Curriculum vitae

# Experience

**2022-2023** | Clinical Research Fellowship in Cardiovascular Magnetic Resonance, Harefield Hospital, London, UK. Supervisor: Prof. Chiara Bucciarelli-Ducci

* Investigated the value of noninvasive cardiovascular testing in patients with acute1 and stable chest pain2, and following [cardiac transplantation](phd.qmd)
* Improved research productivity among peers in various research groups
  + Developed [MATLAB software](portfolio.qmd#matlab-software) for automated handling of DICOM studies for extraction of relevant images
  + Streamlined data extraction from DICOM studies with [custom R/Shiny software](portfolio.qmd#cvibaker2042), eliminating manual error and reducing data collection times by > 4-fold
* Was awarded [3 travel grants](#grants-prizes-and-awards) from major cardiovascular societies

**2022** | Training Fellowship in Cardiovascular Magnetic Resonance, Royal Brompton Hospital, London, UK. Course director: Prof. Dudley J. Pennell

* Underwent full-time training in CMR under CMR Level 3 certified experts
* Contributed to the CMR service of the hospital

# Certifications and licenses

**2023** | International English Language Testing System (IELTS) – Academic english. Listening 9.0; Reading 9.0; Speaking 8.5; Writing 7.5 (scored 1 to 10)

**2022** | Occupational English Test (OET) – Medical english. Listening A; Reading A; Speaking B; Writing B (scored E to A)

**2022** | Good Clinical Practice certification. National Institute for Health and Care Research, London, UK

**2021** | Basic Life Support Provider certification, American Heart Association. “Dinamica” Training Center, Rome, Italy

# Education

**2023-present** | [Executive MSc in Health Economics, Outcomes and Management in Clinical Sciences](https://www.lse.ac.uk/study-at-lse/Graduate/degree-programmes-2024/Executive-MSc-Health-Economics-Outcomes-Management-Clinical-Sciences), London School of Economics, London, UK

**2021-2024** | [PhD in Neuroscience and Imaging](phd.qmd), «International Doctorate» G. d’Annunzio University of Chieti and Pescara, Italy. Supervisors: Prof. Sabina Gallina, Prof. Fabrizio Ricci and Prof. Chiara Bucciarelli-Ducci

* Co-authored 17 [peer-reviewed publications](publist.qmd), including 5 as first author, with focus on disease prevention and use of magnetic resonance imaging to manage patients with cardiovascular disease
* Analyzed, reported and presented findings for 7 original research studies, including three systematic reviews and meta-analyses, two observational multicenter registries and a randomized clinical trial
* Co-supervised research activity of 12 medical students and 3 cardiology trainees

**2014-2021** | [MD with Honours in Medicine and Surgery](md.qmd), «Path of Excellence» track, G. d’Annunzio University of Chieti and Pescara, Italy. Supervisor: Prof. Gian Luca Romani

**2009-2014** | Scientific High School Diploma Liceo Scientifico Carlo Levi, Irsina (Matera), Italy

# Affiliations

## Scientific societies

**2023-present** | American Heart Association (AHA)

**2022-present** | American College of Cardiology (ACC), Society for Cardiovascular Magnetic Resonance (SCMR)

**2021-present** | European Society of Cardiology (ESC), European Association of Cardiovascular Imaging (EACVI), Italian Society of Cardiology (SIC)

## Scientific working groups

**2022-present** | SCMR Early Career Group, Fellow in Training ACC, Italian Working groups on Cardiovascular Magnetic Resonance and Gender differences in cardiovascular disease

# Grants, prizes and awards

**2024** | Finalist, Early career award (clinical track), CMR 2024, 25-28 January 2024, London, UK

**2023** | Early Career Investigator Travel Grant, Council on Cardiovascular Radiology and Intervention, AHA Scientific Sessions, 11-13 November 2023, Philadelphia, USA

**2023** | Educational Grant, EACVI Conference, 10-12 May 2023, Barcelona, Spain

**2022** | Travel Grant, SCMR Conference, 25-28 January 2023, San Diego, USA

# Scientific production

For detail of my scientific production, please see my complete [list of publications](publist.qmd).

1. Liang, K. *et al.* CMR reclassifies the majority of patients with suspected MINOCA and non MINOCA. *Eur Heart J Cardiovasc Imaging* jead182 (2023) doi:[10.1093/ehjci/jead182](https://doi.org/10.1093/ehjci/jead182).

2. Ricci, F. *et al.* [Diagnostic and prognostic value of stress cardiovascular magnetic resonance imaging in patients with known or suspected coronary artery disease: A systematic review and meta-analysis](https://doi.org/10.1001/jamacardio.2023.1290). *JAMA Cardiol* **8**, 662–673 (2023).