

Curriculum Vitae

Emilio Quaia MD

Full Professor of Radiology at Department of Radiology, University of Padova (Italy)

Address:

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DATE AND PLACE OF BIRTH: July 1st 1969, Pordenone (Italy)

NATIONALITY: Italian

Present Position: Full Professor of Radiology, Department of Radiology Chair, University of Padova (Italy), via Giustiniani 2, 35128 Padova tel. 049 8212360, fax 049 8218172, cell. 331 – 7028836

Education – Academic History

1. University of Udine (Italy), MD, 1995, Cum Laude.

Thesis: Monitoring of plasma levels of L-Dopa in patients with Parkinson's disease.

Medical Board Registration: November 1995

2. University of Trieste (Italy), Residency Training – Consultant Radiologist

Thesis: Radiologic-Pathologic correlation of cystic renal tumours.

3. Master in Management and Direction of Health Organizations, University of Trento (Italy),
January 2010 – January 2011

4. Master in Statistical methods applied to clinical questions, University of Modena (Italy), June
2015 – June 2016

5. Personal Licence and Project Licence from Scottish Accreditation Board (SAB) for
experimental work with small animals (rats and mice)

6. Senior Clinical Research Fellow / Honorary Consultant in Radiology (036170) – University of
Edinburgh

GMC reference number: 4671710 Full registration in APS with a licence to practice

NRS Good Clinical Practice (GCP) Course – 15th November 2016 (RCPS Code: 102385)

Present Position:

Full Professor and Chairman of Radiology, University of Padova (Italy)

Director of Radiology Unit, University of Padova (Italy)

Director of Radiology Residency Program at University of Padova (Italy)

Director of Imaging Research at University of Padova (Italy)

Honorary Clinical Senior Lecturer University of Edinburgh (UK)

Teaching position(s)

- 2018-current Full Professor of Radiology – Radiology Curricula for Medical Students, University of Padova (Italy)
- 2016-2018 Senior Lecturer – Master of Imaging Science, University of Edinburgh
- 2014-2016 Associate Professor of Radiology – Radiologic Anatomy at University of Trieste (Italy)
- 2002-2014 Assistant Professor of Radiology – Radiologic Anatomy at University of Trieste (Italy)

Institutional Responsibilities

- 2022-current Member of University of Padova School of Medicine committee
- 2023-current Member of Teaching Committee, Department of Medicine, University of Padova (Italy)
- 2019-2023 Member of Research Committee, Department of Medicine, University of Padova (Italy)
- 2016-2018 Member of Academic Senate, University of Edinburgh (UK)

Membership in National and International Professional Societies

- 1999 - Società Italiana di Radiologia Medica (SIRM)
- 2000 - European Society of Radiology (ESR)
- 2004 - Radiologic Society of North America (RSNA)
- 2004 – Fellow - European Society of Gastrointestinal and abdominal radiology (ESGAR)
- 2004 – Fellow - European Society of Uroradiology (ESUR)

Employment history

1. From 01/08/18 Full Professor and Chief of Radiology Department – University of Padua (Italy)
2. From 01/10/16 to 01/08/18 Honorary Consultant in Radiology – Senior Research Fellow – University of Edinburgh (UK)
3. From 01/10/2014 – august 2016 Associate Professor of Radiology – Consultant in Radiology - University of Trieste (Italy)

Sabatic Periods

01/06/2005 - 01/01/2006 Molecular Imaging Research Fellowship, Memorial Sloan Kettering Cancer Center, New York (USA) - National Institutes of Health (NIH) Grant, 20892-Bethesda, Maryland, USA. Stipend in Molecular Imaging Training in Oncology in Memorial Sloan-Kettering Cancer Centre, Department for Radiology, New York, USA NIH R25-CA096945 July 1st 2005 – June 10th 2006

01/01/2005 – 15/03/2005 Observer – Department of Radiology AKH Hospital of Wien (Austria)

01/11/1999 - 30/08/2000 Research Assistant - Hammersmith Hospital London

Honors, Grants and Awards

1. Philips Research Grant 2000 – European Congress Radiology - Research and Education Fund
2. Bracco - Rosati Award in Radiology Research 2002 - SIRM
3. Philips Research Grant 2004 - European Congress Radiology - Research and Education fund
4. Arduino Ratti Award in Radiology Research 2004 - SIRM
5. Research Grant in Molecular Imaging – NIH and ECR 2004
6. Radiology Editor’s Award 2006, 2007, 2008, 2009, 2011 – Special Distinction as reviewer for the journal Radiology
7. Radiology Editor’s Award 2010, 2019 – Distinction as reviewer for “Radiology”
8. Distinguished reviewer from the AJR from april 2007 to april 2008

Advisory Groups:

- Consultant of the Society of Urogenital Radiology of SIRM up to 2010
- ESR Leadership Institute from 2013 up to 2014
- ESR audit and standards subcommittee 2014 - 2018

Editorial Boards:

- 1) Radiology (Section Ultrasonography) from 2013
- 2) European Radiology (Section Urogenital) from 2011
- 3) European Radiology (Section Editor Ultrasound) from 2007 to 2010
- 4) La Radiologia Medica (Sezione Urogenitale) from 2004 to 2010
- 5) Insights into imaging - Deputy Editor

Editor-in-chief

Tomography from 2021

Deputy Editor

Insights into Imaging from 2020

European Journal of Radiology Open from 2020

Reviewer for the following scientific journals:

- 1) Acta Radiologica
- 2) American Journal of Roentgenology
- 3) BMC Gastroenterology
- 4) European Radiology
- 5) European Journal of Radiology
- 6) International Journal of Shoulder Surgery
- 7) Insights into imaging
- 8) Journal Magnetic Resonance Imaging
- 9) Journal of thoracic imaging
- 10) Medical and Biological Engineering and Computing
- 11) Molecular Imaging and Biology
- 12) Nature Review Clinical Oncology
- 13) Polymer Engineering and Science
- 14) La Radiologia Medica
- 15) Radiology
- 16) Urology

Bibliometrics:

Number of papers on Scopus: 206

Number of citations on Scopus: 4805

Hirsch (Scopus): 35

Contemporary (Publish or perish): 33

Guideline development experience

1. ESSD-ESGAR Best Practice Positions on the Technical performance of videofluoroscopic swallowing studies (VFSS) in patients with swallowing disorders
2. Multisocietal European consensus on the terminology, diagnosis, and management of patients with synchronous colorectal cancer and liver metastases: an E-AHPBA consensus in partnership with ESSO, ESCP, ESGAR, and CIRSE.
3. Update ESGAR Guidelines on MRI of Rectal Cancer

Past and Present Research Activity and Funds

1. Philips Research Grant 2000 – Provided by the European Congress Radiology - Research and Education Fund
2. Bracco - Rosati Award in Radiology Research 2002 – Provided by the Italian Society of Radiology (SIRM)
3. Philips Research Grant 2004 - Provided by the European Congress Radiology - Research and Education fund
4. Arduino Ratti Award in Radiology Research 2004 - Provided by the Italian Society of Radiology (SIRM)
5. National Institutes of Health (NIH) Grant, 20892-Bethesda, Maryland, USA. Stipend in Molecular Imaging Training in Oncology in Memorial Sloan-Kettering Cancer Centre, Department for Radiology, New York, USA NIH R25-CA096945 July 1st 2005 – June 10th 2006
6. Research Grant from the Italian Society of Radiology (SIRM) in 2010 titled: Early assessment of therapeutic outcome of liver metastases to chemotherapy by MR diffusion
7. PRIN from Italian Ministry of University and Research: Research Projects of Relevant National Interest – 2022 A multifaceted quantitative approach by Magnetic Resonance Imaging to stratify

liver derangement and dysfunction in chronic liver disease: a prospective multicenter study by texture analysis, IVIM evaluation, and T1 relaxometry.

Books – Editor:

Quaia E (ed) Contrast Media in ultrasonography: basic principles and clinical applications. Springer Verlag, Heidelberg-New York, 2005 - ISBN: 3-540-40740-5

Quaia E (ed) Mezzi di contrasto in ecografia: Applicazioni Addominali. Springer Italia, Milano, 2007 - ISBN: 978-88-470-0616-4

Quaia E (ed) Radiological imaging of the kidney (1st edition). Heidelberg-New York: Springer Verlag, Heidelberg-New York, 2011 - ISBN: 978-3-540-87596-3; e-ISBN: 978-3-540-87597-0

Quaia E (ed) Radiological imaging of the kidney (2nd edition). Heidelberg-New York: Springer Verlag, Heidelberg-New York, 2014 - ISBN: 978-3-642-54046-2; e-ISBN: 978-3-642-54047-9;

Clevert D, D'Onofrio M, Quaia E (eds) Atlas of Elastosonography: Clinical Applications with Imaging Correlations – Springer 27 Nov 2016 Springer. 263 p. -ISBN: 978-3-319-44199-3 (Print) 978-3-319-44201-3 (Online)

Quaia E (ed) Imaging of the liver and intra-hepatic biliary tract – Volume 1. Heidelberg-New York: Springer Verlag, Heidelberg-New York, 2021 – ISBN: 978-3-030-38982-6; e-ISBN: 978-3-030-38983-3

Quaia E (ed) Imaging of the liver and intra-hepatic biliary tract – Volume 2. Heidelberg-New York: Springer Verlag, Heidelberg-New York, 2021 – ISBN: 978-3-030-39020-4; e-ISBN: 978-3-030-39021-1

Clinical Trials

- 1) Pilot study to evaluate the accuracy of unenhanced and SonoVue enhanced ultrasonography in the characterization of focal liver lesions versus a reference standard (Protocollo Bracco, BR1-039);.
- 2) A Phase II multicenter randomized study for the characterization of focal liver lesions using SonoVue-enhanced ultrasonography (Protocollo Bracco, BR1-071);
- 3) Non-Invasive Characterization of renal masses using immuno-PET (Protocollo PAR-05-114, svolto presso il MSKCC di New York);
- 4) Pilot study of iodine-124 labeled chimeric G250 (124 I-cG250) in presurgical patients (Protocollo IRB#: 05-004, svolto presso il MSKCC di New York);
- 5) Pilot study trial testing two dose levels in targeting Lewis Y antigen in small cell lung cancer with a humanized monoclonal antibody, hu3S193 (Protocollo IRB#: 05-006, svolto presso il MSKCC di New York);
- 5) Pilot study to evaluate the accuracy of SonoVue enhanced ultrasonography in the

- assessment of cytostatic effect of Sorafenib (Protocollo Bracco, BR1-039);
- 6) A comparison of the sensitivity of contrast-specific imaging techniques as a function of flow, vessel diameter, concentration of Luminity microbubbles and insonation frequency -
Clinical Research Grant Number CG# 16016 – University of Edinburgh (UK)
 - 7) Targeting fibrosis in chronic allograft damage by MR elastography – University of Edinburgh (UK)
 - 8) 2018 ISSF Research Fund, University of Edinburgh: Differentiation of Inflammatory Strictures from Fibrotic Strictures in Crohn Disease by PET- MR enterography – University of Edinburgh (UK)
 - 9) MRC – NIRG Research Fund, Medical Research Council (UK) - applied: Characterization of hepatocellular nodules in Liver Transplantation Candidates by PET - MR imaging: differentiation of benign nodules - macroregenerative and dysplastic nodules – from hepatocellular carcinoma – University of Edinburgh (UK)
 - 10) Cancer Research UK - applied: Detection and Characterization of Hepatocellular nodules in Liver Transplant Candidates by PET MR imaging – University of Edinburgh (UK)
 - 11) University of Edinburgh –Imaging and Molecular Biomarkers of Kidney Disease and Senescence TF_014_20181123.
 - 12) Early diagnostic markers of chronic allograft disease
 - 13) Machine learning in HCC detection on US surveillance
 - 14) A comparison of the sensitivity of contrast-specific imaging techniques as a function of flow, vessel diameter, concentration of Luminity microbubbles and insonation frequency -
Clinical Research Grant Number CG# 16016 –ONGOING GRANT – 10,000 pounds

Padova 19/05/25

