Andrea Laghi
Curriculum Vitae et Studiorum

Part I – General Information

Full Name	Andrea Laghi
Date of Birth	-
Place of Birth	Rome
Citizenship	Italian
Nr. College of MDs	Ordine dei Medici di Roma, 44906
Permanent Address	-
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Spoken Languages	Italian, English

Part II – Main current appointments

Institution	Position
Sapienza – University of Rome **Faculty of Medicine and Psychology** Department of Surgical and Medical Sciences and Translational Medicine	Full Professor of Radiology
Sapienza – University of Rome **Faculty of Medicine and Psychology, School of Medicine** Diagnostic Imaging Teaching Course	Course coordinator
Sapienza – University of Rome **Faculty of Medicine and Psychology, PhD in "Oncology"**	Board Member
Sant'Andrea University Hospital, Rome UOC Radiologia Diagnostica e Interventistica	Director (Dir. Med. II liv.)
CSS - Consiglio Superiore di Sanità / Superior Health Council	Council member
ESGAR - European Society of Gastrointestinal and Abdominal Radiology	President-elect ExCom Board Member
Investigative Radiology	Associate Editorial Board
European Radiology	Scientific Editorial Board, Editor of Gastrointestinal – Abdominal Section
Abdominal Radiology (formerly Abdominal Imaging)	Editorial Board, Member
La Radiologia Medica	Scientific Editorial Board

Part III - Visiting Professorships

Start	End	Institution	Lecture/Course
11/ 2008	11/ 2008	University of Toronto and McMaster University (Canada)	Visiting Professor
09/ 2012	09/ 2012	Chinese PLA General Hospital (Beijing) and The First Affiliated Hospital of Zhengzhou University, Zhengzhou (Cina)	European School of Radiology (ESOR) Visiting Professorship
07/ 2014	07/ 2014	UniversitätsSpital Zürich, Institute für Diagnostische und Interventionelle Radiologie, Zurich, CH	Visiting Professor
02/ 2018	02/ 2018	Uganda (Mulago Hospital/Uganda Cancer Institute; Kampala MRI Center; St. Raphael of St. Francis Hospital, Nsambya)	Radiological Society of North America (RSNA) International Visiting Professorship (IVP) Programme

Part IV - Society memberships and Honours

V A – Society memberships

Start	End	Institution
1993	today	Società Italiana di Radiologia Medica (SIRM)
1995	today	European Society of Radiology (ESR) (formerly European Congress of Radiology, ECR)
1998	today	European Society of Gastrointestinal and Abdominal Radiology (ESGAR) (Fellow from 2003)
1999	today	Radiological Society of North America (RSNA)
2011	today	European Society of Oncologic Imaging (ESOI)
2012	2014	EuroPACS
2015	today	European Society of Hybrid Imaging (ESHI)
2018	today	It.a.net (Associazione Italiana per i Tumori Neuroendocrini)

V B – Honorary memberships

Year	Institution
2011	Sociedad Española de Diagnostico Por Imagen del Abdomen (SEDIA)
2016	Iranian Society of Radiology (ISR)
2019	Society of Oncologic Imaging India (SOII)

Part V – Editorial boards

Start	End	Journal	Position
2002	2010	La Radiologia Medica	Scientific Editorial Board, Informatics section, member

2010	2012		Scientific Editorial Board, Computed Tomography section, Member
2016	today		Advisory Editorial Board, Member
			International Office, Member
2003	2008	Investigative Radiology	Assistant Editorial Board
2008	today		Associate Editorial Board
2004	today	Current Medical Imaging Reviews	Editorial Board, Member
2008	2015	European Radiology	Scientific Editorial Board, Gastrointestinal – Abdominal Section, Member
2016	today		Scientific Editorial Board, Gastrointestinal – Abdominal Section, Editor
2012	today	Abdominal Radiology (formerly Abdominal Imaging)	Editorial Board, Member
2016	today	Hellenic Journal of Radiology	Editorial Board, Member
2017	today	Cancers	Editorial Board, Member

Part VI – Main Research projects

Year	Program	Title	Grant value
INTERNATIONAL GRANTS			
2016	**EORTC (European Organization for Research and Treatment of Cancer) protocol 1423-IG-GITCG** Role: I Aim: to assess if DWI can be used as an imaging biomarker for assessing response to therapy in colorectal cancer liver metastases	*Evaluation of diffusion weighted MRI in patients with resectable liver metastases from colorectal cancer treated with preoperative therapy*	€7.000
2020	**CHAIMELEON European Union's Horizon 2020 research and innovation programme, grant No 952172** Role: PI Aim: to set up an EU-wide structured repository for health imaging data as an open source for artificial intelligence (AI) experimentation in cancer management	CHAIMELEON - Artificial intelligence as a new tool for cancer management coordination	€463.125
NATIONAL GRANTS			
2003	**Banca d'Italia research funding** Role: PI Aim: acquisition of a workstation dedicated to CT Colonography (ColonViewer, Viatronix Inc, Stony Brook, NJ, USA)	*Multidetector spiral CT colonography without large bowel preparation ("fecal tagging"): technique optimization and preliminary evaluation in a screening population*	€65.000

2005	**PRIN - Project of High National Interest, No. 2005062137, Italian Ministry of education, university and research (MIUR)** Role: PI Aim: Development and optimization of tagging protocols for CT Colonography	*Optimization of CT Colonography study protocol using "fecal tagging*	€20.000
2009	**Regione Lazio Research project FILAS-RS- 2009-1230** Role: PI Aim: Development and testing of an innovative teaching tool for CT Colonography	*Development of a service platform for the guided practice of diagnosis using Virtual colonoscopy in the prevention of colon tumors ("self tuition")*	€158.000
2012	**FIRB Programme "Future in Research" (prot. RBFR12JF2Z_002)** Role: I Aim: To provide MR and CT datasets from clinical practice in order to test the innovative system for complex calculation developed in the project	*Realizzazione di un sistema innovativo per il calcolo complesso e il pattern recognition in tempo reale mediante l'utilizzo di processori grafici commerciali (GPU). Applicazione nella selezione di eventi rari in esperimenti di Fisica delle Alte Energie e nell'imaging medico in CT, NMR e PET*	-
2013	**University Research project for the acquisition of medium and large size scientific equipment Sapienza - University of Rome (prot. C26G13W83K)** Role: PI Aim: to explore the role of texture analysis applied to CT and MR datasets as an imaging biomarker in oncology	*Software for Texture Analysis in Computed Tomography and Magnetic Resonance: a potential biomarker in oncologic imaging*	€25.000
	Project AIRC (Associazione Italiana per la Ricerca sul Cancro) Investigator Grant 2013 (IG-2013), n.14129 Role: PI Aim: to evaluate the diagnostic and prognostic role of different MR imaging biomarkers in assessing response to therapy of rectal cancer	*MR Imaging Biomarkers in Response Evaluation to Neoadjuvant Chemo-radiotherapy in Rectal Cancer*	€275.000
2021	**Project AIRC (Associazione Italiana per la Ricerca sul Cancro) Investigator Grant 2020 (IG-2020), n. 24974** Role: PI Aim: to characterize biological processes in a voxel-wise high-spatial resolution approach, extracting first, second and third order radiomics features from CT datasets of patients with colon tumor. Radiomic features will be subsequently computed by AImodel and integrated with clinical data to eventually generate a radiogenomic signature for personalised management of patients with colon tumor	*ATTRACT - ArTificial inTelligence-based RAdiogenomics in Colon Tumors*	€965.000

Part VII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers	323	PubMed	1993	2021
Books	18	Google/Scopus	1997	2021
Series Editor	2	Google/Scopus	2014	2021
Book chapters	110	Google	1994	2021

	Scopus	Google
Total Citations	9230	13908
Average Citations per Product	28.7	43.2
Hirsch (H) index	49	62
Normalized H index*	1.69	2.14
i10-index	-	197

*H index divided by the academic seniority

Rome, 01 July 2021

Prof. Andrea Laghi