



DARIO DE ALCUBIERRE

dario.dealcubierre@uniroma1.it

00185, Rome Italy

+393332307841

CF: DLCDRA93B27F839V

Professional Summary

Medical Doctor (Physician).

Specialized in Endocrinology, Andrology, and Metabolic Diseases.

Clinical researcher in Endocrinology: main fields of expertise include pituitary, adrenal, thyroid, reproductive and gynecological endocrinology.

Currently, PhD student in Endocrinological Sciences at "La Sapienza" University, Rome, IT.

Education

- Expected in 11/2026 **Ph.D., Endocrinology, "La Sapienza" University, Rome, Italy**
in PhD Course "Endocrinological Sciences"
- 11/2023 **Post-Graduate Training (Residency), Endocrinology, "La Sapienza" University, Rome**
Specialty Course in Endocrinology and Metabolic Diseases
Thesis title: "B-RAF and MEK Inhibitor Targeted Therapy in papillary craniopharyngiomas: results from a multicenter study"
Final grade: 70 *cum laude*/70
- 03/2019 **Board Certification, Provincial Order of Medical Doctors-Surgeons**, Naples
Full registration in Italy: Naples Provincial Order of Medical Doctors-Surgeons and Dentists (Mar 2019)
- 10/2018 **Medical Degree, Medicine And Surgery, University of Naples Federico II, Naples**
Final grade : 110/110
Thesis Title: "Combined treatment with inositol isomers and cabergoline in women with Polycystic Ovary Syndrome (PCOS) and hyperprolactinemia: effects on hyperandrogenic features and metabolic profile." Tutor: Prof. Annamaria Colao
- 10/2018 **Internship, Endocrinology, University of Naples Federico II, Naples**
Student Internship at the Ward of Endocrinology and Metabolic Diseases, AOU Policlinico Federico II, Naples
Tutors: Prof. Annamaria Colao, Prof. Rosario Pivonello
- 07/2011 **High School Diploma, "Niccolò Copernico" High School, Naples**
Final grade: 100/100
-

Work History

11/2020 - Current

Sub-Investigator

"La Sapienza" University

Sub-Investigator in the following registered research protocols:

- CAHtalyst: A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Crinicerfont (NBI-74788) in Adult Subjects With Classic Congenital Adrenal Hyperplasia, Followed by Open-Label Treatment;
- ForesiGHT: A Multicenter, Randomized, Parallel-arm, Placebo-controlled (Double-Blind) and Active-controlled (Open-label) Trial to Compare the Efficacy and Safety of Once-weekly Lonapegsomatropin With Placebo and a Daily Somatropin Product in Adults With Growth Hormone Deficiency
- LINC6 (LCL699-RECAG-PASS-0572): A non-interventional study to assess the long-term safety and efficacy of osilodrostat in patients with endogenous Cushing's syndrome

03/2026 - 09/2026

Visiting Researcher

“Pituitary and Neuroendocrine Tumor Biology Group” Group, Instituto Maimónides de Investigación Biomédica de Córdoba (IMIBIC/FIBICO), Córdoba, Spain (Prof. Raül Luque)

- Collaborated with the Pituitary and Neuroendocrine Tumor Biology Group on translational research projects focused on the molecular and metabolic characterization of pituitary neuroendocrine tumors (PitNETs).
- Performed and assisted in laboratory activities involving pituitary tumor cell models and primary tumor cultures, applying molecular and cellular biology techniques to investigate signaling pathways involved in tumor growth and hormone secretion.
- Participated in the design and discussion of experimental strategies and data interpretation within the framework of the PhD research project, contributing to international collaborative research on pituitary tumor biology.
- Contributed to several clinical and translational research papers focusing on the management of complex pituitary disorders (craniopharyngiomas, aggressive pituitary tumors) as well as the characterization of gonadotroph tumors

01/2024 – Current

Research Fellow

Neuromed IRCCS

- Clinical and research projects focusing on the genetic background and the cardiometabolic implications of hormone hypersecretion in pituitary tumors

09/2022 - 09/2023

Visiting Researcher

“Tumour Environment & Pituitary Oncology” Group, INSERM 1052, Cancer Research Center Of Lyon, Lyon, France

- Actively participated in monthly multicenter tumor boards coordinated by the French Reference Center for Rare Pituitary Diseases HYPO of Lyon. These meetings involved endocrinologists, neurosurgeons, pathologists, and oncologists from multiple French Centers and focused on the management of pituitary disorders, including rare, complex tumors (pituitary aggressive tumors and carcinomas, craniopharyngiomas).
- Effectively learned and performed several laboratory activities including culturing of pituitary cell lines, dissociation and culturing of pituitary tumors, immunofluorescence and immunohistochemistry imaging on cells and tissues, RNA extraction from cells, retrotranscription, gene expression analysis via qPCR.
- Contributed to several clinical and translational research papers focusing on the management of complex pituitary disorders (craniopharyngiomas, aggressive pituitary tumors) as well as the characterization of gonadotroph tumors.

06/2019 - 10/2019

Research Fellow

Federico II University

- Clinical work and research in the "ANDROKIT" project, aiming to develop a kit comprised of diagnostic and predictive tests for male infertility while focusing on the evaluation of the female partners' fertility profile.

Social Skills

Good communication skills with teachers, colleagues, and patients; Ability to keep long-time collaboration research. Currently working with both Sapienza University of the Cancer Research Center of Lyon for research.; Highly responsible and reliable.

Ability to work in a team setting. Leadership, currently responsible for younger resident students in my department;

Computer Skills

- Extensive knowledge of **Windows OS**;
- Advanced use of **statistical analysis** software (GraphPad, *Statistical Package for the Social Sciences* (SPSS));

- Advanced use of **image analysis** software (Merge-Efilm (DICOM database), NIS-Elements Viewer, Zeiss ZEN Blue Microscopy Software)
- Advanced use of **data management** software (Adobe, Office, Reference Manager, File Maker Pro)

Technical Skills

- Proficient at performing diagnostic **thyroid ultrasound**;
- Proficient at performing bone density assessment via dual-energy X-ray absorptiometry (**DXA**);
- Basic Life Support and Defibrillation (**BLSD**) Certification (Feb 2020);
- Proficient in several **laboratory techniques**, including: management and culturing of cell lines; plasmid-based transfection; dissociation, management, and culturing of primary human tumors; immunofluorescence; immunohistochemistry; microscopy analysis; RNA extraction; reverse transcription; gene expression assessment via qPCR; protein expression assessment via Western Blot;

Affiliations

- "European Society of Endocrinology" (ESE);
- "ESE Young Endocrinologists and Scientists (EYES);
- "Italian Society of Andrology and Sexual Medicine" (SIAMS);
- "Italian Society of Endocrinology" (SIE);
- Young-Endocrinology in Italy (EnGiol) Club;
- "European NeuroEndocrine Association" (ENEA);

Grants & Scholarships

- **Short-Term Fellowship Grants | ESE 2022**
- **Bioscientifica Trust Grant 2022**
- **Bando di Ateneo Sapienza University 2023**, Dissecting the glucocorticoid action on circadian rhythms of immune patterns, Protocol Number: RG123188B43F130F
- **Bando di Ateneo Sapienza University 2023**, Impact of adrenal incidentalomas and mild autonomous cortisol secretion on bone metabolism and fracture risk: a longitudinal study, Protocol Number: AR123188B48D0DE2
- **Bando di Ateneo Sapienza University 2022**, Impact of ORal contraceptives on body composition, bone metabolism and sexual functIOn in a cohort of Italian women: ORION Study , Protocol Number: AR1221816C4B0F27
- **Bando di Ateneo Sapienza University 2021**, Steroid Treatment for Adrenal Rest Tumors - START protocol, Protocol Number: RP12117A8B0CA73F

Accomplishments

ORAL COMMUNICATIONS

- **SIE (Società Italiana di Endocrinologia) 2023**: "Pituitary adenoma consistency affects postoperative hormone function: a retrospective study" (June 2023);
- **ECE (European Congress of Endocrinology) 2023**: "The spectrum of cardiac disease in patients with acromegaly: results from the SUM trial" (May 2023)
- **VIII Annual Meeting on Pituitary Tumors 2021**: "Cushing's disease: diagnostic and therapeutic issues in complex clinical cases" (November 2021)
- **EYES (ESE Young Endocrinologists and Scientists) 2021**: "Pituitary adenoma consistency is associated with postoperative hormonal deficits: a retrospective study" (September 2021)
- **X Annual Meeting on Pituitary Tumors 2023**: "Peculiarities on craniopharyngiomas" (November 2023)
- **ECE (European Congress of Endocrinology) 2024**: "The spectrum of cardiac disease in patients with acromegaly: results from the SUM trial" (May 2024)
- **Incontri Italiani di Endocrinologia e Metabolismo (IIEM) 2024**: Evidenza di radionecrosi pseudotumorale in paziente affetto da carcinoma ipofisario in trattamento con immunoterapia (September 2024)
- **Convegno Nazionale Endocrinologia Giovane Italia (ENGIOI) 2025**: Cardiac Function and Morphology in Patients with Mild Autonomous Cortisol Secretion: A Longitudinal

Study (January 2025)

- **EnMan - Update endocrino metabolico e andrologico X Edizione: Sindrome/Malattia di Cushing: Il paziente al centro dei nuovi percorsi terapeutici** (May 2025)

- **SIE (Società Italiana di Endocrinologia) 2025: " Funzione e morfologia cardiaca nei pazienti con incidentalomi surrenalici: uno studio longitudinale, prospettico, caso-controllo"** (June 2025);

AWARDS:

- Recipient of the "**Early Career Investigator Award 2025**" (Diurnal, Neurocrine Biosciences) at the Joint ESE/ESPE Congress 2025 (Copenhagen, Denmark, May 2025)

- Selected to attend and participated in **Lyon's Pituitary International Hands-On Course** (March 2023);

- Selected to attend and participated in the **European Multidisciplinary Course of Pituitary Tumors (EuroPit)** awarded by the European Society of Endocrinology (November 2022);

- Winner of the **Short-Term Fellowship grant of the European Society of Endocrinology (ESE)** (2022);

- Winner of the **Bioscientifica Trust grant** (2022)

Publications

- Auriemma, R., Pirchio, R., **De Alcubierre, D.**, Pivonello, R., & Colao, A. (2019). Dopamine Agonists-from the 1970s up to today. *Neuroendocrinology*. Epub 2019 Mar 11. doi: 10.1159/000499470.

- Auriemma, R. S., **De Alcubierre, D.**, Pirchio, R., Pivonello, R., & Colao, A. (2018). The effects of hyperprolactinemia and its control on metabolic diseases. *Expert review of endocrinology & metabolism*, 13(2), 99-106. doi: 10.1080/17446651.2018.1434412

Auriemma, R. S., **De Alcubierre, D.**, Pirchio, R., Pivonello, R., & Colao, A. (2019). Glucose abnormalities associated to prolactin secreting pituitary adenomas. *Frontiers in endocrinology*, 10, 327. doi: 10.3389/fendo.2019.00327

- **De Alcubierre, D.**, Pofi, R. & Pozza, C. Testicular Adrenal Rest Tumours: fisiopatologia, diagnosi e trattamento. *L'Endocrinologo* 22, 22-27 (2021). doi: 10.1007/s40619-021-00816-5

- Cozzolino, A., Minnetti, M., Hasenmajer, Valeria, Sada, V., **De Alcubierre, D.**, Pofi, R., Sbardella, E., Lenzi, A., Isidori, A. M. (2021). Terapia medica della sindrome di Cushing: aggiornamento su relacorilant e levoketoconazolo. *L'Endocrinologo*. 22. doi: 10.1007/s40619-021-00848-x

- Minnetti, M., **De Alcubierre, D.**, Bonaventura, I., Pofi, R., Hasenmajer, V., Tarsitano, M. G., ... & Isidori, A. M. (2022). Effects of licorice on sex hormones and the reproductive system. *Nutrition*, 103, 111727. doi: 10.1016/j.nut.2022.111727

- Feola, T., Carbonara, F., Verrico, M., Di Crescenzo, R. M., Gianni, F., Colonnese, C., **De Alcubierre, D.**, ..., & Jaffrain-Rea, M. L. (2022). Immunotherapy for aggressive and metastatic pituitary neuroendocrine tumors (PitNETs): state-of-the art. *Cancers*, 14(17), 4093. doi: 10.3390/cancers14174093

- Minnetti, M., Hasenmajer, V., Sbardella, E., Angelini, F., Simeoli, C., Di Paola, N., **De Alcubierre D.**, ... & Isidori, A. M. (2022). Susceptibility and characteristics of infections in patients with glucocorticoid excess or insufficiency: the ICARO tool. *European Journal of Endocrinology*, 187(5), 719-731. doi: 10.1530/EJE-22-0454

- Ziverec, A., Chanal, M., Raymond, P., Ilie, M. D., **De Alcubierre, D.**, Pasternack, A., ... & Bertolino, P. (2023). Inhibition of activin signalling reduces the growth of LbT2 gonadotroph pituitary tumours in mouse. *Endocrine-Related Cancer*, 30(3). doi: 10.1530/ERC-22-0245

- **De Alcubierre, D.**, Ferrari, D., Mauro, G., Isidori, A. M., Tomlinson, J. W., & Pofi, R.

(2023). Glucocorticoids and cognitive function: a walkthrough in endogenous and exogenous alterations. *Journal of Endocrinological Investigation*, 1-22. doi: 10.1007/s40618-023-02091-7

- **De Alcubierre, D.**, Puliani, G., Cozzolino, A., Hasenmajer, V., Minnetti, M., Sada, V., ... & Venneri, M. A. (2023). Pituitary adenoma consistency affects postoperative hormone function: a retrospective study. *BMC Endocrine Disorders*, 23(1), 92. doi: 10.1186/s12902-023-01334-1

- Ilie, M. D., **De Alcubierre, D.**, Carretti, A. L., Jouanneau, E., & Raverot, G. (2023). Therapeutic targeting of the pituitary tumor microenvironment. *Pharmacology & Therapeutics*, 108506. doi: 10.1016/j.pharmthera.2023.108506

- Sada, V., Puliani, G., Feola, T., Pirchio, R., Pofi, R., Sesti, F., **De Alcubierre, D.**, ... & Sbardella, E. (2023). Tall stature and gigantism in transition age: clinical and genetic aspects—a literature review and recommendations. *Journal of Endocrinological Investigation*, 1-17.

- **De Alcubierre, D.**, Sbardella, E., Isidori, A.M. (2023). Hydrosaline Alterations in Cushing Disease. In: Caprio, M., Fernandes-Rosa, F.L. (eds) Hydro Saline Metabolism. Endocrinology. Springer, Cham. https://doi.org/10.1007/978-3-031-27119-9_15

- Carbonara, F., Feola, T., Gianni, F., Polidoro, M., Di Crescenzo, R.M., Arcella, A., De Angelis, M., Morace, R., **De Alcubierre, D.**, Esposito, V., Giangaspero F., Jaffrain-Rea, M.L. (2023). Clinical and molecular characteristics of gonadotroph pituitary tumors according to the WHO classification. *Endocrine Pathology*. doi: 10.1007/s12022-023-09794-w.

- Hasenmajer, V.*, Ferrari, D.*, **De Alcubierre, D.**, Sada, V., Puliani, G., Bonaventura, I., Minnetti, M., Tomaselli, A., Pofi, R., Sbardella, E., Cozzolino, A., Gianfrilli, D., Isidori, A. M. (2023). Effects of Dual-Release Hydrocortisone on Bone Metabolism in Primary and Secondary Adrenal Insufficiency: a 6-Year Study. *Journal of Endocrine Society*

- **De Alcubierre, D.**, Carretti, A. L., Ducray, F., Jouanneau, E., Raverot, G., Ilie, M.D. (2023). Aggressive pituitary tumors & carcinomas: medical treatment beyond temozolomide. *Minerva Endocrinology*. doi: 10.23736/S2724-6507.23.04058-7

- Sada V, Puliani G, Feola T, Pirchio R, Pofi R, Sesti F, **De Alcubierre D**, Amodeo ME, D'Aniello F, Vincenzi L, Gianfrilli D, Isidori AM, Grossman AB, Sbardella E; TALENT group. Tall stature and gigantism in transition age: clinical and genetic aspects-a literature review and recommendations (2024). *Journal of Endocrinological Investigations*. doi: 10.1007/s40618-023-02223-z.

- Hasenmajer V, **De Alcubierre D**, Ferrari D, Minnetti M, Bonaventura I, Pofi R, Simeoli C, Tomaselli A, Sciarra F, Bottillo G, Angelini F, Cozzolino A, Venneri MA, Jannini EA, Gianfrilli D, Pivonello R, Isidori AM. Exploring sexual function in adrenal insufficiency: findings from the Dual RElease hydrocortisone versus conventionAl glucocorticoid replaceMent therapy in hypocortisolism (DREAM) trial (2024). *Andrology*. doi: 10.1111/andr.13635.

- Feola T, Cozzolino A, **De Alcubierre D**, Pofi R, Galea N, Catalano C, Simeoli C, Di Paola N, Campolo F, Pivonello R, Isidori AM, Giannetta E. Cardiac magnetic resonance reveals biventricular impairment in Cushing's syndrome: a multicentre case-control study (2024). *Endocrine*. doi: 10.1007/s12020-024-03856-7

- Auchus RJ, Hamidi O, Pivonello R, Bancos I, Russo G, Witchel SF, Isidori AM, Rodien P, Srirangalingam U, Kiefer FW, Falhammar H, Merke DP, Reisch N, Sarafoglou K, Cutler GB Jr, Sturgeon J, Roberts E, Lin VH, Chan JL, Farber RH; CAHtalyt Adult Trial Investigators (2024). Phase 3 Trial of Crinecerfont in Adult Congenital Adrenal Hyperplasia. *New England Journal of Medicine*. doi: 10.1056/NEJMoa2404656.

- **De Alcubierre D**, Feola T, Cozzolino A, Pofi R, Galea N, Catalano C, Auriemma RS, Pirchio R, Pivonello R, Isidori AM, Giannetta E. The spectrum of cardiac abnormalities in

patients with acromegaly: results from a case-control cardiac magnetic resonance study (2024). *Pituitary*. doi: 10.1007/s11102-024-01403-1.

- Bonaventura I, Tomaselli A, Angelini F, Ferrari D, **De Alcubierre D**, Hasenmajer V, Sbardella E, Cozzolino A, Paganini AM, Isidori AM, Minnetti M, Pofi R. Predicting postoperative hypocortisolism in patients with non-aldosterone-producing adrenocortical adenoma: a retrospective single-centre study (2024). *Journal of Endocrinological Investigation*. doi: 10.1007/s40618-023-02283-1.

- **De Alcubierre D**, Gkasdaris G, Mordrel M, Joncour A, Briet C, Almairac F, Boetto J, Mouly C, Larrieu-Ciron D, Vasiljevic A, Villa C, Sergeant C, Ducray F, Feuvret L, Chanson P, Baussart B, Raverot G, Jouanneau E. BRAF and MEK inhibitor targeted therapy in papillary craniopharyngiomas: a cohort study (2024). *European Journal of Endocrinology*. doi: 10.1093/ejendo/lvae091.

- Pofi R, **De Alcubierre D**, Dong J, Tomlinson JW. New Approaches to the Treatment of Hypercortisolism (2025). *Annu Rev Med*. doi: 10.1146/annurev-med-071723-044849

- Cela E, **De Alcubierre D**, Sbardella E. Polycystic Ovary Syndrome in the Context of Pituitary Adenomas: Prevalence, Pathophysiology and Clinical Management (2024). *Clin Endocrinol (Oxf)*. doi: 10.1111/cen.15182.

- Bonaventura I, Minnetti M, Ferrari D, Hasenmajer V, Tomaselli A, **De Alcubierre D**, Lenzi A, Pofi R, Isidori AM. Impact of Female Sex and Mild Cortisol Secretion on Coagulation Profile in Adrenal Incidentalomas (2024).. *J Endocr Soc*. doi: 10.1210/jendso/bvae215.

- Kaparounaki C, Ilie MD, **De Alcubierre D**, Anagnostis P, Haidich AB, Isidori AM, Dekkers OM, Goulis DG, Raverot G. Medical treatment in acromegaly: a network meta-analysis. (2025). *Eur J Endocrinol*. 2025 Oct 30;193(5):S83-S94. doi: 10.1093/ejendo/lvaf221.

- **De Alcubierre D**, Feola T, Puliani G, Ferrigno R, Amodeo ME, d'Aniello F, Pirchio R, Sada V, Pandozzi C, Sesti F, Gianfrilli D, Isidori AM, Grossman AB, Sbardella E. Endocrine and metabolic consequences of childhood-onset craniopharyngioma during the transition age: A literature review by the TALENT study group. (2025) *Rev Endocr Metab Disord*. 2025 Dec;26(6):989-1008. doi: 10.1007/s11154-025-09972-7.

- Feola T, **De Alcubierre D**, Puliani G, Cozzolino A, Sciarra F, Vincenzi L, Hasenmajer V, Sada V, Appetecchia M, Giannetta E, Sbardella E, Jaffrain-Rea ML, Venneri MA, Isidori AM. Circulating immune cell profile in patients with acromegaly: results from the PROMISE, a prospective clinical trial. (2025) *Eur J Endocrinol*. 2025 Apr 30;192(5):577-589. doi: 10.1093/ejendo/lvaf085.

- Ferrari D, Bonaventura I, Simeoli C, Tomaselli A, Vincenzi L, **De Alcubierre D**, Sciarra F, Rizzo F, Cerroni L, Di Paola N, Minnetti M, Sbardella E, Venneri MA, Pofi R, Pivonello R, Gianfrilli D, Hasenmajer V, Isidori AM. Chronotherapy With Once-Daily Osilodrostat Improves Cortisol Rhythm, Quality of Life, and Sleep in Cushing's Syndrome. (2025) *J Clin Endocrinol Metab*. 2025 Nov 18;110(12):3525-3537. doi: 10.1210/clinem/dgaf206.

- Carbonara F, Gianni F, Feola T, Mancinelli F, **De Alcubierre D**, Moroni M, Lucantonio E, Arcella A, Di Pardo A, Morace R, Isidori AM, Gambardella S, Esposito V, Jaffrain-Rea ML. New Insights from the Expression of the Mismatch Repair System in Pituitary Neuroendocrine Tumors. (2026) *Endocr Pathol*. 2026 Jan 2;37(1):2. doi: 10.1007/s12022-025-09896-7.

- Gatto F, Arecco A, **De Alcubierre D**, De Simone M, Gentiluomo R, Lanzi V, Paglia F, Frara S, Ferrà F, Colao A, Auriemma RS. Gender differences in the glycometabolic and cardiovascular features of acromegaly. (2026) *Pituitary*. 2026 Jan 22;29(1):34. doi: 10.1007/s11102-025-01629-7.

- **De Alcubierre D**, Ferrari D, Tomaselli A, Moscucci F, Bonaventura I, Francia A, Vozza

E, Lospinuso I, Ettorre E, Hasenmajer V, Minnetti M, Sbardella E, Tenuta M, Morelli S, Paganini AM, Isidori AM, Pofi R. Long-Term Cardiac Effects of Adrenalectomy Versus Surveillance in Mild Cortisol Excess: 5-Year Results from the prospective ITACA Study. (2026) Eur J Endocrinol. 2026 Jan 23;lvag018. doi: 10.1093/ejendo/lvag018.

- **De Alcubierre D**, Feola T, Gianni F, Verrico M, Carbonara F, Venditti E, Isidori AM, Esposito V, Minniti G, Jaffrain-Rea ML. Life-Threatening Radiation Necrosis After Complete Response to Pembrolizumab in a Patient With a Metastatic Silent PIT1 Pituitary Neuroendocrine Tumor (PitNET). J Immunother (2026) Feb 23. doi: 10.1097/CJI.0000000000000601. Online ahead of print. PMID: 41725077

Languages

Italian Bilingual or Proficient (C2)	English Bilingual or Proficient (C2)
French Advanced (C1)	

Processing Of Personal Data

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree.

Roma, 05/03/2026

De Alcubierre