

PERSONAL INFORMATION

Antonio Rapacciuolo, MD, PhD



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C.F. RPCNTN69M09F839X

Sex Male | Date of birth 09/08/1969 | Nationality Italian

POSITION

Associate Professor of Cardiology, Federico II University of Naples

National Scientific Habilitation (ASN) as full Professor of cardiology since 2021

TEACHING ACTIVITIES

- Associate professor of Cardiology, School of Medicine and Surgery, Federico II University of Naples
- Associate Professor of Cardiology, School of Science of Technical Assistance, Federico II University of Naples
- Associate Professor of Cardiology, Boarding in Cardiology Federico II University of Naples

EDUCATION AND TRAINING

- 2013 Board certified in Pediatrics, Second University of Naples
- 2003 PhD degree in Cardiovascular Pathophysiology, "Tor Vergata" University of Rome.
- 1998 Board certified in Cardiology, Federico II University of Naples
- 1994 Unrestricted license to medical practice in the European community
- 1993 Degree in Medicine and Surgery Federico II University of Naples.

CLINICAL ACTIVITIES

- 2011-Today Director of the Cardiac Electrophysiology laboratory "Federico II" University of Naples
- 2006-2007 Specific Training for endovascular diagnosis and interventions in congenital heart diseases, Catheterization Laboratory, University of Bologna
- 1994-Today Catheterization and endovascular intervention Laboratory Division of Cardiology "Federico II" University of Naples
- 1993-98 Resident in Cardiology Division of Cardiology "Federico II" University of Naples
- 1990-93 Internal student Division of Cardiology "Federico II" University of Naples

RESEARCH ACTIVITIES

- 2000-Today *Molecular cardiology laboratory, Division of Cardiology, Federico II University of Naples.*
Clinical research, Department of Cardiology, Cardiac Surgery and Cardiovascular Emergencies
- 1998-2000 *Research Associate Molecular cardiology and genetics laboratory, Division of Cardiology, Duke University Medical Center, Durham, NC – USA*
- 1997-1998 *Post-Doctoral Fellow, Cardiovascular physiology and molecular biology laboratory, Division of Cardiology, Department of Medicine, University of North Carolina at Chapel Hill, USA*
- 1990-1997 *Molecular cardiology laboratory, Division of Cardiology, Federico II University of Naples*

Research area of interest:

1. Role of adrenergic signaling in coronary and peripheral flow regulation in man. Mechanisms of coronary and peripheral vasoconstriction induced by percutaneous coronary balloon angioplasty.
2. Molecular mechanisms underlying restenosis following coronary angioplasty and/or stenting. Molecular mechanisms regulating smooth muscle cell proliferation after vascular injury induced by balloon inflation. Evaluation of therapeutic strategies, including gene therapy, to prevent neointima formation after balloon angioplasty. Study of the molecular mechanisms underlying the excessive neointima formation after balloon injury in diabetes mellitus.
3. Study of the mechanisms involved in the progression from left ventricular hypertrophy to heart failure with particular regard to beta adrenergic signaling impairment.
4. Molecular mechanisms of G-protein coupled receptors regulation with special regard to beta adrenergic receptor downregulation after agonist stimulation.
5. Molecular mechanisms underlying early left ventricular dysfunction after pressure overload or myocardial infarction in a murine model of diabetes mellitus and in diabetic patients undergoing surgical myocardial revascularization.
6. Molecular mechanisms involved in right ventricular dysfunction in patients undergoing surgical repair of Tetralogy of Fallot.
7. Identification of potential predictors of worsening Heart Failure in patients with implantable cardioverter defibrillator.
8. Cardiac resynchronization therapy

Global Impact factor in “peer reviewed” journals: 1052,907

JOB-RELATED SKILLS

- Right and left heart catheterization
- Coronary angiography
- Coronary angioplasty and coronary stenting
- Endovascular closure of left atrial appendage
- Endovascular treatment of structural adult heart diseases (aortic stenosis, mitral regurgitation, perivalvular leak)
- Endovascular treatment of peripheral artery disease
- Endovascular assessment of congenital heart diseases
Endovascular treatment of congenital heart diseases: patent foramen ovale and atrial septal defect closure, percutaneous closure of patent ductus arteriosus, pulmonary valvuloplasty, percutaneous stenting of pulmonary arteries, percutaneous implantation of pulmonary valve, angioplasty and stenting of aortic coarctation, Rashkind procedure, percutaneous closure of pulmonary sequestration, percutaneous closure of arterovenous malformation.
- Pacemakers and automatic implantable cardiac defibrillators implantation.
- Endovascular diagnosis and radiofrequency ablation of cardiac arrhythmias.

EXPERIENCE ABROAD

- July 1998-August 2000 Duke University Medical Center (Mentor Prof. Howard A. Rockman)
- September 1997-June 1998 University of North Carolina at Chapel Hill (Mentor Prof. Howard A. Rockman)
- October 1991-January 1992 Université Catholique de Louvain, Bruxelles (B).

Mother tongue(s)	Italian				
	UNDERSTANDING		SPEAKING		WRITING
Other language(s)	Listening	Reading	Spoken Interaction	Spoken production	
English	C 2	C 2	C 2	C 2	C 2
Computer skills	Good command of Microsoft Office™ tools				
Driving licence	AB				

SCIENTIFIC AWARDS

- 2008 Scholarship of the Italian Society of Cardiology
- 2001-2002 Young investigator award of Federico II University of Naples
- 2000-2001 Young investigator award of Federico II University of Naples
- 2000 Keystone Symposia Funded Scholarship: best abstract at Molecular Biology of the Cardiovascular System Meeting
- 1998 Two years Affiliate Post Doctoral Fellowship Award American Heart Association University of North Carolina at Chapel Hill, USA and Duke University Medical Center, Prof. Howard A. Rockman Laboratory
- 1995 Young Investigator Award of the Italian Society of Invasive Cardiology
- 1994 Young Investigator Award of the Italian Society of Cardiology
- 1991 European Community Fellowship Erasmus Program (P.I.C. Number 91-I 1288/12) Université Catholique de Louvain, Bruxelles (B)

SCIENTIFIC MEMBERSHIPS

- European Society of Cardiology
- European Heart Rhythm Association
- Italian Society of Cardiology
- Italian Society of Invasive Cardiology
- Italian Association of Arrhythmology and Cardiac Stimulation (AIAC)

REVIEWER ACTIVITY

- International Journal of Cardiology
- International Journal of Cardiology-Heart and Vasculature
- Circulation Journal
- Journal of Cardiovascular Medicine
- Journal of Clinical Medicine
- American Journal of Cardiology
- Cardiology in the young
- Cardiovascular Research
- Expert Review of Medical Devices
- Scientific Reports
- Plos One
- Diagnostics
- International Journal of Molecular Sciences

Editorial Board member

- Scientific Reports
- Journal of Clinical Medicine

Autorizzo il trattamento dei dati ai sensi del D. Lgs. 196/2003

Autocertificazione ai sensi degli artt. 46, 47 e 76 del D.P.R. n. 445/2000

Io sottoscritto Antonio Rapacciuolo, nato a Napoli il 09/08/1969 e residente in Pozzuoli (NA) alla via vecchia delle vigne, 15, consapevole delle conseguenze penali derivanti da dichiarazioni false e mendaci, come disposto dall'art. 76 del D.P.R. n. 445/2000, attesto che tutto quanto riportato nel curriculum corrisponde a verità.

Napoli, 17/05/2024

SIGNATURE

