



# Andrada - Crina ȚURCAȘ

MD, PhD

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## EXPERIENȚA PROFESIONALĂ

Ian. 2019 – în curs

### Medic Radioterapie

Secția Radioterapie- Institutul Oncologic "Prof. Dr. Ion Chiricuță"  
Cluj-Napoca | România

Media finală/ Rezultatul final: Program Rezidentiat Radioterapie: 10; Examen specialitate radioterapie: 9.86.

- Activitate clinica si de cercetare

Feb. 2025- în curs

### Cercetator științific III/ Lector universitar/ Sef lucrari

Institutul de Studii Avansate in Stiinta si Tehnologie "STAR UBB"  
Universitatea Babeș-Bolyai  
Cluj-Napoca | România

Oct. 2019–Iulie 2020

### Asistent universitar doctorand

Universitatea de Medicina si Farmacie "Iuliu Hatieganu"

Feb. 2023- Iulie 2024

Cluj- Napoca | Romania

- Activitate de predare stagii practice- grupe sectia Romana, Engleza si Franceza -studenti Medicina Generala
- Activitate de predare stagii practice- grupe sectia Romana- studenti Radiologie-Imagistica

Noi. 2021- Ian. 2023

### Cercetator (Research fellow)

European Organisation of Research and Treatment of Cancer (EORTC)  
Bruxelles | Belgia

- Cercetare clinica si translationala in oncologie-radioterapie

## EDUCAȚIE ȘI FORMARE PROFESIONALĂ

Oct. 2019 – Ian. 2024

### Doctor in Medicina (PhD)

Universitatea de Medicina si Farmacie "Iuliu Hatieganu",  
Cluj-Napoca | Romania

Media finală/ Rezultatul final: Excelent (Summa Cum Laude) | Nivelul CEC: Nivelul 8 CEC

2012-2018

### Doctor-Medic

Universitatea de Medicina si Farmacie "Iuliu Hatieganu"  
Cluj-Napoca | Romania

Media finală/ Rezultatul final: 9.79 | Nivelul CEC: Nivelul 7 CEC

2008-2012

### Diploma de Bacalaureat

Colegiul National "Silvania"

Zalau| Salaj| Romania

Media finală/ Rezultatul final: Sef Promotie (media 10)

2000-2008

Scoala Gimnaziala "Mihai Eminescu"– Secția Germană (Lb. Maternă)

" Liceul de Arta "Ioan Sima"- Secția Pian și Teorie Muzicală

Zalau| Salaj| Romania

Media finală/ Rezultatul final: Sef Promotie (media 10)

## COMITETE INTERNAȚIONALE ȘI FELLOWSHIPURI

Mai 2024- în curs	<b>SIOP Europe Radiation Oncology Working Group Steering Committee - Membru</b> Membru in comitetul de conducere al grupului de radioterapie al Societatii Europene de Oncologie Pediatria  <b>Link:</b> <a href="https://siope.eu/ROWG-Steering-Committee-Members">https://siope.eu/ROWG-Steering-Committee-Members</a>
Oct 2023- în curs	<b>ESTRO - CNS focus group- Membru deplin</b> Membru al grupului de lucru de tumori cerebrale din cadrul Societatii Europene de Radioterapie  <b>Link:</b> <a href="https://www.estro.org/About/ESTRO-Organisation-Structure/Focus-Groups/CNS">https://www.estro.org/About/ESTRO-Organisation-Structure/Focus-Groups/CNS</a>
Sep. 2022- Sep 2024 Oct 2024- în curs	<b>EANO Youngsters Committee – Membru</b> Membru al comitetului de tineri neuro-oncologi din structura Asociației Europene de Neuro-Oncologie  <b>Link:</b> <a href="https://www.eano.eu/eano-youngsters/about-eano-youngsters/">https://www.eano.eu/eano-youngsters/about-eano-youngsters/</a>
Feb. 2023- în curs	<b>EORTC YECI-ROSC Steering committee- Secretar</b> Secretar al Comitetului de conducere al Consiliului Științific de Tineri Cecetători Radio-Oncologi în cadrul EORTC- Organizația de Cercetare și Tratatament al cancerului (Bruxelles, Belgia)
Mai 2023- Mai 2024	<b>ESTRO Mentorship Programme</b> Mentee- programul de mentorat ESTRO (Mentor- Prof. Dr. Jean-François Daisne, UZ Leuven, Belgia)
Mai 2023- Oct 2024	<b>Clinical Oncology (Journal)</b> Fellow in cadrul Peer Review Training Programme al revistei Clinical Oncology (UK)  <b>Link:</b> <a href="https://www.rcr.ac.uk/news-policy/latest-updates/clinical-oncology-2023-peer-review-trainees-chosen/">https://www.rcr.ac.uk/news-policy/latest-updates/clinical-oncology-2023-peer-review-trainees-chosen/</a>

## VIZITE CLINICE

Iunie 2022	<b>The West German Proton Therapy Centre - Essen, Germania</b> <ul style="list-style-type: none"><li>• Departamentul de Radioterapie- vizită în cadrul Conferinței internaționale PROS</li></ul>
Mar- Apr 2022	<b>Jules Bordet Institute- Bruxelles, Belgia</b> <ul style="list-style-type: none"><li>• Departamentul de Radioterapie</li></ul>
Mar 2023	<b>Oslo University Hospital, Radiumhospitalet, Norvegia</b> <ul style="list-style-type: none"><li>• Departamentul de Oncologie-Radioterapie</li></ul>
Feb 2024	<b>Hospital Sant Joan de Déu Barcelona, Spania</b> <ul style="list-style-type: none"><li>• INTERACT EUROPE 100 Kick-Off Meeting</li></ul>

## PREMII ȘI DISTINCȚII

### RISING STAR AWARD- European Cancer Organisation

- Oferit de către European Cancer Foundation în cadrul European Cancer Summit- 15-16 Noiembrie 2023, Bruxelles, Belgia

### JOURNAL OF RADIOTHERAPY AND MEDICAL ONCOLOGY

- Concurs studii de caz 2022
- Locul 2 și 3- Premiul 2 și Mențiune

### CONCURS DE PREZENTĂRI ”Dupa-masa rezidentului”

- Congresul Național al Societății Române de Radioterapie și Oncologie Medicală (SRROM), 2019, Cluj-Napoca, Romania
- Premiul 1

### OLIMPIADA NAȚIONALĂ DE CHIMIE

(Mențiune speciala- etapa nationala 2008,2009,2011)

(Mențiune- etapa nationala 2007, 2010)

(Loc1/Premiul 1- etapa judeteana 2007-2011)

CONCURSUL NATIONAL DE STIINTE PENTRU JUNIORI  
(Mențiune specială- etapa națională 2008)  
(Premiul 2- etapa județeană)

OLIMPIADA NAȚIONALĂ de LIMBA GERMANĂ  
(Participare etapă națională, Premiul 2- etapa județeană)

CONCURSUL NATIONAL CHIMEXPERT  
(Premiul 1- etapa națională)

## Prezentări la evenimente științifice (conferințe, cursuri, simpozioane)

### INTERNATIONALE

**“Adaptive Radiotherapy in Paediatric Patients Across Europe”**

SIOPE Europe meeting 12-16 May 2025, Budapest, Hungary  
Prezentare orală- Speaker invitat

**“Bringing the Next Generation Forward- Young Researcher Perspective”**

ESTRO 2025- Young Symposium- 2-6 May 2025, Vienna, Austria  
Prezentare orală- Speaker invitat

**“Updates on Radiotherapy Modalities”**

EANO 2024 Annual Meeting, Educational Day, 17-20 Oct 2024, Glasgow, Scotland, UK  
Prezentare orală- Speaker invitat

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

EANO 2024 Annual Meeting, 17-20 october 2024, Glasgow, Scotland, UK  
Prezentare poster (abstract)

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

EANO 2024 Annual Meeting, , 17-20 october 2024, Glasgow, Scotland, UK  
Prezentare poster (abstract)

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

ESTRO 2024 Congress, 3-7<sup>th</sup> May 2024, Glasgow, Scotland  
Prezentare orală- Speaker invitat

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

ESTRO 2024 Congress, 3-7<sup>th</sup> May 2024, Glasgow, Scotland  
Prezentare poster (abstract)

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

The 55<sup>th</sup> Congress of the International Society of Paediatric Oncology (SIOP)- 11-14<sup>th</sup> October 2023, Ottawa, Canada  
Prezentare orală (abstract)

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

The 55<sup>th</sup> Congress of the International Society of Paediatric Oncology (SIOP)- 11-14<sup>th</sup> October 2023, Ottawa, Canada  
Prezentare poster (abstract)

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

ESTRO 2023, 12-16 Mai , Vienna, Austria  
Prezentare poster (abstract)

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

ESTRO 2023, 12-16 Mai, Vienna, Austria  
Prezentare poster (abstract)

**“MVision AI segmentation for brain MRI”**

ESTRO 2023, 12-16 Mai, Vienna, Austria  
Prezentare orală (Simpozion industrie- nesponsorizat)

**„Paediatric Radiation Oncology across Countries with Limited Resources”**

4<sup>th</sup> SIOP Europe Annual meeting- 8-12 May 2023, Valencia, Spain  
Prezentare orală- Speaker invitat

**“Utility of developing a paediatric atlas library”**

4<sup>th</sup> SIOP Europe Annual meeting- 8-12 May 2023, Valencia, Spain  
Prezentare orală- Speaker invitat

**„Profile of institutions participating in QUARTET-affiliated trials”**

4<sup>th</sup> SIOP Europe Annual meeting- 8-12 May 2023, Valencia, Spain  
Prezentare orală- Speaker invitat

**“Update on paediatric radiotherapy quality assurance projects”**

QUARTET Annual Face-to-face meeting, 3-4<sup>th</sup> Sep. 2022, Brussels, Belgium  
Prezentare orală- Speaker invitat

***“The Vertebrae as OARs in Paediatric Radiotherapy Clinical Trials”***

The 54<sup>th</sup> Congress of the International Society of Paediatric Oncology (SIOP 2022)- Sep. 2022, Barcelona, Spain  
Prezentare orală (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  
Prezentare orală (abstract)

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

3<sup>rd</sup> SIOP Europe Annual Meeting 23-25 March 2021  
Prezentare orală- Speaker invitat

***“Vertebral contouring and dosimetry in FaR RMS and HRNBL2”***

3<sup>rd</sup> SIOP Europe Annual Meeting 23-25 March 2021  
Prezentare orală- Speaker invitat

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

ERN-PaedCan Webinar Series- 16 Feb. 2022  
Prezentare orală- concurs cazuri clinice

***“Update on QUARTET projects”***

QUARTET Annual meeting- 27 Jan. 2022  
Prezentare orală- Speaker invitat

***“RTQA for MYKIDS trial”***

EpSSG RT Committee meeting- Nov. 2021  
Prezentare orală- Speaker invitat

***“Osteosarcoma management in an adolescent - Case Presentation”***

ESO-SIOPe Masterclass in Paediatric Oncology- 2020, online  
Prezentare orală- concurs cazuri clinice

***“Medulloblastoma radiotherapy- case presentation”***

ESTRO Course- Paediatric Radiotherapy- 2020, online  
Prezentare orală- concurs cazuri clinice

***“LGG case presentation”***

Neuro-Oncology: Multidisciplinary Management of Adult Brain Tumours- 11- 13 Dec. 2020, online  
Prezentare orală- concurs cazuri clinice

## NATIONALE

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

National Scientific Forum of Romanian Oncologists- 15-17 May 2025  
Prezentare orală- Speaker invitat

***Best of ASTRO Romania***

Central Nervous System and Paediatric Radiotherapy- 16-17 May 2025, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

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

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

***Best of ASTRO Romania***

Central Nervous System and Paediatric Radiotherapy- 28-29<sup>th</sup> of June 2024, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

***“Alternatives to General Anaesthesia for paediatric radiotherapy”***

The Days of the Oncology Institute Cluj-Napoca, 14-16<sup>th</sup> of June 2024, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

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

Paediatric days conference – 6-8<sup>th</sup> of June 2024, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

***“Practical aspects of paediatric radiotherapy”***

The 17<sup>th</sup> postgraduate course for RTTs and radiotherapy nurses-25-26 May 2024, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

***“Radiotherapy for in a nephroblastoma patient requiring anaesthesia”***

Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4<sup>th</sup> of November 2023, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

***“Paediatric radiotherapy in Romania”***

Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4<sup>th</sup> of November 2023, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

***“How to survive peer review”***

Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4<sup>th</sup> of November 2023, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

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

The 16<sup>th</sup> postgraduate course for RTTs and radiotherapy nurses-26-27 May 2023, Cluj-Napoca, Romania  
Prezentare orală- Speaker invitat

**“Algorithms for dose calculation in radiotherapy”**

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

Prezentare orală- Speaker invitat

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

National Scientific Forum of Romanian Oncologists-3<sup>rd</sup> edition- 18-20 May 2023

Prezentare orală- Speaker invitat

**“Best of ASTRO Romania”**

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

Prezentare orală- Speaker invitat

**“Radio-Chemotherapy in Malignant Gliomas - Future Perspectives”**

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

Prezentare orală- Speaker invitat

**“Radiotherapy Quality Assurance in Paediatric Clinical Trials”**

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

Prezentare orală- abstract

**“Particular aspects of Radiotherapy in Pediatric and AYA patients”**

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

Prezentare orală- abstract

**“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

Prezentare orală- Speaker invitat

**“RTQA in Clinical Trials”**

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

Prezentare orală- Speaker invitat

**“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

Prezentare orală- abstract

**“Tomotherapy- technical aspects and clinical use”**

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

Prezentare orală- Speaker invitat

**Pediatric Radiotherapy courses**

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

<https://oncopediatric.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 Chiricuta” Cluj-Napoca Days, 20-22 June 2019, Cluj-Napoca, Romania

Prezentare orală- Speaker invitat

**“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

Prezentare orală- abstract

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

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

Prezentare orală- abstract

## Publicatii stiintifice

**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.

**Andrada 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 cranio-spinal irradiation, **Reports of Practical Oncology and Radiotherapy**, DOI: 10.5603/rpor.101094

**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

**Andrada 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>

**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, EClementel, 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>

**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>

**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>

**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](https://doi.org/10.1016/s0167-8140(24)01248-9)

**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.

**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\*Biophysics**, Volume 114, Issue 5, 2022, Page 1073, ISSN 0360-3016, <https://doi.org/10.1016/j.ijrobp.2022.09.039>.

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.

**Acknowledged in:** Jan-Michael Werner, George E D Petrescu, Florian 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>

## Educatie continua- cursuri de specializare

- 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- 9-13<sup>th</sup> 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

## Educatie continua- conferinte, simpozioane

### INTERNATIONALE

- 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**
- **SIOPE Europe meeting** 12-16 May 2025, Budapest, Hungary
  - **The 55th Congress of the International Society of Paediatric Oncology (SIOP 2023)**- Oct 2023, Ottawa, Canada
  - **4<sup>th</sup> 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
- Alte categorii**
- **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**- 16<sup>th</sup> 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 Scientific Forum of Romanian Oncologists-3<sup>rd</sup> edition-** 18-20 May 2023
- **The 26<sup>th</sup> Romanian-German Course on Brain Tumors-** 20-22 April 2023, Cluj-Napoca, Romania
- **The 11<sup>th</sup> 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

## Proiecte, comunicare, leadership

### Proiecte internationale

- **JANE 2- EU joint action on Networks of Expertise on Cancer**
  - responsabil Task 8.4
- **EUonQoL-OECI**
  - Proiect European de validare a chestionarelor de calitatea vietii in randul pacientilor oncologici - investigator
- **IAEA ROM2024003**
  - coordonator si initiator al proiectului de cooperare tehnica national, in curs de elaborare
- **IAEA RER6043 -EVT2306853 Regional Workshop on the Status of Paediatric Radiotherapy Services**
  - Parte a grupului de lucru international cu scopul de a re-organiza si imbunatati serviciile de radioterapie pediatria in tarile Europene afiliate IAEA
- **INTERACT-EUROPE 100**
  - Participare Kick-Off Event- Barcelona, Spain, 8-9 Februarie 2024
  - Trainer- IOCN
  - Proiect de educatie medicala a personalului specializat, pentru cresterea calitatii tratamentelor prin abordare multi- si inter-disciplinara
- **“Cooperation strategy for knowledge transfer, internationalization and curricula innovation in the field of research education at the 3rd level of study– AURORA“**
  - 29<sup>th</sup> Nov- 3 Dec- University of Iceland, Reykjavik, Iceland
  - 26<sup>th</sup>-31<sup>st</sup> of March- University of Oslo, Norway
- **IAEA Technical Cooperation Project-** INT 6065- „Contributing towards. Improved Survival in Childhood. Cancer Using Radiation Medicine and Nutrition”
  - Participare la cursuri si workshopuri de radioterapie si imagistica pediatria

- **European Cancer Organisation- Cancer Workforce Shortages and Working Condition-** European Cancer Organization
  - Parte a grupului de lucru ca reprezentant al YRROG/SRRROM
- Grupuri de lucru Europene de cercetare si dezvoltare a unor ghiduri/consensuri internationale si standarde in domeniu
  - In cadrul **SIOP Europe-** Societatea Europeana de Oncologie Pediatrica
    - Grupul de lucru European de Anestezie pentru Radioterapie pediatrica- elaborare Ghid European de recomandari in vederea procedurilor de anestezie pentru radioterapie pediatrica
    - Grupul de lucru European de Radioterapie cu ghidaj de suprafata- elaborare Ghid European de recomandari in vederea procedurilor de ghidaj de suprafata (SGRT) in radioterapia pediatrica
    - Survey European asupra radioterapiei adaptative pediatrice- initiator si coordonator- in desfasurare
  - In cadrul ESTRO-CNS Focus group
    - Survey European de mapare a practicilor clinice in materie de reiradiere la nivelul SNC- initiator si prim-autor
    - Review sistematic de literatura asupra strategiilor de protective neuro-cognitiva in radioterapia SNC- initiator si prim-autor
    - Survey European de mapare a practicilor clinice privind neuroprotectia in radioterapia cerebrala- initiator si co-autor
  - **EORTC-RP2254- NEUROCOG**
    - Proiect de cercetare translationala initiat si condus in cadrul EORTC- Brain tumour group
- Proiecte de cercetare conduse in **Institutul Oncologic Cluj-Napoca**
  - Evaluarea impactului anesteziei repetitive in cadrul radioterapiei la copii
  - Evaluarea impactului neurocognitiv la copiii radio-tratati in zona capului si gatului/cerebral (in colaborare cu UBB-Facultatea de Psihologie)
  - Studii translationale de imagistica avansata RMN pentru evaluarea impactului radioterapiei asupra structurilor si functiilor cerebrale la adulti

## Comunicare

- Membru al Social Media Task force- EANO (European Association of Neuro-Oncology)
- Interviu - Virtual Reality in Paediatric Radiotherapy practice in Romania – a Little People Patient Advocacy Group Project
- Interviu - 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
- Interviu- Future Leaders in Oncology 2025- Touch Oncology

## Leadership si organizare

- **Reprezentant al Rezidentilor (2019- 2020)** – in cadrul programului de rezidentiat de Radioterapie – Institutul Oncologic ”Prof. Dr. Ion Chiricuta” Cluj-Napoca, UMF ”Iuliu Hatieganu” Cluj-Napoca
- **Coordonator Young Romanian Radiation Oncologist (YRROG)** (2022-2024)– subgroup al Societatii Romane de Radioterapie si Oncologie Medicala (SRRROM), afiliat ESTRO
- **Organizator si speaker workshop- CNS Contouring Workshop-** Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4th of November 2023, Cluj-Napoca, Romania-
- **Coordonator si organizator- Paediatric Radiotherapy Course-** Congress of Romanian Society of Radiotherapy and Medical Oncology- 2-4th of November 2023, Cluj-Napoca, Romania

## Activitate didactica si mentorat

- **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 3<sup>rd</sup> year medical student on research basics.

## (Co)-Chairing Conferinte

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

## Activitate de peer review pentru reviste de specialitate si abstracte de conferinte

- 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

## Abilitati lingvistice si artistice

<b>Limba maternă</b>	Română				
<b>Limbi străine</b>	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
<b>Alte abilitati</b>	Pian si teorie muzicala		Fotografie artistica		

## Afilieri - grupuri si societăți de profil

<b>EANO</b>	European Association of Neuro-Oncology - EANO Youngsters committee member
<b>ESTRO</b>	European Society for Radiotherapy and Oncology - Member of the Young ESTRO Opinion Panel - ESTRO Mentee - CNS focus group- full member
<b>EORTC</b>	Young-Early Career Investigator – Radiation Oncology Scientific Committee EORTC
<b>YECI-ROSC</b>	- Steering Committee – Secretary - Brain Tumour Group - member
<b>ECO</b>	European Cancer Organisation - Young Cancer Professionals Group
<b>PROS</b>	Paediatric Radiation Oncology Society (international)

**SIOPE** European Society for Paediatric Oncology – Young SIOPE  
SIOPE 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

**SIOPE** 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