and posters

Kongress fur 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 Protesi2 , Tudor Alexandru Popoiu1, Maria Corina Stănciulescu1,2, Petrisor Zorin Crăiniceanu1,2, Vlad‑Adam Bloancă1,2, Calin Marius

Popoiu1,2 https://doi.org/10.37224/JP.2020.8990.05