



Andrada - Crina ȚURCAŞ

MD, PhD

E-mail: andrada.turcas@ubbcluj.ro, andrada.turcas@iocn.ro

WoS ID: HTO-0764-2023

ORCID: 0000-0002-0993-1288

LinkedIn: <https://www.linkedin.com/in/andradaturcas/>

PROFESSIONAL EXPERIENCE

Ian. 2019 – în curs

Radiation Oncologist

Radiotherapy Department- Oncology Institute ”Prof. Dr. Ion Chiricuță”

Cluj-Napoca | Romania

Final results: Radiotherapy Residency Programme: 10; Specialty/board examination: 9. 86.

- Clinical and research activities

Feb. 2025- în curs

Scientific Researcher gr. III

Institute of Advanced Studies in Science and Technology

Babeș-Bolyai University

Cluj-Napoca | România

Assistant professor

University of de Medicine and Pharmacy ”Iuliu Hatieganu”

Cluj- Napoca | Romania

- Teaching medicine and RTT students (Romanian, English, French)

Oct. 2019–Iulie 2020

Feb. 2023- Iulie 2024

Noi. 2021- Ian. 2023

Research fellow

European Organisation of Research and Treatment of Cancer (EORTC)

Bruxelles | Belgia

- Clinical and translational research, clinical trial development and support, radiotherapy quality assurance

EDUCATION

Oct. 2019 – Ian. 2024

Doctor of Philosophy (PhD in Medicine)

University of de Medicine and Pharmacy ”Iuliu Hatieganu”

Cluj-Napoca | Romania

Final result: Summa Cum Laude

2012-2018

Medical Doctor (MD)

University of de Medicine and Pharmacy ”Iuliu Hatieganu”

Cluj-Napoca | Romania

Final result: 9.79

2008-2012

Bacalaureat diploma

National ”Silvania” College

Zalau| Salaj| Romania

Final result: Valedictorian (10)

2000-2008

”Mihai Eminescu” Gymnasium– German class

Art Highschool ”Ioan Sima”- Piano and Musical Theory

Zalau| Salaj| Romania

Final result: Sef Promotie (media 10)

INTERNATIONAL COMMITTEES and FELLOWSHIPS

Mai 2024- în curs

SIOP Europe Radiation Oncology Working Group Steering Committee

Link: <https://siope.eu/ROWG-Steering-Committee-Members>

<i>Oct 2023- în curs</i>	ESTRO - CNS Focus Group Link: https://www.estro.org/About/ESTRO-Organisation-Structure/Focus-Groups/CNS
<i>Sep. 2022- Sep 2024</i> <i>Oct 2024- în curs</i>	EANO Youngsters Committe Link: https://www.eano.eu/eano-youngsters/about-eano-youngsters/
<i>Feb. 2023- în curs</i>	EORTC- YECI-ROSC Steering committee- Secretary
<i>Mai 2023- Mai 2024</i>	ESTRO Mentorship Programme Mentor- Prof. Dr. Jean-François Daisne, UZ Leuven, Belgium
<i>Mai 2023- Oct 2024</i>	Clinical Oncology (Journal) Fellow- Peer Review Training Programme (UK) Link: https://www.rcr.ac.uk/news-policy/latest-updates/clinical-oncology-2023-peer-review-trainees-chosen/

CLINICAL VISITS

<i>Junie 2022</i>	The West German Proton Therapy Centre - Essen, Germany <ul style="list-style-type: none"> • <i>PROS conference 2022</i>
<i>Mar- Apr 2022</i>	Jules Bordet Institute- Bruxelles, Belgium <ul style="list-style-type: none"> • <i>Radiotherapy Department</i>
<i>Mar 2023</i>	Oslo University Hospital, Radiumhospitalet, Norway <ul style="list-style-type: none"> • <i>Radiotherapy Department</i>
<i>Feb 2024</i>	Hospital Sant Joan de Déu Barcelona, Spain <ul style="list-style-type: none"> • <i>INTERACT EUROPE 100 Kick-Off Meeting</i>

AWARDS and COMPETITIONS

RISING STAR AWARD- European Cancer Organisation

- *Offered by the European Cancer Foundation - European Cancer Summit- 15-16 Nov. 2023, Bruxelles, Belgium*

JOURNAL OF RADIOTHERAPY AND MEDICAL ONCOLOGY

- *Case report contest 2022 - 2nd and 3rd place*

YOUNG RADIATION ONCOLOGIST SESSION CONTEST

- *Romanian Society of Radiation and Medical Oncology National Conference (SRROM), 2019, Cluj-Napoca, Romania- 1st prize*

NATIONAL CHEMISTRY OLYMPICS

(Special Mention- Nationals 2008,2009,2011)

(Mention- Nationals 2007, 2010)

(First place/prise- County 2007-2011)

NATIONAL JUNIOR CONTEST OF SCIENCE

(Special mention- Nationals 2008)

(2nd prize- County)

NATIONAL OLYMPICS OF GERMAN LANGUAGE

(Nationals participation, 2nd prize- county)

NATIONAL „CHIMEXPERT” CONTEST

(1st prize- Nationals)

Presentations and Lectures

INTERNATIONAL

“European patterns of practice for adaptive radiotherapy in children”

SIOP 2025 (The 57th Congress of the International Society of Paediatric Oncology)- 20-23 October, Amsterdam, The Netherlands
Poster presentation

“Adaptive Radiotherapy in Paediatric Patients Across Europe”

SIOPE Europe meeting 12-16 May 2025, Budapest, Hungary
Oral lecture- invited speaker

“Adaptive radiotherapy in paediatric patients: a SIOP Europe ROWG Survey to map European patterns of practice”

ESTRO 2025- 2-6 May 2025, Vienna, Austria
Poster presentation

“Bringing the Next Generation Forward- Young Researcher Perspective”

ESTRO 2025- Young Symposium- 2-6 May 2025, Vienna, Austria
Oral lecture- invited speaker

“Updates on Radiotherapy Modalities”

EANO 2024 Annual Meeting, Educational Day, 17-20 Oct 2024, Glasgow, Scotland, UK
Oral lecture- invited speaker

“Dynamics of post-radiotherapy morphological changes in the brain”

EANO 2024 Annual Meeting, 17-20 October 2024, Glasgow, Scotland, UK
Poster presentation

“Radionecrosis versus second malignancy: brainstem lesion 19 years after pediatric medulloblastoma treatment”

EANO 2024 Annual Meeting, , 17-20 October 2024, Glasgow, Scotland, UK
Poster presentation

“Nurturing the future: Inspiring innovation through national young radiation oncology societies: eastern perspective”-

ESTRO 2024 Congress, 3-7th May 2024, Glasgow, Scotland
Oral lecture- invited speaker

“Dose-Volume predictors of acute hematologic toxicity during paediatric CSI”

ESTRO 2024 Congress, 3-7th May 2024, Glasgow, Scotland
Poster presentation

“Initial report of the SIOP Europe QUARTET project on the profile of centres participating in paediatric RT clinical trials”-

The 55th Congress of the International Society of Paediatric Oncology (SIOP)- 11-14th October 2023, Ottawa, Canada
Oral lecture (accepted abstract)

“Paediatric Radiotherapy in Romania- Current provision and challenges:a survey by the SIOP Europe QUARTET project”

The 55th Congress of the International Society of Paediatric Oncology (SIOP)- 11-14th October 2023, Ottawa, Canada
Poster presentation

„Deep Learning-Based Automatic Segmentation for Brain OARs: Accuracy and Dosimetric Impact

ESTRO 2023, 12-16 Mai , Vienna, Austria
Poster presentation

„Profile of centres participating in paediatric radiotherapy clinical trials: initial QUARTET report”

ESTRO 2023, 12-16 Mai, Vienna, Austria
Poster presentation

“MVision AI segmentation for brain MRI”

ESTRO 2023, 12-16 Mai, Vienna, Austria
Oral lecture (unsponsored symposia)

„Paediatric Radiation Oncology across Countries with Limited Resources”

4th SIOP Europe Annual meeting- 8-12 May 2023, Valencia, Spain
Oral lecture- invited speaker

“Utility of developing a paediatric atlas library”

4th SIOP Europe Annual meeting- 8-12 May 2023, Valencia, Spain
Oral lecture- invited speaker

„Profile of institutions participating in QUARTET-affiliated trials”

4th SIOP Europe Annual meeting- 8-12 May 2023, Valencia, Spain
Oral lecture- invited speaker

“Update on paediatric radiotherapy quality assurance projects”

QUARTET Annual Face-to-face meeting, 3-4th Sep. 2022, Brussels, Belgium
Oral lecture- invited speaker

“The Vertebrae as OARs in Paediatric Radiotherapy Clinical Trials”

The 54th Congress of the International Society of Paediatric Oncology (SIOP 2022)- Sep. 2022, Barcelona, Spain
Oral lecture (abstract)

“The Vertebrae as OARs in Paediatric Radiotherapy Clinical Trials: Initial QUARTET Experience”

Congress of the International Paediatric Radiation Oncology Society (PROS) - June 2022- Essen, Germany
Oral lecture (abstract))

“RTQA Training Packages in QUARTET - An example from CNS”

3rd SIOP Europe Annual Meeting 23-25 March 2021

Oral lecture- invited speaker

“Vertebral contouring and dosimetry in FaR RMS and HRNBL2”

3rd SIOP Europe Annual Meeting 23-25 March 2021

Oral lecture- invited speaker

“Second, Peculiar Recurrence of a Wilms Tumour: Peculiar and Late”

ERN-PaedCan Webinar Series- 16 Feb. 2022

Oral lecture- invited speaker

“Update on QUARTET projects”

QUARTET Annual meeting- 27 Jan. 2022

Oral lecture- invited speaker

“RTQA for MYKIDS trial”

EpSSG RT Committee meeting- Nov. 2021

Oral lecture- invited speaker

“Osteosarcoma management in an adolescent - Case Presentation”

ESO-SIOPe Masterclass in Paediatric Oncology- 2020, online

Oral lecture

“Medulloblastoma radiotherapy- case presentation”

ESTRO Course- Paediatric Radiotherapy- 2020, online

Oral lecture

“LGG case presentation”

Neuro-Oncology: Multidisciplinary Management of Adult Brain Tumours- 11- 13 Dec. 2020, online

Oral lecture

NATIONAL

„Updates in paediatric brain tumour radiotherapy”

Comprehensive Advancements on Research and Exchanges for Neuro-Oncology - 23rd of October 2025, Sibiu, Romania

Oral lecture- invited speaker

„Precision, Compassion, Innovation: A New Era in Paediatric Cancer Care”

National Scientific Forum of Romanian Oncologists-15-17 May 2025

Oral lecture- invited speaker

Best of ASTRO Romania

Central Nervous System and Paediatric Radiotherapy- 16-17 May 2025, Cluj-Napoca, Romania

Oral lecture- invited speaker

„Management of Relapsed Gliomas: Current Approaches and Future Perspectives”

Comprehensive Advancements in Research and Exchanges for Neuro-Oncology, 23-26 Octombrie 2024, Sibiu, Romania

Oral lecture- invited speaker

Best of ASTRO Romania

Central Nervous System and Paediatric Radiotherapy- 28-29th of June 2024, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Alternatives to General Anaesthesia for paediatric radiotherapy”

The Days of the Oncology Institute Cluj-Napoca, 14-16th of June 2024, Cluj-Napoca, Romania

Oral lecture- invited speaker

“The role of radiotherapy in the multidisciplinary management of paediatric cancer”

Paediatric days conference – 6-8th of June 2024, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Practical aspects of paediatric radiotherapy”

The 17th postgraduate course for RTTs and radiotherapy nurses-25-26 May 2024, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Radiotherapy for in a nephroblastoma patient requiring anaesthesia”

Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4th of November 2023, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Paediatric radiotherapy in Romania”

Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4th of November 2023, Cluj-Napoca, Romania

Oral lecture- invited speaker

“How to survive peer review”

Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4th of November 2023, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Technological progress in radiotherapy: the role of artificial intelligence in radiotherapy”

The 16th postgraduate course for RTTs and radiotherapy nurses-26-27 May 2023, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Algorithms for dose calculation in radiotherapy”

The 16th postgraduate course for RTTs and radiotherapy nurses-26-27 May 2023, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Accuracy and dosimetric impact of deep-learning, MRI-based automatic segmentation for OARs in the Brain”

National Scientific Forum of Romanian Oncologists-3rd edition- 18-20 May 2023

Oral lecture- invited speaker

“Best of ASTRO Romania”

Central Nervous System Radiotherapy- 5-6 May 2023, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Radio-Chemotherapy in Malignant Gliomas - Future Perspectives”

Romanian-German Course on Brain Tumours, 20-22nd of April 2023, Cluj-Napoca, Romania

Oral lecture- invited speaker

“Radiotherapy Quality Assurance in Paediatric Clinical Trials”

33rd Romanian Society of Radiotherapy and Medical Oncology Congress 13th – 16th October 2022

Oral lecture- invited speaker

“Particular aspects of Radiotherapy in Pediatric and AYA patients”

33rd Romanian Society of Radiotherapy and Medical Oncology Congress 13th – 16th October 2022

Oral lecture- invited speaker

“Quality Assurance for Radiotherapy”

National Postgraduate Course on Advanced Radiotherapy Techniques for Nurses and RTTs-

University of Medicine and Pharmacy “Iuliu Hatieganu”, Cluj-Napoca, Romania

Oral lecture- invited speaker

“RTQA in Clinical Trials”

Young Oncologist Forum- 12-14 May 2022, Poiana Brasov, Romania

Oral lecture- invited speaker

“Dosimetric comparison between 3DCRT/VMAT/Tomotherapy in a patient with metastatic Nephroblastoma”

30th Congress of SRROM/7th Congress of FSRC, Online, 14-16 Oct 2021, online

Oral lecture- abstract

“Tomotherapy- technical aspects and clinical use”

Scientific Conference of The Young Oncologists, 18-20th February 2020, Romania, online

Oral lecture- invited speaker

Pediatric Radiotherapy courses

Development and presentation- part of an Iceland- Liechtenstein- Norway grant

<https://oncopediatrie.com/ro/acasa/>, 2020-2021, Cluj-Napoca, Romania

- General aspects in pediatric radiotherapy

- Radiotherapy in Pediatric Hematology

- Radiotherapy in Pediatric Tumors of the Central Nervous System

- Radiotherapy in Pediatric Sarcomas

- Radiotherapy in Pediatric Liver and Kidney Tumors

“Multidisciplinary collaboration in diagnosing and treating a rare oncological case”

The Oncology Institute “Prof. Dr. Ion Chircuță” Cluj-Napoca Days, 20-22 June 2019, Cluj-Napoca, Romania

Oral lecture- invited speaker

”A rare case of Muir Torre syndrome”

29-th Congress of SRROM / 6-th Congress of FSRC, Cluj-Napoca, 17th October 2019, Cluj-Napoca, Romania

Oral lecture- abstract

“Prognostic Factors in Cervical Cancer at The Oncology Institute” Prof. Dr. Ion Chircuță, Cluj-Napoca”

29-th Congress of SRROM / 6-th Congress of FSRC, Cluj-Napoca, 17th October 2019, Cluj-Napoca, Romania

Oral lecture- abstract

Scientific publications

Gleim, N., **Turcas, A.**, Minniti, G., Grosu, A.L., Kazda, T., Harat, M., Fernandez, S., Niyazi, M., Nicolay, N.H., Seidel, C., 2025. Neuroprotection in radiotherapy of brain metastases – a European pattern-of-care analysis by the ESTRO CNS Focus group. **Radiotherapy and Oncology** 209. <https://doi.org/10.1016/J.RADONC.2025.111000> (Q1)

Turcas A, Thippu Jayaprakash K. OncoFlash - Research Updates in a Flash! **Clin Oncol (R Coll Radiol)**. 2025 Apr;40:103803. doi: 10.1016/j.clon.2025.103803. Epub 2025 Mar 10. PMID: 40107909. (Q1)

Andrade Turcas, B. Homorozeanu, C. Gheara, C. Balan, R. Cosnarovici, O. Diaconu, Z. Fekete, E. Mihut, D. Olteanu, P. Pruteanu, A. Tipcu, A. Turcas, D. Cernea, D. Leucuta, P. Achimas-Cadariu- Dynamics and predictors of hematologic toxicity during crano-spinal irradiation, **Reports of Practical Oncology and Radiotherapy**, DOI: 10.5603/rpor.101094 (Q3)

Turcas A, Simões R. OncoFlash - Research Updates in a Flash! **Clin Oncol (R Coll Radiol)**. 2024 Sep;36(9):529-531. doi: 10.1016/j.clon.2024.05.010; (Q1)

Andrade Turcas, Sarah M Kelly, Valérie Bernier-Chastagner, Stephanie Bolle, Alison Cameron, Coreen Corning, Enrico Clementel, Karin Dieckmann, Raquel Davila Fajardo, Mark N. Gaze, Anne Laprie, Henriette Magelssen, Silvia Meroni, Emanuele Pignoli, Akmal Safwat, Giovanni Scarzello, James Talbot, Beate Timmermann, Tom Boterberg, Henry C. Mandeville-Management of the vertebrae as an organ at risk in paediatric radiotherapy clinical trials: Initial QUARTET experience, **Radiotherapy and Oncology**, Volume 187, 2023, 109810, ISSN 0167-8140 <https://doi.org/10.1016/j.radonc.2023.109810> (Q1)

Turcas A, Leucuta D, Balan C, Clementel E, Gheara C, Kacso A, Kelly SM, Tanasa D, Cernea D, Achimas-Cadariu P. Deep-learning magnetic resonance imaging-based automatic segmentation for organs-at-risk in the brain: Accuracy and impact on dose distribution. **Phys Imaging Radiat Oncol**. 2023 Jun 6;27:100454.

<https://doi.org/10.1016/j.phro.2023.100454>

Andrada Turcas, Sarah M. Kelly, Anne Blondeel, Monica Chirila, Dana M. Cernea, Henry C. Mandeville, Current provision and challenges for paediatric radiotherapy in Romania: a survey by the SIOP Europe QUARTET project, **European Journal of Cancer Paediatric Oncology**, 2023, 100007, ISSN 2772-610X, <https://doi.org/10.1016/j.ejcped.2023.100007>.

Co-first author: S.M. Kelly and **A Turcas**, C Corning, S Bailey, A Cañete, E Clementel, A di Cataldo, K Dieckmann, M N Gaze, G Horan, M Jenney, R Ladenstein, L Padovani, D Valteau-Couanet, T Boterberg, H Mandeville, Radiotherapy quality assurance in paediatric clinical trials: first report from six QUARTET-affiliated trials, **Radiotherapy and Oncology**, 2023, 109549, ISSN 0167-8140, <https://doi.org/10.1016/j.radonc.2023.109549> (Q1)

A. Turcas, S.M. Kelly, E. Clementel, D. Cernea, Tomotherapy for Cranio-Spinal Irradiation, **Clinical & Translational Radiation Oncology** (2022), doi: <https://doi.org/10.1016/j.ctro.2022.11.003>

Andrada Turcas, Bogdan Fetica, Adrian Trifa, Viorica Nagy. Muir-Torre Syndrome: a Long Way to Diagnosis. **Journal of Medical & Radiation Oncology**. 2023, Apr 1, III(1); 47-55; <https://doi.org/10.53011/JMRO.2023.01.08>

Turcas A, C. Gheara, V. Galatan, C. Blag, D. Cernea, Second, Peculiar Recurrence of a Wilms Tumor- Pleural and Late. **Journal of Medical & Radiation Oncology**. 2022 Dec 1; II(2):46–51. <https://doi.org/10.53011/JMRO.2022.02.07>

Adaptive radiotherapy in paediatric patients: a SIOP Europe ROWG Survey to map European patterns of practice
A Turcas, S Bolle, RD Fajardo, M Fiorente, SM Kelly... - Radiotherapy and Oncology, 2025

4125 High-penetrance genetic mutations in breast cancer patients: radiotherapy outcomes and toxicities

HA Ciliboaie, A Tipcu, N Antone, I Brie, A Catana, Vlad Coltea, Andrei Man, Marius Maxin, Adrian Trifa, **Andrada Turcas**, Daniela Martin - Radiotherapy and Oncology, 2025

A Turcas, E Mihut, B Homorozeanu, G Avram, A Roman, Z Fekete, P13.13.B Radionecrosis versus second malignancy: brainstem lesion 19 years after paediatric medulloblastoma treatment, **Neuro-Oncology**, Volume 26, Issue Supplement_5, October 2024, Page V74, <Https://Doi.Org/10.1093/Neuonc/Noae144.246>

A Turcas, A Tipcu, B Homorozeanu, D Cernea, A Turcas, D Leucuta, P Achimas-Cadariu, P13.05.B Dynamics of post-radiotherapy morphological changes in the brain, **Neuro-Oncology**, Volume 26, Issue Supplement_5, October 2024, Page v72, <https://doi.org/10.1093/neuonc/noae144.238> (Q1)

Turcas, A., Homorozeanu, B., Leucuta, D., Balan, C., Cosnarovici, R., Diaconu, O., Fekete, Z., Gheara, C., Mihut, E., Olteanu, D. and Pruteanu, P., 2024. 695: Dose-Volume predictors of acute hematologic toxicity during pediatric cranio-spinal irradiation. **Radiotherapy and Oncology**, 194, pp.S2024-S2026. [doi:10.1016/s0167-8140\(24\)01248-9](doi:10.1016/s0167-8140(24)01248-9) (Q1)

Turcas, A., Kelly, S., Clementel, E., Gaze, M., Gandola, L., Horan, G., Padovani, L., Corning, C., Boterberg, T. and Mandeville, H., 2023. PO-1737 - Profile of centres participating in paediatric radiotherapy clinical trials: initial QUARTET report. **Radiotherapy and Oncology**, 182, pp.S1456-S1457. (Q1)

Turcas, A., Kelly, S., Clementel, E., Gaze, M., Gandola, L., Horan, G., Padovani, L., Corning, C., Boterberg, T. and Mandeville, H., 2023, November.- “Initial report of the SIOP Europe QUARTET project on the profile of centres participating in paediatric radiotherapy clinical trials.” In **Pediatric Blood & Cancer** (Vol. 70, pp. S73-S74). 111 River St, Hoboken 07030-5774, NJ USA: Wiley.

Andrada Turcas, Sarah Kelly, Tom Boterberg, Henry Mandeville -The vertebrae as OARs in paediatric radiotherapy clinical trials- **Pediatric Blood & Cancer** Volume 69: Abstracts from the 54th Congress of the International Society of Paediatric Oncology- <https://doi.org/10.1002/pbc.29952>

A. Turcas, S. Kelly, T. Boterberg, H. Mandeville, The Vertebrae as OARs in Paediatric Radiotherapy Clinical Trials: Initial QUARTET experience, **International Journal of Radiation Oncology* Biology* Physics**, Volume 114, Issue 5, 2022, Page 1073, ISSN 0360-3016, <https://doi.org/10.1016/j.ijrobp.2022.09.039> (Q1)

Kelly, Sarah, **Andrada Turcas**, Coreen Corning, Tom Boterberg, Mark Gaze, Gail Horan, and Henry Mandeville. "Delivering centralised peer-review in paediatric clinical trials-results for treatment plan reviews performed by siop europe's quartet project." in **Pediatric Blood & Cancer**, vol. 70, pp. S73-s73. 111 river st, hoboken 07030-5774, NJ USA: WILEY, 2023.

Kelly, S., **Turcas, A.**, Corning, C., Boterberg, T., Gandola, L., Gaze, M., Horan, G., Padovani, L. and Mandeville, H., 2023. OC-0422 Treatment planning compliance rates in paediatric clinical trials: preliminary report from QUARTET. **Radiotherapy and Oncology**, 182, pp.S324-S325. (Q1)

Acknowledged in: Jan-Michael Werner, George E D Petrescu, Florien Boele, Matthias Preusser, Michael Platten, Anthony J Chalmers, Susan C Short, Karin Piil, Chairing scientific sessions at international Neuro-Oncology meetings: An EANO guide for early-career professionals, **Neuro-Oncology Practice**, 2024;, npae060, <https://doi.org/10.1093/nop/npae060>

Courses, workshops

- ESTRO School**
 - ESTRO course- Evidence Based Radiation Oncology- 20-24 May 2024, Online
 - ESTRO Course- Implementation of Stereotactic Radiotherapy- 8-12 Nov 2023, Prague, Czech Republic
 - ESTRO Course- Basic Clinical Radiobiology- 9-13th September 2023, Porto, Portugal
 - ESTRO Falcon Course – H&N OARs- 18 -26 May 2022
 - ESTRO Falcon Course – CNS- 12 -19 April 2022
 - ESTRO Course- Paediatric Radiotherapy - 22 Nov.- 15 Dec. 2021
 - ESTRO Course- Basic Clinical Radiobiology- online- 4 -8 September 2021
 - ESO-ESTRO Workshop on radiotherapy planning: Exercise for cases of glioma and metastasis
- ESMO**
 - ESMO Preceptorship on Brain Tumours- 11-12 October 2019, Lugano, Switzerland
- ESO/ ESCO**
 - ESCO fellow – since March 2022
 - 8th ESO-SIOP Europe Masterclass in Paediatric Oncology- 26-28 November 2021
 - Neuro-Oncology Masterclass: Multidisciplinary Management of Adult Brain Tumors- 11-13 December 2020
- ASTRO**
 - **ASTRO workshop on CNS tumors**- 22nd of September 2022

Conferences, symposia

INTERNATIONAL

- ESTRO**
 - **ESTRO 43 Congress**- 2-6 May 2025, Vienna, Austria
 - **ESTRO 42 Congress**- 3-7 May 2024, Glasgow, Scotland
 - **ESTRO 41 Congress**- 12-16 May 2023, Vienna, Austria
 - **ESTRO 40 Congress** - 6-11 May 2022, Copenhagen, Denmark
 - **ESTRO 38 Congress**- 26-30 April 2019, Milan, Italy
- ESMO**
 - **ESMO Congress 2021**- September 2021 (Online)
- ESO/ ESCO**
 - **6th ESO-ESMO-RCE Clinical update on Rare Adult Solid Cancers**- 29-30 Jan 2022
 - **2021 Top 10 scientific highlights in paediatric oncology**- 16th of December 2021
 - **5th ESO-ESMO-RCE Clinical update on Rare Adult Solid Cancers**- 4th of December 2021
 - **How to assess plan quality in radiotherapy treatments**- 1st of December 2021
 - **The role of MRgRT in pelvic malignancies**- 23 July 2020
 - **Pancreatic cancer and gallbladder metastatic systemic treatment**- 14th of July 2020
 - **Management of CNS Tumors** – focus on anatomy of tumors and organs at risk for radiotherapy planning- 9th of July 2020
 - **Hodgkin's disease in childhood and adolescence** – 18 June 2020
 - **The role of molecular biomarkers and treatment landscape for advanced colorectal cancer**- 23rd of April 2020

- **FLASH radiotherapy: evolution or revolution?** - 22nd of April 2020

EANO

- **EANO 2024 Annual meeting**- 17-21 October 2024, Glasgow, UK
- **EANO 2022 Annual meeting**- 15-18 Sept. 2022- Vienna, Austria
- **Tumor board on adult medulloblastoma** – 15 Dec. 2021
- **EANO webinar on NeuroRadiotherapy** 101- 13th of January 2021
- **EANO webinar on EANO Guidelines**- 16th of December 2020
- **Novel insights on hypermutated IDH mutated gliomas and temozolomide treatment of IDHwt astrocytoma**- 2 Dec 2020
- **EANO Tumorboard 2**- 4th of November 2020
- **Outcome assessments section**- 21st of October 2020
- **Joint EANO-EAN webinar on Neurotoxicity from antineoplastic treatments**- 11th of September 2020
- **Brain metastatic disease in the targeted era: improved outcome by changed strategies**- 10th of Sept. 2020
- **Cancer Neuroscience: on neurons, glioma and the immune system**- 9th of September 2020

**SIOP/PROS/
SIOPE**

- **The 55th Congress of the International Society of Paediatric Oncology (SIOP 2023)**- Oct 2023, Ottawa, Canada
- **4th SIOP Europe meeting**- 8-12 May 2023, Valencia, Spain
- **The 54th Congress of the International Society of Paediatric Oncology (SIOP 2022)**- 28th Sep- 1st Oct, Barcelona, Spain
- **Congress of the International Paediatric Radiation Oncology Society (PROS 2022)** - 8-11 June, Essen, Germany
- **3rd SIOP Europe Annual Meeting**, 23-25 March, Virtual

Other

- **IAEA Regional Workshop on Paediatric Radiotherapy**- 13-19 April 2024, Izmir, Turkey
- **EORTC-ROSC State of Science Workshop**- 22-24 February 2024, Bruxelles, Belgium
- **EORTC- BTG spring meeting**- Online, 21st of March 2024
- **QUARTET annual F2F meeting**- 16th of November 2023- Bruxelles, Belgium
- **INTERACT-EUROPE Kick-off event**-9-10 February 2024, Barcelona, Spain
- **QUARTET Annual Face-to-face meeting**, 3-4th of September 2022, Brussels, Belgium
- **EORTC- BTG Spring Meeting**- 18th of March 2022
- **ACCELERATE Annual Conference**- 10-11 February 2022
- **Breast Cancer Debate of the Year**"- 28.01.2022, Institut Jules Bordet / BSMO, Brussels, Belgium
- **"Best of SABCS 2021"**- 29.01.2022, Institut Jules Bordet / BSMO, Brussels, Belgium
- **International Childhood Cancer Awareness Day 2022**- EU Policy Webinar
- **EuroEwing Consortium Network Meeting** -25th of January 2022
- **QUARTET Annual Meeting**- 27th of January 2022
- **SIOPe-BTG Winter meeting**- 18th of February 2022
- **ERN-PaedCand General Assembly** -30 Nov- 1 Dec 2021
- **EPSSG RT Committee Winter Meeting**- 25th of November 2021
- **Paris 1st course on Pediatric CNS Tumors** - 20-22 September 2021
- **International Conference on Advances in Radiation Oncology (ICARO3)**-16-19 Feb. 2021
- **GATK webinar: Radiotherapy for Pediatric Malignancies**- November 4, 2020
- **ESOI-ESTRO 2020 Webinar 09 - Lung cancer: A multidisciplinary approach to imaging**- 28th of October 2020
- **Fundamentals of GCP** - Certificate no. EORTCFundamentalsGCP22/012- Faculty of Pharmaceutical Medicine of the Royal Colleges of Physicians of the UK

NATIONAL

- **National Scientific Forum of Romanian Oncologists-3rd edition- 18-20 May 2023**
- **The 26th Romanian-German Course on Brain Tumors- 20-22 April 2023, Cluj-Napoca, Romania**
- **The 11th Neurosurgical Masterclass- Neuro-Oncology- 3-5 March 2023, Cluj-Napoca, Romania**
- **Workshop- „Specific tumour targeting optic nano-probes for real-time surgical guidance in ovarian cancer”- 16 January 2023- Oncology Institute Cluj-Napoca, Romania**
- **33rd Romanian Society of Radiotherapy and Medical Oncology Congress- Oct 13-16, 2022, Sinaia, Romania**
- **Young Oncologist Forum- 12-14 May 2022, Poiana Brasov, Romania**
- **30th Congress of SRROM / 7th Congress of FSRC- 14- 16 October 2021**
- **Cancer immunotherapy- 20- 23 February 2020, Timisoara, Romania**
- **Best of ESGO 2019 Romania- 4th December 2019, Cluj-Napoca, Romania**
- **Diagnosis and treatment of Adrenal Gland Tumors- 14 November 2019, Cluj-Napoca, Romania**
- **Thyroid cancer- 03 October 2019, The Oncology Institute Prof. Dr. Ion Chiricuță, Cluj-Napoca, Romania**
- **29-th Congress of SRROM / 6-th Congress of FSRC, Cluj-Napoca, 17th October 2019, Cluj-Napoca, Romania**
- **Update on best clinical practice in oncology- “Summer school in oncology”- 10-13 June, Bucharest, Romania**
- **Best of ASTRO Romania- RSRMO- 17-18 May 2019, Cluj-Napoca, Romania**
- **Diagnosis and treatment of testicular tumors – 3 April 2019, Cluj-Napoca, Romania**
- **Challenges and perspectives in Gynecological Oncology- 22-23 March 2019, Bucharest, Romania**
- **Diagnosis and treatment of soft tissue tumors – 04 March 2019, Cluj-Napoca, Romania**

Projects, Communication, Leadership

International Projects

- **JANE 2- EU joint action on Networks of Expertise on Cancer**
 - Responsible Task 8.4
- **EUonQoL-OECI**
 - Investigator- validation of an European-wide QoL questionnaire within oncological patients
- **IAEA ROM2024003**
 - Initiator and coordinator- quality improvement in paediatric and adult radiotherapy across Romania
- **IAEA RER6043 -EVT2306853 Regional Workshop on the Status of Paediatric Radiotherapy Services**
- **INTERACT-EUROPE 100**
 - Kick-Off Event- Barcelona, Spain, 8-9 Februarie 2024
 - Trainer- IOCN
- **“Cooperation strategy for knowledge transfer, internationalization and curricula innovation in the field of research education at the 3rd level of study- AURORA”**
 - 29th Nov- 3 Dec- University of Iceland, Reykjavik, Iceland
 - 26th-31st of March- University of Oslo, Norway
- **IAEA Technical Cooperation Project- INT 6065- „Contributing towards. Improved Survival in Childhood. Cancer Using Radiation Medicine and Nutrition”**
- **European Cancer Organisation- Cancer Workforce Shortages and Working Condition- European Cancer Organization**
- Participation in international working groups and research projects
 - **SIOP Europe**
 - Anaesthesia for Paediatric Radiotherapy Working Group
 - Surface Guided Radiotherapy in Paediatric Oncology Working Group

- ESTRO-CNS Focus group
- EORTC-RP2254- NEUROCOG
- SMILE- international study on post-irradiation dento-facial deformities in children
- European Health and Digital Executive Agency (HaDEA) consortium - ‘Study on the provision of care for Adolescent and Young Adult (AYA) cancer patients within the Union’.

Communication

- Social Media Task force- EANO (European Association of Neuro-Oncology)
- Press Interview - Virtual Reality in Paediatric Radiotherapy practice in Romania – a Little People Patient Advocacy Group Project
- Newsletter interview - SIOP Europe Radiation Oncology Working Group – 2002 Winter Newsletter
- SIOP Europe Radiation Oncology Working Group representatives meet LMIC ambassadors- July 2022- Online
- Social Media Ambassador- SIOP 2022 – Conference of the International Pediatric Oncology Society- September 2022- Barcelona, Spain

Leadership

- **Residents representative (2019- 2020)** – Institutul Oncologic ”Prof. Dr. Ion Chiricuta” Cluj-Napoca, UMF ”Iuliu Hatieganu” Cluj-Napoca
- **Coordinator Young Romanian Radiation Oncologist (YRROG)** (2022-2024)– subgroup al Societatii Romane de Radioterapie si Oncologie Medicala (SRROM), afiliat ESTRO
- **Organiser and speaker- CNS Contouring Workshop**- Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4th of November 2023, Cluj-Napoca, Romania
- **Organiser and speaker - Paediatric Radiotherapy Course**- Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4th of November 2023, Cluj-Napoca, Romania

Teaching and mentoring

- **Collaborating assistant professor**- Radiotherapy-Oncology Department, The University of Medicine and Pharmacy Cluj-Napoca— teaching medical students (Romanian and English) and RTTs (Romanian) practical aspects of radiotherapy and oncology
- **Paediatric Radiotherapy courses** (Iceland-Liechtenstein-Norway-Grant)- lecturer
- **Mentor**- University of Medicine and Pharmacy “Carol Davila”, Bucharest, Romania - Medical students research mentorship program— mentoring a 3rd year medical student on research basics.

Conference (Co)-Chairing

- SIOP-EANO joint Symposium- EANO 2024 annual meeting- 17-20 October 2024, Glasgow, Scotland, UK
- Best of ASTRO Romania- 28-29th of June 2024
- The 17th postgraduate course for RTTs and radiotherapy nurses-25-26 May 2024, Cluj-Napoca, Romania
- *Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4th of November 2023, Cluj-Napoca, Romania*
- CNS mini-oral- ESTRO congress- 12-16 May 2023- Vienna, Austria

Peer review

- ESTRO 2025 abstracts
- Clinical Oncology
- International Journal of Radiation Oncology - Biology - Physics (Red Journal)
- ESTRO 2024 abstracts
- Clinical Medicine Insights: Oncology
- Reports of Practical Oncology and Radiotherapy
- Journal Of Radiotherapy and Medical Oncology
- Physics and Imaging in Radiation Oncology
- Frontiers in Pediatrics
- EANO 2024 Abstract Reviewer

- ESTRO 2025 abstract reviewer

Language and artistic skills

Mother tongue	Română				
	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Conversation	Oral communication	
English	C2	C2	C2	C2	C2
	IELTS (7.5/8.5)				
Deutsch	B2	C1	B2	B2	C1
Other skills	Piano		Photography		

Affiliations and memberships

EANO	European Association of Neuro-Oncology
	- EANO Youngsters committee member
ESTRO	European Society for Radiotherapy and Oncology
	- Member of the Young ESTRO Opinion Panel
	- ESTRO Mentee
	- CNS focus group- full member
EORTC	Young-Early Career Investigator – Radiation Oncology Scientific Committee EORTC
YECI-ROSC	
	- Steering Committee – Secretary
	- Brain Tumour Group - member
ECO	European Cancer Organisation
	- Young Cancer Professionals Group
PROS	Paediatric Radiation Oncology Society (international)
SIOPE	European Society for Paediatric Oncology – Young SIOPE
	SIOP Europe Radiation Oncology Working Group (ROWG)- steering committee
	- Surface Guided Radiotherapy working group
	- Paediatric radiotherapy anaesthesia working group
	- Invited participant/associate in the SIOPe-BTG (Brain Tumor Group) RT committee
	- Invited participant/associate in the SIOPe- ROWG (Radiation Oncology Working Group)
	- Invited participant/associate in the EpSSG (European paediatric Soft tissue Sarcoma Group) RT committee
QUARTET	Quality and Excellence in Radiotherapy and Imaging for Children and Adolescents with Cancer across Europe in Clinical Trials
SIOP	Society for Paediatric Oncology
ESMO	European Society for Medical Oncology
ESO/ ESCO	European School/College of Oncology
	- ESCO Fellow
EEC	EuroEwing Consortium
SRROM	Romanian Society of Radiotherapy and Medical Oncology
SROHP	Romanian paediatric onco-hematology society