

PERSONAL INFORMATION



Delia-Doris Muntean

EDUCATION AND TRAINING

- 10/2020 - present** **PhD Student – Medicine**
Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania
- 10/2011 – 06/2017** **Medical Doctor**
Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania
- 09/2007 – 06/2011** **High School Graduate**
National College “Gheorghe Lazăr” Sibiu, Romania
Bilingual Romanian-English class of biology, chemistry and physics

CLINICAL WORK EXPERIENCE

- 01/2022 - present** **Radiologist**
Medisprof Cancer Center, Cluj-Napoca, Romania
- 01/2018 – 31/2022** **Radiologist Trainee**
Radiology Department, Emergency County Hospital Cluj-Napoca, Romania
- 05/2014 – 05/2015** **Paramedic**
SMURD Cluj-Napoca, Romania – Emergency Rescue Service

ACADEMIC WORK EXPERIENCE

- 10/2020 - present** **Teaching Assistant**
Radiology Department, Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania
- 12/2020 – present** **Ultrasound Trainer**
Imaging Department, Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania
- 11/2022 - present** **Researcher**
TANGERINE Project – Prediction of response to immunotherapy based on artificial intelligence, Prof.dr. Ion Chiricuță Institute of Oncology Cluj-Napoca
- 22/08 – 30/08/2014** **Paramedic Instructor**
Emergency Medicine Summer Camp, Arieșeni, Romania

ABROAD EXPERIENCE

- 02/2023 – 05/2023** **Radiology Fellowship**
Kaufbeuren-Landsberg-Füssen Radiology and Nuclear Medicine Center, Germany
Tutor: Ferdinand Bauer, MD
- 11/2022 – 12/2023** **Research Fellowship**
University of Iceland, Reykjavik, EEA Grants 2014-2021; Project No: 20-COP-0085 “AURORA”
- 09/2015 – 08/2016** **ERASMUS+ Scholarship**
RWTH Aachen University of Medicine, Germany
- 13/07 – 30/07/2016** **Fellowship - COMENIUS Program**
Radiology Department, Semmelweis University, Budapest, Hungary

PERSONAL SKILLS

- Mother tongue** Romanian
- Other languages** English - Cambridge Advanced English Certificate C1
German - Goethe Zertifikat C1

Medical skills	Imaging techniques: B-Mode Ultrasound, Elastography, Computer Tomography, Magnetic Resonance Imaging; Spectroscopy; Medical Writing.
Other skills	Ability to learn and analyse, End-oriented work capacity, Research management. Representative of the radiology residents Cluj-Napoca (2018-2021)

MEDICAL EVENTS

- ECR** **European Congress of Radiology 2023**, March 1-5, Vienna
Invest in the Youth, Poster presentation: [DD Muntean](#), ML Lenghel, PA Ștefan, M Bădărănză, D Fodor, C Csutak, GM Rusu, SM Dudea. Radiomic features associated with lymphoma development in the parotid glands of patients with primary Sjögren's Syndrome (C-10023)
- European Congress of Radiology 2022**, July 13-17, Vienna
Invest in the Youth, Oral presentation: [DD Muntean](#), LM Lenghel, SM Dudea. Viscosity assessment of parotid and submandibular glands in healthy subjects with novel Viscosity Plane-wave UltraSound (ViPLUS) technique.
- European Congress of Radiology 2021**, online
Invest in the Youth, EPOS: [DD Muntean](#), LM Lenghel, SM Dudea. Multiparametric MRI of the parotid gland tumors – A roadmap for radiologists.
- European Congress of Radiology 2020**, online
Invest in the Youth, EPOS: [DD Muntean](#), SM Dudea. ECR 2020/C-10548. How to report thyroid nodules according to ACR-TIRADS, EU-TIRADS and K-TIRADS – the best of all worlds. DOI: 10.26044/ecr2020/C-10548
Voice of EPOS: VoE 095 - Abdominal Viscera - Infectious diseases: Abdominopelvic actinomycosis – the great mimicker (**EPOS:** [DD Muntean](#), O Anton, R Sechel. ECR 2020/C-11852 DOI: 10.26044/ecr2020/C-11852)
- European Congress of Radiology 2019**, February 27-March 3, Vienna
EPOS: [D Muntean](#), M Kamoun, M Coman, D Precup. ECR 2019/C-3694. Posterior Mediastinum Pathology Unfolded – The Diagnostic Value of Imaging. DOI: 10.26044/ecr2019/C-3694
EPOS: M Kamoun, [D Muntean](#), D Feier. ECR 2019/C-372. CT scan evaluation of peritoneal carcinomatosis and its spread patterns according to primary tumors. DOI: 10.26044/ecr2019/C-3724
- European Congress of Radiology 2017**, March 1-5, Vienna
Rising Stars Program, Oral presentation: “Noninvasive assessment of liver stiffness in healthy subjects using Supersonic Shear Wave Elastography”
- ESOR activities**
- ESOR Foundation Course** - Abdominal Imaging, online September 8, 2021
ESOR Foundation Course - Neuroradiology, online, April 28, 2021
ESOR Foundation Course - Chest Imaging, online, February 10, 2021
ESOR Foundation Course - Head and Neck Radiology, online, January 27, 2021
ESOR Foundation Course - Hybrid Imaging, January 20, 2021
ESOR Asklepios Course: Oncologic Imaging Online, December 11, 2020
ESOR “Intelligence. Innovation. Imaging. The Perfect Vision of AI”, April 5-6, 2019, Barcelona
ESOR ASKELPIOS COURSE Hybrid Imaging in Oncology, August 30-31, 2018, Vienna
- European Subspecialty activities**
- Erasmus Head & Neck Course on Magnetic Resonance Imaging**, February 6 - 10, 2023, Lisbon, Portugal
Masterclass ESHNR, December 8-11, 2022, online
The 42nd Post Graduate Course of the European Society of Pediatric Radiology, June 6-7, 2022, Marseille, France
ESGAR Virtual Acute Abdomen Workshop, December 14-15, 2020
ESGAR Virtual Liver Workshop, September 9-11, 2020
ESGAR 2020, online, May 19-22, 2020
EPOS: [D Muntean](#), D Florian, O Anton, M Comsa, M Socaciu, T Vasile. ESGAR 2020/EE-171. Borderline resectable pancreatic tumors – not great, not terrible. The diagnostic value of imaging. DOI: 10.5444/esgar2020/EE-171
- ESUR Workshop:** Topics in Female Pelvic Imaging, February 6-8, 2020, Rome, Italy
ESOI Oncologic Imaging Course 2019, June 19-22, 2019, Dubrovnik, Croatia
Poster: Imaging features of breast cancer in young women: Problems and diagnostic challenges
ESCR Annual Scientific Meeting 2019, October 24-26, 2019, Antwerp, Belgium
- Other attended courses and meetings**
- Best of ASCO 2023**, 16-17 June, 2023, Cluj-Napoca
The 18th WFUMB Congress, May 25-28, 2022, Timișoara, RO
Annual Meeting of the American Society of Head and Neck Radiology, online, Sept 8-12, 2021
RSNA 106th Scientific Assembly and Annual Meeting, online, Nov 29 – Dec 5, 2020
EACR Virtual Imaging Cancer 2020, July 8, 2020
FedUro Project - Oncologic Imaging, Sept 6-8, 2019, Fundeni Institute, Bucharest, Romania

Written Publications

Articles

- Muntean DD**, Ducea SM, Băciuț M, Dinu C, Stoia S, Solomon C, Csaba C, Rusu GM, Lenghel LM. The Role of an MRI-Based Radiomic Signature in Predicting Malignancy of Parotid Gland Tumors. *Cancers*. 2023; 15(13):3319.
- Muntean DD**, Lenghel LM, Ștefan PA, Fodor D, Bădărință M, Csutak C, Ducea SM, Rusu GM. Radiomic Features Associated with Lymphoma Development in the Parotid Glands of Patients with Primary Sjögren's Syndrome. *Cancers*. 2023; 15(5):1380.
- Muntean DD**, Bădărință M, Ștefan PA, Lenghel ML, Rusu GM, Csutak C, Coroian PA, Lupean RA, Fodor D. The Diagnostic Value of MRI-Based Radiomic Analysis of Lacrimal Glands in Patients with Sjögren's Syndrome. *International Journal of Molecular Sciences*. 2022; 23(17):10051.
- Muntean DD**, Lenghel ML, Petea-Balea D-R, Ciurea AI, Solomon C, Ducea SM. Functional Evaluation of Major Salivary Glands Using Viscosity PLUS and 2D Shear-Wave PLUS Elastography Techniques in Healthy Subjects - A Pilot Study. *Diagnostics*. 2022; 12(8):1963.
- Muntean D**, Lenghel M, Ciurea A, Ducea S. Viscosity Plane-wave UltraSound (ViPLUS) in the assessment of parotid and submandibular glands in healthy subjects - preliminary results. *Med Ultrason*. 2022;24(3):300-304.
- Petea-Balea D-R, Solomon C, **Muntean DD**, Dulgheriu I-T, Silaghi CA, Ducea SM. Viscosity Plane-Wave UltraSound (Vi PLUS) in the Evaluation of Thyroid Gland in Healthy Volunteers—A Preliminary Study. *Diagnostics*. 2022; 12(10):2474.
- Dulgheriu I-T, Solomon C, **Muntean DD**, Petea-Balea R, Lenghel M, Ciurea AI, Ducea SM. Shear-Wave Elastography and Viscosity PLUS for the Assessment of Peripheric Muscles in Healthy Subjects: A Pre- and Post-Contraction Study. *Diagnostics*. 2022; 12(9):2138.
- Muntean D**, Ducea S, Lenghel M, Solomon C, Iuga T, Rotar H. Mucosa-associated lymphoid tissue lymphoma of the parotid gland - a case report. *Med Ultrason*. 2021 Aug 11;23(3):364-366.
- Marginean AN, **Muntean DD**, Muntean GA, Priscu A, Groza A, Slavescu RR, et al. Reliable Learning with PDE-Based CNNs and DenseNets for Detecting COVID-19, Pneumonia, and Tuberculosis from Chest X-Ray Images. *Mathematics*. 2021; 9(4):434

Book chapters

- Muntean Delia**. Pathology of the thoracic cage and diafragm (2022). Book Chapter in "Radiology for medical students – Volume II", Editor Anca I. Ciurea. Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca; ISBN: 978-606-075-088-8
- Muntean Delia**. Chronic obstructive pulmonary disease (2022). Book Chapter in "Radiology for medical students – Volume II", Editor Anca I. Ciurea. Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca; ISBN: 978-606-075-088-8
- Muntean Delia**. Anatomy of the central nervous system (2022). Book Chapter in "Radiology for medical students – Volume II", Editor Anca I. Ciurea. Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca; ISBN: 978-606-075-088-8
- Feier D, **Muntean D**, Bastati N, Ba'ssalamah A (2019). Current Noninvasive MR-Based Imaging Methods in Assessing NAFLD Patients. Book Chapter in "Nonalcoholic Fatty Liver Disease - An Update" ISBN: 978-1-83962-870-2; DOI: 10.5772/intechopen.82096.
- Muntean D**, Sava M, Samsodan I, Stefan A, Sultiu A. Giant splenic lymphoma – Case report. Book chapter in "Cases presented by students" (2014). Casa Cărții de Știință, Cluj-Napoca. ISBN: 978-606-17-0604-4.

Other Scientific Presentations

- Oral Presentation: Imaging in Otosclerosis – the radiologist's perspective. **The 8th Romanian Conference of ORL Imaging Society**, October 6-8, 2023, Bucharest
- Oral Presentation: Imaging challenges in the most important gastrointestinal emergencies. **Emergency Medicine Interdisciplinary Congress**, July 5-7, 2023, Cluj-Napoca
- Oral Presentation: Giant cavernous hemangioma of the tongue base. **The 7th Romanian Conference of ORL Imaging Society**, September 9-11, Bucharest
- Poster presentation: The Functional Assessment of the Parotid Glands in Healthy Subjects using the Novel Shear-Wave PLUS Elastography and Viscosity PLUS Techniques. **The 18th WFUMB Congress**, May 25-28, 2022, Timișoara, RO
- Oral Presentation: MRI of the parotid space – a roadmap for radiologists. **Romanian National Congress of Radiology**, online, October 1-5, 2020
- Oral presentation: Sonographic Assessment of Thyroid Nodules – How to report. **Romanian National Congress of Radiology**, October 3-5, 2019, Sovata, Romania

Oral Presentation: Hepatic actinomycosis secondary to gastric perforation caused by the accidental ingestion of a foreign body - The diagnostic value of imaging. **Romanian Society for Ultrasound in Medicine and Biology Conference**, 21st Edition, May 17-19, 2018, Cluj-Napoca, Romania

Oral Presentation: Liver fibrosis assessment in patients with diffuse liver disease using Supersonic Shear Wave Elastography. **Leiden International Medical Students' Conference**, March 15-19, 2017, Leiden, Holland

Awards/Prizes

Ist Prize - Oral Presentation - Lactational breast abscess - the role of ultrasonography. National Breast Imaging Conference, 9th Edition, November 16-17, 2018, Sibiu, Romania

Ist Prize - Poster Section - Severe Acute Liver Failure presented as a rare type of Hereditary Hemochromatosis associated with hemolytic anemia. MEDICALIS International Congress 16th Edition, May 14-17, 2015, Cluj-Napoca, Romania

Ist Prize - Clinical Anatomy Contest and **IIIrd Prize - Neuroanatomy Contest** - MEDICALIS International Congress 14th Edition, May 16-19, 2013, Cluj-Napoca, Romania

IInd Prize - Clinical Anatomy Contest - MEDICALIS International Congress 13th Edition, May 10-13, 2012, Cluj-Napoca, Romania

Special Mention – National Biology Olympiad 2010, 2009, 2008

Professional Memberships

European Society of Head and Neck Radiology (**ESHNR**)

European Society of Radiology (**ESR**)

Radiological Societies of North America (**RSNA**)

Romanian Society of Radiology (**SRIM**)

Hobbies/Interests

Travelling, painting, winter sports, hiking, table tennis

Date: 08.11.2023

