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Nicola Galea

Curriculum Vitae

Place: Rome

Date: 25-01-2022

Part I – General Information

Full Name	Nicola Galea
Spoken Languages	Italian (mother tongue), english (advanced level)

Part II – Education

Type	Year	Institution	Notes
University graduation	2006	“Sapienza” University of Rome	LAUREA IN MEDICINA E CHIRURGIA
Qualification to medical practice	2007	“Sapienza” University of Rome	ABILITAZIONE ALLA PROFESSIONE MEDICA E ISCRIZIONE ALBO DEI MEDICI-CHIRURGHI E ODONTOIATRI
Post-graduate studies	2011	“Sapienza” University of Rome	DIPLOMA DI SPECIALIZZAZIONE IN RADIODIAGNOSTICA
PhD	2015	“Sapienza” University of Rome	DOTTORATO DI RICERCA IN FISIOPATOLOGIA CHIRURGICA ANGIO- CARDIO-TORACICA E IMAGING FUNZIONALE RADIOISOTOPICO

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
2005	2007	“Sapienza” University of Rome Department of Radiological, Oncological and Pathological Sciences	Internship in Unit of Interventional Radiology
2012	2015	“Sapienza” University of Rome Department of Radiological, Oncological and Pathological Sciences	Research Fellow as winner of Research Grant “BAND PROGRAMMA "FUTURO IN RICERCA" with Research Title: “The phosphodiesterase system as a novel target pathophysiology of diabetic cardiomyopathy. Molecular and functional studies on the neuro-endocrine adaptive mechanisms in striated muscle cells and endothelial cells”
2015	2017	“Sapienza” University of Rome Department of Radiological, Oncological and Pathological Sciences	Fellowship in Cardiovascular Imaging Unit

2017	present	“Sapienza” University of Rome Department of Experimental Medicine	Ricercatore a tempo determinato tipo A con impegno a tempo definito” SSD MED/36 finalizzato all’esecuzione delle attività di ricerca “Studio di cardio RM in pazienti affetti da diabete mellito di tipo 2 affetti da cardiomiopatia diabetica, studio della fibrosi cardiaca mediante T1-mapping, della cinetica cardiaca con studio tagging e della performance cardiaca con tecniche avanzate” nell’ambito del progetto di ricerca: “Gender differences in endocrine-related cardiomyopathies: from pathophysiology to novel target therapy”, SIR 2014, CUP B82I15000870001 e quella prevista dal progetto PRIN 2017 dal titolo “Patofisiologia, Epidemiologia e Genetica del deficienza primaria e resistenza all’ormone paratiroideo: Studio Italiano Multicentrico (PEGASUS)”
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IIIB – Other Appointments

Start	End	Institution	Position
Jul 2005	Aug 2005	Department of Radiology, KBC of Rijeka, Croatia	IFMSA (International Federation of Medical Students' Associations) Visiting Scholar in “Clerkship Exchange Program”
Jun 2006	Aug 2006	Department of Radiology, Beaumont Hospital, Royal College of Surgeons in Ireland, Dublin, Ireland	Visiting Scholar
Dec 2010	Mar 2011	Department of Radiology, Mount Sinai Medical Center, New York City (NY), United States	Research Fellowship in Body MRI
Apr 2011	May 2011	American Institute for Radiologic Pathology, American College of Radiology, Silver Spring, Washington (DC), United States	Four-week Radiologic Pathologic Correlation Course
Mar 2014	Mar 2014	Department of Radiology, Charité, Berlin (DE)	Cardiac CT training: supervised analysis of 100 CT datasets
Ott 2018	Ago 2019	Azienda Policlinico Umberto I Hospital - Rome	Contract (Co.co.co.) for coordination and scientific manager of local research unit of the multicentre prospective observational research project entitled: "Role of cardiac magnetic resonance in the evaluation of persistent inflammation of the myocardium after acute myocarditis: prognostic value", winner of the grant of the Ministry of Health "Finalized Project - Young Researchers" (GR-2013 - 02356832).

Part IV – Teaching experience

Year	Institution	Lecture/Course
2017-2018	Corso di laurea in Fisioterapia (abilitante alla professione sanitaria di Fisioterapista) “M” – Sapienza Università di Roma - Roma Azienda San Filippo Neri L/SNT2	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE (1CFU in MED/36)

2018-2019	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “B” – Sapienza Università di Roma - Roma Azienda S. Camillo Forlanini L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE I (1CFU in MED/36)
2018-2019	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “G” – Sapienza Università di Roma - Roma Ospedale Santo Spirito L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE I (1CFU in MED/36)
2018-2019	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “B” – Sapienza Università di Roma - Roma Azienda S. Camillo Forlanini L/SNT3	Insegnamento: APPARECCHIATURE DELL'AREA RADIOLOGICA (1CFU in MED/36)
2018-2019	Corso di Laurea magistrale Medicina e chirurgia 'D' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Insegnamento: DIAGNOSTICA PER IMMAGINI (1CFU in MED/36)
2018-2019	Corso di Laurea in Infermieristica (abilitante alla professione sanitaria di Infermiere) - Sapienza Università di Roma - A.O. S. Camillo L/SNT1	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE (1CFU in MED/36)
2018-2019	Corso di laurea in Fisioterapia (abilitante alla professione sanitaria di Fisioterapista) “M” – Sapienza Università di Roma - Roma Azienda San Filippo Neri L/SNT2	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE (2CFU in MED/36)
2018-2019	Corso di laurea in Fisioterapia (abilitante alla professione sanitaria di Fisioterapista) “C” – Sapienza Università di Roma - Roma Azienda San Giovanni Addolorata L/SNT2	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE (2CFU in MED/36)
2019-2020	Corso di Laurea magistrale Medicina e chirurgia 'B' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Insegnamento: SCIENZE TECNICHE MEDICHE APPLICATE (2CFU in MED/50)
2019-2020	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “B” – Sapienza Università di Roma - Roma Azienda S. Camillo Forlanini L/SNT3	Insegnamento: APPARECCHIATURE DELL'AREA RADIOLOGICA (1CFU in MED/36)
2019-2020	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “B” – Sapienza Università di Roma - Roma Azienda S. Camillo Forlanini L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE I (1CFU in MED/36)
2019-2020	Corso di Laurea in Infermieristica (abilitante alla professione sanitaria di Infermiere) – “C” Sapienza Università di Roma - A.O. Policlinico Umberto I L/SNT1	Insegnamento: RADIOPROTEZIONE INFERMIERISTICA (1CFU in MED/36)

2019-2020	Corso di Laurea magistrale Medicina e chirurgia 'D' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Insegnamento: DIAGNOSTICA PER IMMAGINI (1CFU in MED/36)
2019-2020	Corso di laurea in Fisioterapia (abilitante alla professione sanitaria di Fisioterapista) "C" – Sapienza Università di Roma - Roma Azienda San Giovanni Addolorata L/SNT2	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE (2CFU in MED/36)
2019-2020	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) "A" – Sapienza Università di Roma - Roma Azienda Policlinico Umberto I L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE I (1CFU in MED/36)
2019-2020	Corso di laurea in Fisioterapia (abilitante alla professione sanitaria di Fisioterapista) "M" – Sapienza Università di Roma - Roma Azienda San Filippo Neri L/SNT2	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE (2CFU in MED/36)
2019-2020	Corso di Laurea magistrale Medicina e chirurgia 'D' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Insegnamento: DIAGNOSTICA PER IMMAGINI (2CFU in MED/36)
2019-2020	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) "G" – Sapienza Università di Roma - Roma Ospedale Santo Spirito L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE II (1CFU in MED/36)
2019-2020	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) "G" – Sapienza Università di Roma - Roma Ospedale Santo Spirito L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE III (1CFU in MED/36)
2019-2020	Corso di Laurea magistrale Medicina e chirurgia 'D' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Tutoraggio TPVES (2CFU in MED/09)
2020-2021	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) "G" – Sapienza Università di Roma - Roma Ospedale Santo Spirito L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE III (1CFU in MED/36)
2020-2021	Corso di Laurea magistrale Medicina e chirurgia 'D' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Tutoraggio TPVES (5CFU in MED/09)
2020-2021	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) "G" – Sapienza Università di Roma - Roma Ospedale Santo Spirito L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE II (1CFU in MED/36)
2020-2021	Corso di Laurea in Infermieristica (abilitante alla professione sanitaria di Infermiere) – "C" Sapienza Università di Roma - A.O. Policlinico Umberto I L/SNT1	Insegnamento: RADIOPROTEZIONE INFERMIERISTICA (1CFU in MED/36)

2020-2021	Corso di laurea in Fisioterapia (abilitante alla professione sanitaria di Fisioterapista) “M” – Sapienza Università di Roma - Roma Azienda San Filippo Neri L/SNT2	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE (2CFU in MED/36)
2020-2021	Corso di Laurea magistrale Medicina e chirurgia 'B' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Insegnamento: DIAGNOSTICA PER IMMAGINI (1CFU in MED/36)
2020-2021	Corso di Laurea magistrale Medicina e chirurgia 'B' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Insegnamento: SCIENZE TECNICHE MEDICHE APPLICATE in Corso di Organi di Senso (1CFU in MED/50)
2020-2021	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “A” – Sapienza Università di Roma - Roma Azienda Policlinico Umberto I L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE I (1CFU in MED/36)
2020-2021	Corso di laurea in Fisioterapia (abilitante alla professione sanitaria di Fisioterapista) “C” – Sapienza Università di Roma - Roma Azienda San Giovanni Addolorata L/SNT2	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE (2CFU in MED/36)
2020-2021	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “B” – Sapienza Università di Roma - Roma Azienda S. Camillo Forlanini L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE I (1CFU in MED/36)
2020-2021	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “B” – Sapienza Università di Roma - Roma Azienda S. Camillo Forlanini L/SNT3	Insegnamento: DIAGNOSTICA PER IMMAGINI E RADIOPROTEZIONE II (1CFU in MED/36)
2020-2021	Corso di Laurea magistrale Medicina e chirurgia 'D' - Sapienza Università di Roma Azienda Policlinico Umberto I - LM-41	Insegnamento: DIAGNOSTICA PER IMMAGINI (2CFU in MED/36)
2020-2021	Corso di laurea in Tecniche di radiologia medica, per immagini e radioterapia (abilitante alla professione sanitaria di Tecnico di radiologia medica) “A” – Sapienza Università di Roma - Roma Azienda Policlinico Umberto I L/SNT3	Insegnamento: SCIENZE TECNICHE MEDICHE APPLICATE (2CFU in MED/50)
2017-2021	Scuola di Specializzazione in Radiodiagnostica – Dipartimento di Scienze Radiologiche, Oncologiche ed Anatomo-Patologiche – Sapienza Università di Roma	Insegnamenti: Imaging Cardiovascolare (dall’aa. 2017-2018 ad oggi) Principi di Tomografia Computerizzata (dall’aa. 2019-2020 ad oggi) Principi di Risonanza Magnetica (dall’aa. 2020-2021 ad oggi)

Invited speaker at:

- European Congress of Radiology 2020, annual conference of European Society of Radiology (online, 29-30 Sept 2020)
- “Teach to the Teacher” Course organized by the European School of Radiology (ESOR) endorsed by European School of Radiology (ESR): Faculty Member and Speaker 07-11-2013 al 11-11-2013
- Annual Meeting European Society of Cardiovascular Radiology ESCR 2017 “T1/T2 MAPPING WORKSHOP - How to evaluate T1 and T2 mapping” – Coordination and Speaker (Milan, 12-14 Oct 2017)

- Joint Meeting European Society of Cardiovascular Radiology ESCR and European Society of Thoracic Imaging 2018 (Geneve, CH 24-26 May 2018)
- EMRI Erasmus Course Cardiovascular MRI with CT correlation (Rome, 13-14 June 2019)
- 7th Annual Meeting of Society of Cardiovascular Computed Tomography (SCCT 2019) China IRC (Zhengshou, China, 27-29 Sept 2019)
- Annual Meeting European Society of Cardiovascular Radiology ESCR 2019 (Antwerp, BE 24-26 Oct 2019)
- 3rd EANM Advanced Course and Congress Imaging, Infection and Inflammation (Rome, 9-12 Dec 2019)
- Webinar 2019 European Society of Cardiovascular Radiology (ESCR) official website – Optimize your cardiac MR: Cardiac MR optimization in daily clinical routine - „My flow measurements are not correct“: Clinical examples, explanations and solutions
- Webinar 2020 – European Society of Radiology official website– “Myocardial strain - tool or toy? Clinical application of strain imaging“
- Annual Meeting European Society of Cardiovascular Radiology ESCR 2020 and 2021 (online editions)
- Course of Italian College of Cardiac Imaging by SIRM (Sezione della Cardioradiologia della Società Italiana Radiologia Medica) - Centro Studi Cardello - Roma ""Approccio di Base alla Cardio-RM: ottimizzazione dell'esame e sicurezza del paziente, oltre le leggende urbane" lecture titled: “Pace-maker ed altri device in Cardio- RM: sicurezza e selezione del paziente” from 03-11-2015 tp 03-11-2015
- Annual Meeting of Italian College of Cardiac Imaging by SIRM (Sezione di Cardioradiologia della Società Italiana di Radiologia Medica) "CARDIORADIOLOGIA NEL 2015: dall'istologia all'imaging in-vivo". CATANIA - Hotel Principe – lecture titled "Software di post-processing" from 24-11-2015 to 25-11-2015
- Course of Italian College of Cardiac Imaging by SIRM (Sezione della Cardioradiologia della Società Italiana Radiologia Medica) - Bari - Ateneo Università degli studi di Bari, Aula Magna lecture titled "Post-processing e referto strutturato" from 18-05-2017 to 19-05-2017
- Course of Italian College of Cardiac Imaging by SIRM (Sezione della Cardioradiologia della Società Italiana Radiologia Medica) - Torino - AOU Città della Salute e della Scienza di Torino Presidio Molinette • Aula Giovanni Juliani, lecture titled "Indicazioni, protocolli di studio e preparazione del Paziente: Cardio-RM" from 15-06-2017 to 16-06-2017
- Annual Congress of European Society of Cardiovascular Radiology (ESCR) 2017 Session Title: Educational Session 8 | Technical improvements in imaging of arrhythmias Lecture Title: Device: Update on MR conditional devices from 12-10-2017 to 14-10-2017
- Joint course of Italian College of Cardiac Imaging and Magnetic Resonance by SIRM (Sezione della Cardioradiologia della Società Italiana Radiologia Medica) - Centro Studi Cardello – Roma "Aggiornamenti nella Safety in Risonanza Magnetica : nuova sfida e responsabilità per il Radiologo" lecture titled: Pace-Maker e altri device intra-cardiaci: quando si e quando from 13-11-2017 to 13-11-2017
- Course of Italian College of Cardiac Imaging by SIRM (Sezione della Cardioradiologia della Società Italiana Radiologia Medica) - Centro Studi Cardello - Roma ""Tips And Tricks" In Cardio TC " Lecture titled: Cardio-TC in urgenza: quale ruolo e per chi? from 14-05-2018 to 14-05-2018
- Joint Meeting of ESTI (European Society of Thoracic Imaging) and ESCR (European Society of Cardiovascular Radiology) 2018 - Workshop Mapping 2 (chronic injury model) – Speaker and Coordinator from 24-05-2018 to 26-05-2018

Scientific committee

- 2014: Abstract Selection Committee in 26th Annual International Conference in Magnetic Resonance Angiography (“MRAclub”) in Rome from 16-9-14 to 19-9-14
- 2017 Annual Conference of Italian College of Cardiac Imaging by SIRM (Sezione della Cardioradiologia della Società Italiana Radiologia Medica) "CARDIORADIOLOGIA NEL 2017: IL PAZIENTE AL CENTRO" - Ospedale Santo Spirito - Sala Alessandrina – ROMA – from 14-12-2017 to 15-12-2017
- 2019 Annual Conference of Italian College of Cardiac Imaging by SIRM (Sezione della Cardioradiologia della Società Italiana Radiologia Medica) – Milano Hotel dei Cavalieri – from 26-09-19 to 27-09-19

- 2021 Annual Conference of Italian College of Cardiac Imaging by SIRM (Sezione della Cardioradiologia della Società Italiana Radiologia Medica – Torino – OGR Officine Grandi Riparazione from 9-9-21 to 10-9-21

Part V - Society memberships, Awards and Honors

Year	Title
2017-2020	Secretary of Italian College of Cardiac Radiology of SIRM (Segretario della Sez. di Cardioradiologia della Società Italiana di Radiologia Medica)
2020-present	Elected Councilor of Italian College of Cardiac Radiology of SIRM (Consigliere della Sez. di Cardioradiologia della Società Italiana di Radiologia Medica)
2020-present	Member of “Guidelines Committee” of European Society of Cardiovascular Radiology (ESCR)
2017	European Congress of Radiology 2017 - Scientific Exhibition Award - Certificate of Merit for the electronic poster “Low sensitivity of cardiac magnetic resonance in detecting inflammation in patients with Anderson-Fabry disease”

Editorial Board Membership

- Frontiers in Cardiovascular Medicine
- World Journal of Radiology
- BioMed Research International
- Journal of Cardiovascular Medicine and Cardiology
- Website www.mdct.net edited by Springer Healthcare

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2013	“DIAGNOSTIC IMAGING STRATEGIES FOR PATIENTS WITH STABLE CHEST PAIN AND INTERMEDIATE RISK OF CORONARY ARTERY DISEASE: COMPARATIVE EFFECTIVENESS RESEARCH OF EXISTING TECHNOLOGIES”.	GRANT FRAMEWORK PROGRAM 7 (FP7 N. 603266) FINANZIATO DALLA COMUNITÀ EUROPEA COORDINATORE INTERNAZIONALE: MARC DEWEY (BERLINO); COORDINATORE ITALIANO: MARCO FRANCONI (ROMA); ROLE: CO-INVESTIGATOR	€ 5 999 995
2013	MYOCARDIAL SALVAGE AND REPERFUSION INJURY IN LATE REPERFUSED PATIENTS WITH ACUTE MYOCARDIAL INFARCTION: A COMBINED CARDIAC MAGNETIC RESONANCE IMAGING AND SELECTION OF A NOVEL CLUSTER OF CARDIO-METABOLIC BIOMARKERS	GRANT “RICERCHE UNIVERSITARIE” UNIVERSITY OF ROME “SAPIENZA” ROLE: CO-INVESTIGATOR	€ 11.000
2013	ASSESSMENT OF MYOCARDIAL REPERFUSION INJURY IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTIONS (AMI) USING CARDIAC MAGNETIC RESONANCE (CMR) AND PROGNOSTIC VALUE	GRANT “AVVIO ALLA RICERCA” UNIVERSITY OF ROME “SAPIENZA” ROLE: PRINCIPAL INVESTIGATOR	€ 3.000
2014	IDENTIFICATION OF DIFFUSE MYOCARDIAL FIBROSIS IN PATIENTS WITH DIABETES MELLITUS II-TYPE USING CARDIAC MAGNETIC RESONANCE T1 MAPPING TECHNIQUE	GRANT “AVVIO ALLA RICERCA” UNIVERSITY OF ROME “SAPIENZA” ROLE: PRINCIPAL INVESTIGATOR	€ 2.550

2015	NEW STRATEGIES FOR DIAGNOSTIC, THERAPEUTIC AND CLINICAL CARE IN METABOLIC DISORDERS AND CARDIOVASCULAR DISEASE	GRANT "FINANZIAMENTI DI ATENEO PER LA RICERCA SCIENTIFICA" UNIVERSITY OF ROME "SAPIENZA" ROLE: CO-INVESTIGATOR	€ 11.000
2015	CMR EVALUATION OF MYOCARDIAL INFLAMMATION PERSISTENCE AFTER ACUTE MYOCARDITIS: PROGNOSTIC RELEVANCE	GRANT OF NATIONAL MINISTRY OF HEALTH "WORKFLOW DELLA RICERCA – PROGETTO GIOVANI RICERCATORI" ROLE: SCIENTIFIC MANAGER OF RESEARCH UNIT	€ 284.508
2017	PHYSIOPATHOLOGY, EPIDEMIOLOGY AND GENETICS OF PRIMARY PARATHYROID HORMONE DEFICIENCY AND RESISTANCE: A MULTICENTER ITALIAN STUDY (PEGASUS	GRANT OF NATIONAL MINISTRY OF EDUCATION, UNIVERSITY AND RESEARCH (MIUR) "PROGETTI DI RILEVANTE INTERESSE NAZIONALE - PRIN" (PROT. 2017HBHA98)" ROLE: SCIENTIFIC MANAGER OF RESEARCH UNIT	€ 99.000
2019	RIGHT VENTRICULAR INVOLVEMENT IN DIABETIC CARDIOMYOPATHY: "INSIGHT ON CONTRACTILE IMPAIRMENT, MYOCARDIAL TISSUE ALTERATIONS AND THREE-DIMENSIONAL GEOMETRIC REMODELLING FROM CARDIAC MAGNETIC RESONANCE IMAGING	GRANT OF "PROGETTI DI RICERCA MEDICA" UNIVERSITY OF ROME "SAPIENZA": ROLE: PRINCIPAL INVESTIGATOR	€ 10.000
2019	IN VIVO ADVANCED SYSTEMS FOR QUALITATIVE AND QUANTITATIVE MAGNETIC RESONANCE IMAGING OF THE BRAIN AND HEART	GRANT OF "GRANDI ATTREZZATURE SCIENTIFICHE" UNIVERSITY OF ROME "SAPIENZA" ROLE: CO-INVESTIGATOR	€ 420.000
2020	CORONARY ATHEROSCLEROTIC BURDEN IN SUBJECTS WITH MONOGENIC FAMILIAL HYPERCHOLESTEROLAEMIA AND POLYGENIC HYPERCHOLESTEROLAEMIA UNDER TREATMENT: A CORONARY CT ANGIOGRAPHY STUDY WITH ARTIFICIAL INTELLIGENCE ANALYSIS	GRANT OF "PROGETTI DI RICERCA GRANDI" UNIVERSITY OF ROME "SAPIENZA": ROLE: CO- INVESTIGATOR	€ 50.000

Part VII – Research Activities

Keywords

Brief Description

Cardiac Magnetic Resonance, Cardiomyopathy, Myocarditis	Role, diagnostic performance and potential application of cardiac magnetic resonance imaging in detecting myocardial inflammation and/or fibrosis in various non-ischemic cardiomyopathies.
Cardiac Magnetic Resonance, Ischemic Heart Disease, Myocardial Infarction, Gadolinium	Myocardial infarction: utility of cardiovascular magnetic resonance for assessing myocardial injury and prognostic prediction; optimization of contrast media dosage
Right Ventricle	Optimization of the use of Cardiac Magnetic Resonance Imaging to assess ischemic and non-ischemic diseases of Right Ventricle.

Diffusion weighted Magnetic Resonance Imaging	Diffusion weighted imaging of the liver: role in lesion detection and characterization and implementation of acquisition protocol
Aorta, Post-surgical Imaging, 4D Flow	Potential role of 4D Flow imaging in evaluating the hemodynamic modifications of aortic diseases, of the dynamics of ventricular intracavitary flows and in the prediction of pathology progression or restoration of normalcy after surgery.

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	73	Scopus	2008	2021
Books [teaching]	2	Scopus	2008	2021

Total Impact factor	359,035 (Journal Citation Reports – Web of Science)
Total Citations	821 (Scopus)
Average Citations per Product	11,24 (Scopus)
Hirsch (H) index	13 (Scopus)
Normalized H index*	1 (Scopus)

*H index divided by the academic seniority.

Part IX– Selected Publications (within last 5 years)

- 2021 - **Galea Nicola**, Pambianchi Giacomo, Cundari Giulia, Sturla Francesco, Marchitelli Livia, Putotto Carolina, Versacci Paolo, De Paulis Ruggero, Francone Marco, Catalano Carlo. Impaction of regurgitation jet on anterior mitral leaflet is associated with diastolic dysfunction in patients with bicuspid aortic valve and mild insufficiency: a cardiovascular magnetic resonance study. INT J CARDIOVASC IMAGING. 2021 Aug 26. doi: 10.1007/s10554-021-02384-z.
IF: 2,357 (anno 2020)
- 2021 - **Galea Nicola**, Marchitelli Livia, Pambianchi Giacomo, Catapano Federica, Cundari Giulia, Birtolo Lucia Ilaria, Maestrini Viviana, Mancone Massimo, Fedele Francesco, Catalano Carlo, Francone Marco. T2-mapping increase is the prevalent imaging biomarker of myocardial involvement in active COVID-19: a Cardiovascular Magnetic Resonance study. J CARDIOVASC MAGN RESON. 2021 Jun 10;23(1):68. doi: 10.1186/s12968-021-00764-x.
IF: 5,364 (anno 2020)
- 2020 - **Galea Nicola**, Rosato Edoardo, Gigante Antonietta, Borrazzo Cristian, Fiorelli Andrea, Barchetti Giovanni, Trombetta Amelia Chiara, Digiulio Marianna, Villa Antonella, Francone Marco, Catalano Carlo, Carbone Iacopo. Early myocardial damage and microvascular dysfunction in asymptomatic patients with systemic sclerosis: a cardiovascular magnetic resonance study with cold pressor test. PLOS ONE 2020 Dec 22;15(12):e0244282. doi:10.1371/journal.pone.0244282.
eCollection 2020
IF: 3,240

4. 2020 - **Galea Nicola**, Catapano Federica, Marchitelli Livia, Cundari Giulia, Maestrini Viviana, Panebianco Valeria, Mancone Massimo, Fedele Francesco, Catalano Carlo, Francone Marco. How to perform a Cardio-thoracic MRI in COVID-19: comprehensive assessment of heart, pulmonary arteries and lung parenchyma. EUR HEART J CARDIOVASC IMAG 2020 Dec 16;jeaa335. doi: 10.1093/ehjci/jeaa335
IF: 6,875
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Il sottoscritto esprime il proprio consenso affinché i dati personali forniti con il presente documento possano essere trattati nel rispetto dei regolamenti vigenti e ai sensi dall'art. 4 del Codice in materia di protezione dei dati personali e dall'art. 26 del D. Lgs. 14 marzo 2013, n. 33, al fine della pubblicazione.

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