



## Daiana-Izabela Toma

**Nationality:** Romanian **Date of birth:** 01/04/1991 **Gender:** Female

### PROFESSIONAL EXPERIENCE

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 "Pius Brnzeu" County Emergency Clinical Hospital

#### Specialist in Anesthesia and Intensive Care

[ 01/01/2022 - Ongoing ]

 "Victor Babes" University of Medicine and Pharmacy

#### Assistant Professor of Anesthesia and Intensive Care

[ 2023 - Ongoing ]

 "Pius Brnzeu" County Emergency Clinical Hospital

#### Member of TIM (Mobile Intensive Care)

[ 15/01/2018 - Ongoing ]

 Timisoara County Emergency Clinical Hospital – Timisoara, Romania

**City:** Timisoara | **Country:** Romania

#### Project manager within the PNRR project – Intensive care units for newborns (Investment I2.3)

[ 2023 - 2024 ]

 Timisoara County Emergency Clinical Hospital – Timisoara, Romania

**City:** Timisoara | **Country:** Romania

#### Technical expert within the PNRR project – Equipment and materials intended to reduce the risk of nosocomial infections (Investment I2.4)

 Timisoara County Emergency Clinical Hospital – Timisoara, Romania

**City:** Timisoara | **Country:** Romania

#### Technical expert within the PNRR project – Family doctors' offices (Investment I1.1)

 Ministry of Health

## Honorary Advisor to the Assistant Secretary of State. Univ. Dr. Rogobete A.

[ 14/03/2023 – 2024 ]

### "Pius Brnzeu" County Emergency Clinical Hospital – Timisoara, Romania

**Address:** 156 Bd Liviu Rebreanu Emergency County Hospital, 300723 Timisoara (Romania) | **Website:** <https://www.hosptm.ro> | **Unit or department:** Anesthesia and Intensive Care – **Business or activity sector:** Human health and social care activities

### Resident Physician Anesthesia and Intensive Care

[ 01/01/2017 – 01/01/2022 ]

### Our Lady Of Lourdes Hospital

### Anaesthetic and Intensive Care Registrar

[ 12/06/2019 – 01/04/2020 ]

## LANGUAGE SKILLS

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**Mother tongue(s):** Romanian

**Other language (Other languages):**

**English**

**LISTENING** B2 **READING** B2 **WRITING** B1

**WRITTEN EXPRESSION** B1 **CONVERSATION** B1

*Levels: A1 & A2 Basic User B1 & B2 Independent User C1 & C2 Experienced User*

## VOCATIONAL EDUCATION AND TRAINING

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### Medical Doctor

*Victor Babes University of Medicine and Pharmacy Timisoara* [ 03/09/2010 – 09/12/2016 ]

**Address:** 2 Eftimie Murgu, 300041 Timisoara (Romania)

### PhD Student

*Victor Babes University of Medicine and Pharmacy Timisoara* [ 05/10/2020 – Ongoing ]

**Address:** 2 Eftimie Murgu Square, 300041 Timisoara (Romania) | **Website:** [www.umft.ro](http://www.umft.ro)

### Baccalaureate

*Constantin Diaconovici Loga College* [ 13/09/2006 – 12/07/2010 ]

**Address:** Bd Diaconovici Loga, 300020 Timisoara (Romania)

### Trainer at National Advanced Airway Management

*"Victor Babes" University of Medicine and Pharmacy Timisoara* [ 2023 – Ongoing ]

**Country:** Romania

### Trainer – GENIUS Course (ESICM)

ESICM [ 2025 ]

**Website:** <https://academy.esicm.org/>

### Trainer - ICF Course (ESICM)

ESICM [ 2024 ]

**Website:** <https://academy.esicm.org/>

## European Funds Expert

APSAP Center [ 10/08/2022 – 19/08/2022 ]

**Address:** Turturelelor no. 62, building Decebal Tower, 6 floor, Bucharest (Romania) | **Website:** [www.apsap.ro](http://www.apsap.ro)

## Mentorship Program

European Society of Anaesthesia and Intensive Care [ 28/03/2023 – Ongoing ]

**Website:** [www.esaic.org](http://www.esaic.org)

## C19 Space Self-Learning

European Accreditation Council for Continuing Medical Education [ 11/2020 – 01/2021 ]

**Website:** <https://c19-space.academy.esicm.org>

## Advanced Cardiac Life Support Provider

American Heart Association [ 08/09/2021 – 30/09/2021 ]

**City:** Dublin | **Country:** Ireland | **Website:** [www.cpr.heart.org](http://www.cpr.heart.org)

## Basic Life Support Provider

American Heart Association [ 04/09/2019 – 30/09/2021 ]

**City:** Drogheda | **Country:** Ireland

## Ultrasound Guided Regional Anaesthesia Course

POCU Project [ 09/03/2021 – 11/03/2021 ]

## COMPETENCES

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Microsoft Word / Microsoft Excel / Microsoft Powerpoint / Google Docs / Google Drive / Skype / Outlook / Team-work oriented

## PUBLICATIONS

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[2025]

**Integrated Multimodal Strategy to Reduce Healthcare-Associated Infections in a Trauma ICU: Impact of a Quality Improvement Project**  
**J. Clin. Med**

[2025]

**Digital Transformation in Critical Care: Implications for Quality of Care, Infection Control, and Clinical Outcomes**

[2025]

**Rapid Molecular Diagnostics for MDR Nosocomial Infections in ICUs: Integration with Prevention, Stewardship, and Novel Therapies**

[2023]

**Quality improvement program in a Trauma – ICU: Prognostic impact**

**ESCIM Abstract Book**

[2020]

**Implementation of a critical response team in a Romanian Tertiary University Hospital**

**EJA[2020]**

**Impact of General Anaesthesia - guided by State Entropy (SE) and Response Entropy (RE) on Perioperative Stability in Elective Laparoscopic Cholecystectomy Patients. A Prospective Observational Randomized Monocentric Study**

**Journal: Entropy ISSN 1099 - 4300 Manuscript ID: entropy-728757**

**[2022]**

**Multiparametric Monitoring of Hypnosis and Nociception-Antinociception Balance during General Anesthesia-A New Era in Patient Safety Standards and Healthcare Management Medicine (Kaunas). 2021 Feb 2; 57(2):132. doi:10.3390/medicina57020132**

**[2022]**

**Update on Current Concepts in Management of Severe Hemorrhagic Shock and Optimal Individualized Fluid Therapy in Critically Ill Polytrauma Patients  
doi: 10.20944/preprints202208.0141.v1**

## **CONFERENCES AND SEMINARS**

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[2025] ESICM Munich, Germania - trainer GENIUS

[2025] Congress of the Romanian Society of Anaesthesia and Intensive Care

[2024] ESPEN

[ 08/12/2022 - 11/12/2022 ] Heidelberg, Germany

Masterpass of Mechanical Ventilation

[ 05/03/2020 - 08/03/2020 ] Bucharest

Mechanical Ventilation Course

[ 28/11/2020 - 30/11/2020 ] Virtual Congress

Euroanaesthesia Congress

[ 11/11/2020 - 15/11/2020 ]

The 46th Congress of the Romanian Society of Anaesthesia and Intensive Care

[ 14/10/2019 - 18/10/2019 ] Melbourne, Australia

World Congress of Intensive Care

[ 26/09/2019 - 28/09/2019 ] Timisoara

National Guides and Protocols Course in Anaesthesia and Intensive Care

[ 02/03/2019 - 04/03/2019 ] Timisoara

Mechanical Ventilation Days

[ 05/12/2018 - 09/12/2018 ] Catania, Italy

The 5th European Airway Management Congress

[ 11/2018 - 11/2018 ] Budapest, Hungary

The 4th Central and Eastern European Sepsis Forum

[ 27/03/2023 - 31/03/2023 ] Bucharest

Bronchoscopy and Invasive Techniques in Airway Approach

[ 06/04/2023 ] Dalles Go - Bucharest

Public Speaking

ESICM

Antimicrobial Stewardship for Severe Infection