



Raluca Horhat, MD, PhD

Personal Information

Email: horhat.raluca@umft.ro

Nationality: Romanian

Gender: Female

Professional Experience

Lecturer in Biophysics

March 2022 – present

- Teaching and research activities within the Department of Functional Sciences.
- Courses, seminars, and laboratory coordination in Biophysics.

Senior ENT Specialist (Otorhinolaryngology)

“Louis Țurcanu” Emergency Hospital for Children, Timișoara

October 2017 – present

- Primary physician in Otorhinolaryngology (Certificate no. 14166/30.08.2016).
- ENT Department, Pediatric Surgery Unit.
- Clinical and surgical management of pediatric ENT pathology.

University Assistant — Biophysics

“Victor Babeș” University of Medicine and Pharmacy, Timișoara

March 2013 – March 2022

- Teaching and research activities within the Department of Functional Sciences.
- Courses, seminars, and laboratory coordination in Biophysics.

ENT Specialist

“Louis Țurcanu” Emergency Hospital for Children, Timișoara

July 2011 – October 2017

- Specialist physician in the ENT Department, Pediatric Surgery Unit.
- Diagnostic and surgical procedures in pediatric otorhinolaryngology.

ENT Specialist

Dr. Karl Diel Hospital, Jimbolia

March 2011 – July 2011

- Specialist physician in the Integrated Outpatient Clinic.

Education and Training

Master’s Degree — Statistical Methods and Techniques in Health and Clinical Research (ISCED 7)

Politehnics University of Timișoara 2018–2020 (Diploma series MA no. 0261689)

PhD in Medicine (ISCED 8)

“Victor Babeș” University of Medicine and Pharmacy, Timișoara 2005–2009

- Thesis: *“Contributions to the Diagnosis and Treatment of Precancerous Laryngeal Lesions”*.
- Diploma series G no. 0004038.

Residency in Otorhinolaryngology

Municipal Hospital, Timișoara — ENT Clinic 2006–2011

MD — General Medicine (ISCED 6)

“Victor Babeș” University of Medicine and Pharmacy, Timișoara 1999–2005

- Valedictorian of the graduating class.
- Diploma MEN series X no. 0024154.

Language Skills

Mother tongue: Romanian

Foreign languages

Language	Listening	Reading	Conversation	Oral Speech	Writing
French	C2	C2	C2	C2	C2
English	B2	B2	B2	B2	B2

- French certification: *Diplôme Approfondi de Langue Française* (Ministère de l'Éducation Nationale, no. 04009600383).
- Levels according to the Common European Framework of Reference for Languages (CEFR).

Professional Skills

Communication Skills

- Strong communication and teaching abilities.
- Teacher Training Department — Level I (series X no. 0051105) and Level II (series X no. 0051260), West University of Timișoara.

Organizational and Managerial Skills

- Treasurer, Center for Modeling Biological Systems and Data Analysis (CMSBAD).
- Member of the organizing committee of the 13th National Conference of Biophysics, Timișoara (4–6 June 2015).

Digital Skills

- Advanced user of Microsoft Office.
- Programming in **R** and **MATLAB**.
- Scientific document editing in **LaTeX**.

Driving License

- Category B.

Additional Trainings and Courses

- Instructional Course: **Tracheal Surgery** — Timișoara, 3–6 May 2006
- Instructional Course: **Lateral Skull Base Surgery** — Timișoara, 3–6 May 2006

- **International Course on Middle Ear Surgery** with Temporal Bone Dissection — Timișoara, 25–27 April 2007
- **Second International Course on Middle Ear Microsurgery** — Timișoara, 26–28 May 2010
- **Pediatric ENT Endoscopy Course** — Timișoara, 20–21 September 2011
- Course: **Endoscopy in Upper Aerodigestive Tract Pathology** — Timișoara, 7–18 November 2011
- Course: **Role of Laser in ENT, Dermatological and Gynecological Treatment** — Timișoara, 24–25 February 2012
- **International Laser Symposium — Endoscopic Laser Surgery of the Larynx** — Szeged, 20 April 2012
- International Course: **Electroporation for Medicine: Basic Knowledge, Applications and Technologies** — Bucharest, 30 May – 1 June 2015
- **Psychopedagogical Module (2014–2015)** — West University of Timișoara