

MIRELA-DIANA ILIE, MD, MSc, PhD

Board-certified endocrinologist | Clinician-scientist in pituitary tumors

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PROFILE

- Board-certified endocrinologist and translational researcher trained mainly in Romania and France, with a PhD in molecular and cellular biology, and an MSc in cancer biology.
- Main expertise: tumor microenvironment, aggressive pituitary tumors/carcinomas, acromegaly, gonadotroph tumors, therapeutic targeting, pituitary pathology, single-cell and spatial transcriptomics.

CURRENT / FORTHCOMING POSITIONS

- **2026-present:** Specialist Endocrinologist, Bucharest, Romania & Trainee in Epidemiology, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania.
- **From 11/2026:** Planned academic clinical appointment, Hospices Civils de Lyon, Louis Pradel Hospital, Department of Endocrinology.

SOCIETY SERVICE & LEADERSHIP

- **2025-present:** Board member, ENEA study group on aggressive pituitary tumors.
- **2024-present:** Co-editor of the ENEA Young Researchers Committee (EYRC)-edited book on Hypopituitarism (Springer).
- **2024-present:** Moderator, Preceptorship Course for Fellows-in-Training of the Pituitary Society.
- **2024:** Moderator, European Congress of Endocrinology.
- **2023-present:** Moderator, ENEA Workshop & Congress.
- **2023-present:** Program Organizing Committee member, ENEA Congress 2024 and 2026.
- **2022-present:** Jury member for ENEA Workshop & Congress activities: oral communication, poster and abstract ranking.
- **2022-present:** EYRC representative in the ENEA Executive Committee.
- **2021-present:** EYRC board member.
- **2023-2025:** Member of the Pituitary and Neuroendocrinology group, European Endocrinology Research Roadmap/EndoCompass project of the European Society of Endocrinology.
- **2020-2024:** Board member, "Digital Communications and Patient Information" Committee of The Pituitary Society.

EDUCATION & CLINICAL TRAINING

- **2025:** Board-certified Endocrinologist, Romania & European Board Examination in Endocrinology, Diabetes and Metabolism.
- **2016-2025:** Clinical specialty training in endocrinology in Romania (Bucharest) and France, including Bicêtre Hospital (Paris), Lyon-Sud and Louis Pradel Hospital (Lyon).
- **2021-2024:** PhD, Molecular and Cellular Aspects of Biology, University Lyon 1, France.
- **2018-2019:** MSc, Cancer Biology, University Lyon 1, France.
- **2017-2018:** University Diploma, Hypothalamic-Pituitary Pathology, Paris XI University, France.
- **2009-2015:** MD, Carol Davila University, Bucharest; top 1% by GPA (rank 3/731) & residency entrance examination (rank 4/1520).

RESEARCH EXPERIENCE

- **2021-2024:** Researcher, "Tumor environment and pituitary oncology" group, Inserm U1052 / CNRS UMR5286, Cancer Research Center of Lyon – pituitary tumor microenvironment, prognostic markers and therapeutic targets.
- **2018-2019:** Research intern, same group, Cancer Research Center of Lyon – pituitary tumor microenvironment.
- **2017:** Research intern, Molecular Endocrinology Laboratory, University Institute of Clinical Research / UMR 204 NUTRIPASS, Montpellier – genetics of PCOS and metabolic syndrome.
- **2014:** Research intern, Molecular Biology & Genetics Research Laboratory, C.I. Parhon National Institute of Endocrinology, Bucharest – *BRAF V600E* mutation in differentiated thyroid cancer.
- **2013:** Research intern, Behavioural and Clinical Neurosciences Institute, University of Cambridge, UK – obsessive-compulsive symptoms and their associations with brain structure.

- **2010-2012:** Member, Cell Culture Research Laboratory, Center of Excellence in Neuroscience, Carol Davila University, Bucharest – neuroprotective effects of oxytocin during birth.
- **2009-2010:** Member, Psychology Research Group, Medical Psychology Department, Carol Davila University, Bucharest.

SCIENTIFIC OUTPUT, SUPERVISION & PEER-REVIEW

- 38 Web of Science-indexed articles; 23 as first or last author; H-index 17.
- 4 book chapters as first or last author.
- 13 medical articles for the general public as single author.
- 7 invited lectures at international congresses/courses.
- 10 oral communications & 16 posters as principal author at national & international congresses/courses.
- Supervised/co-supervised MD fellows, MSc students and research engineers, resulting in publications in *Acta Neuropathologica* Communications (2022), *Endocrine-Related Cancer* (2023 & 2025), *Minerva Endocrinology* (2024) & *Neuro-Oncology* (2026).
- Reviewer for *Nature Communications*, *European Journal of Endocrinology*, *Pituitary*, *Endocrine*, *Journal of Endocrinological Investigation*, *Annales d'Endocrinologie* & *Journal of Neuroendocrinology*.

SELECTED PUBLICATIONS AS FIRST & LAST AUTHOR

- Mast cells act as pro-angiogenic and pro-tumorigenic players in pituitary gonadotroph tumors. *Neuro-Oncology*, 2026.
- Clinicopathological characteristics associated with the prognosis of recurrent gonadotroph tumors. *Endocrine-Related Cancer*, 2025.
- Biological and Therapeutic Implications of the Tumor Microenvironment in Pituitary Adenomas. *Endocrine Reviews*, 2023.
- Predictive Factors of Somatostatin Receptor Ligand Response in Acromegaly-A Prospective Study. *The Journal of Clinical Endocrinology & Metabolism*, 2022.
- Real-life efficacy and predictors of response to immunotherapy in pituitary tumors. *European Journal of Endocrinology*, 2022.

HONOURS, AWARDS & FELLOWSHIPS

- **2024-2026:** "European Journal of Endocrinology Rising Stars Reviewer Board Award and Mentorship Programme" of the European Society of Endocrinology.
- **2025:** Endocrine-Related Cancer "Emerging Leaders 2025".
- **2024:** Young Researcher Award, 40th Congress of the French Society of Endocrinology.
- **2024:** Early Career Forum Award, Endocrine Society, ENDO 2024.
- **2021-2024:** "Fondation ARC" medical-scientific doctoral grant, personal grant for PhD training (24+12 months; EUR 135,000).
- **2023:** Best Basic Poster Award, 8th ENEA Workshop, Munich.
- **2023:** Best Publication Award, French Society of Endocrinology.
- **2023:** recognition of a first-authored article as the second most cited article published in *Endocrine-Related Cancer* in 2022.
- **2019, 2020, 2021 & 2023:** UEFISCDI research-result/publication awards, Romania, for original and review articles.
- **2022:** Best Clinical Poster Award, 20th ENEA Congress, Lyon.
- **2021:** Young Researcher Award, 37th Congress of the French Society of Endocrinology.
- **2019:** Prize Lecture at ECE, Lyon, as recipient of the UEMS Future European Endocrine Leader Award.
- **2018-2019:** French Government MSc scholarship, Cancer Biology, Lyon (10 months; EUR 6,850).
- **2018:** UEMS "Future European Endocrine Leader Award / 3E programme", combined clinical and research fellowship on pituitary tumors in Lyon (6 months; EUR 26,000).
- **2017:** "Grigore Coculescu" Research Scholarship, Romanian PsychoNeuroEndocrinology Society (10 weeks; EUR 1,500).
- **2013:** BBSRC Research Experience Placements Scheme scholarship, University of Cambridge (9 weeks; GBP 1,800).
- **2012-2013:** Erasmus Mundus scholarship, Aix-Marseille University, Marseille (10 months).
- **2011:** Second place, national phase of the FameLab science communication competition, Romania.