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SKILLS

- Advanced capability in the use of statistical software for biomedical research

LANGUAGES

- English | Advanced
- Italian | Native

RESEARCHER IN CARDIOLOGY

Antonio Iaconelli



EXPERIENCE

- 2021
Present
HONORARY RESEARCH FELLOW.
University of Glasgow. United Kingdom
School of Cardiovascular & Metabolic Health
- 2020
Present
CONSULTANT IN CARDIOLOGY
Policlinico Gemelli. Rome, Italy.
Heart Failure Unit

EDUCATION

- 2023
2024
MASTER IN BIG DATA VALUE GENERATION IN BIOMEDICAL RESEARCH AND CLINICAL PRACTICE
Catholic University of Rome, Italy.
- 2021
2022
ADVANCED COURSE FOR R STUDY SOFTWARE
University of Naples. Italy.
- 2019
2022
PHD IN CLINICAL AND BIOMEDICAL SCIENCES
Catholic University of Rome, Italy.
- 2013
2018
RESIDENCE PROGRAM IN CARDIOVASCULAR DISEASES
Catholic University of Rome, Italy.
- 2007
2013
DEGREE IN MEDICINE AND SURGERY
Catholic University of Rome, Italy.

PUBLICATIONS

2024 and ongoing projects:

Principal investigator of the no-profit multi-center study:

"Artificial intelligence empowered digital platform to support patients with heart failure", Azimuth study.

Principal investigator of the profit multi-center study:

"Prospective, open-label, multicenter, first in man study to evaluate the safety, use and performance of the v-lap system", Vectorious study.

Principal investigator of the profit multi-center study:

"Effects of semaglutide 2.4 mg administered once weekly on function and symptoms in subjects with obesity-related heart failure with preserved ejection fraction and type 2 diabetes", Step HFpEF DM study.

Principal investigator of the no-profit single-center study:

(accepted to be presented at the upcoming ESC HF conference):

"Transcatheter ablation versus medical therapy in patients with atrial fibrillation and heart failure: a meta-analysis of randomised controlled trials".

Principal investigator of the no-profit single-center study:

(accepted to be presented at the upcoming ESC HF conference):

"Higher red blood cell distribution width is associated with worse outcomes in patients with chronic heart failure".

Principal investigator of the no-profit single-center study:

(accepted to be presented at the upcoming ESC HF conference):

"Cancer and heart failure: mutual epidemiological and prognostic implications".

Year 2023:

Manzi G, Mariani MV, Filomena D, Poscia R, Severino P, Iaconelli A, Recchioni T, Madonna R, Vizza CD, Badagliacca R. Biobanks: The unmet need in heart failure management. *Vascul Pharmacol.* 2023 Jun;150:107179. doi: 10.1016/j.vph.2023.107179. Epub 2023 Apr 28. PMID: 37121386.

Graham FJ, Iaconelli A, Sonecki P, Campbell RT, Hunter D, Cleland JG, Pellicori P. Defining Heart Failure Based on Imaging the Heart and Beyond. *Card Fail Rev*. 2023 Jun 5;9:e10. doi: 10.15420/cfr.2022.29. PMID: 37427007; PMCID: PMC10326661.

Khan J, Graham FJ, Masini G, Iaconelli A, Friday JM, Lang CC, Pellicori P. Congestion and Use of Diuretics in Heart Failure and Cardiomyopathies: a Practical Guide. *Curr Cardiol Rep*. 2023 May;25(5):411-420. doi: 10.1007/s11886-023-01865-y. Epub 2023 Apr 19. Erratum in: *Curr Cardiol Rep*. 2023 May 4;: PMID: 37074565.

Iaconelli A, Rovere G, D'Amario D, Galli M, Sanna T. Aetiologic diagnosis of coronary artery aneurysm in a patient with pancreatitis, dacryoadenitis, and sialadenitis. *Eur Heart J*. 2023 Feb 7;44(6):535. doi: 10.1093/eurheartj/ehac536. PMID: 36181468; PMCID: PMC9902151.

D'Amario D, Rodolico D, Delvinioti A, Laborante R, Iacomini C, Masciocchi C, Restivo A, Ciliberti G, Galli M, Paglianiti AD, Iaconelli A, Zito A, Lenkovicz J, Patarnello S, Cesario A, Valentini V, Crea F. Eligibility for the 4 Pharmacological Pillars in Heart Failure With Reduced Ejection Fraction at Discharge. *J Am Heart Assoc*. 2023 Jul 4;12(13):e029071. doi: 10.1161/JAHA.122.029071. Epub 2023 Jun 29. PMID: 37382176; PMCID: PMC10356099.

Iaconelli A, Pellicori P, Dolce P, Busti M, Ruggio A, Aspromonte N, D'Amario D, Galli M, Princi G, Caiazza E, Rezig AOM, Maffia P, Pecorini G, Crea F, Cleland JGF. Coronary revascularization for heart failure with coronary artery disease: A systematic review and meta-analysis of randomized trials. *Eur J Heart Fail*. 2023 Jul;25(7):1094-1104. doi: 10.1002/ejhf.2911. Epub 2023 Jun 29. PMID: 37211964.

Khan J, Graham FJ, Masini G, Iaconelli A, Friday JM, Lang CC, Pellicori P. Correction to: Congestion and Use of Diuretics in Heart Failure and Cardiomyopathies: A Practical Guide. *Curr Cardiol Rep*. 2023 May;25(5):421. doi: 10.1007/s11886-023-01887-6. Erratum for: *Curr Cardiol Rep*. 2023 May;25(5):411-420. PMID: 37140881.

Iaconelli A, Leccisotti L, Rovere G, Ruggio A, Crea F. Histiocytes from the body to the heart: a complex case of cardiac and multi-organ involvement of Erdheim-Chester disease. *Eur Heart J*. 2023 Oct 1;44(37):3704. doi: 10.1093/eurheartj/ehad458. PMID: 37515379.

Iaconelli A, Cuthbert J, Kazmi S, Maffia P, Clark AL, Cleland JGF, Pellicori P. Inferior vena cava diameter is associated with prognosis in patients with chronic heart failure independent of tricuspid regurgitation velocity. *Clin Res Cardiol*. 2023 Aug;112(8):1077-1086. doi: 10.1007/s00392-023-02178-4. Epub 2023 Mar 10. PMID: 36894788; PMCID: PMC10359207.

Year 2022:

Iaconelli A, Pellicori P, Caiazzo E, Rezig AOM, Bruzzese D, Maffia P, Cleland JGF. Implanted haemodynamic telemonitoring devices to guide management of heart failure: a review and meta-analysis of randomised trials. *Clin Res Cardiol.* 2023 Aug;112(8):1007-1019. doi: 10.1007/s00392-022-02104-0. Epub 2022 Oct 14. PMID: 36241896; PMCID: PMC9568893.

Restivo A, D'Amario D, Paglianiti DA, Laborante R, Princi G, Cappannoli L, Iaconelli A, Galli M, Aspromonte N, Locorotondo G, Burzotta F, Trani C, Crea F. A 3-Year Single Center Experience With Left Atrial Pressure Remote Monitoring: The Long and Winding Road. *Front Cardiovasc Med.* 2022 Jun 13;9:899656. doi: 10.3389/fcvm.2022.899656. PMID: 35770220; PMCID: PMC9236153.

Galli M, Benenati S, Zito A, Capodanno D, Zoccai GB, Ortega-Paz L, Iaconelli A, D'Amario D, Porto I, Burzotta F, Trani C, De Caterina R, Gaudino M, Escaned J, Angiolillo DJ, Crea F. Revascularization strategies versus optimal medical therapy in chronic coronary syndrome: A network meta-analysis. *Int J Cardiol.* 2023 Jan 1;370:58-64. doi: 10.1016/j.ijcard.2022.10.023. Epub 2022 Oct 18. PMID: 36265647.

Year 2021 and before.

Ruggio A, Iaconelli A, Panaioli E, Bernardini F, Tinelli G, Savino G, Infusino F, Leccisotti L, Manna R, Crea F. Coronary Artery Aneurysms Presenting as Acute Coronary Syndrome: An Unusual Case of IgG4-Related Disease Vascular Involvement. *Can J Cardiol.* 2018 Aug;34(8):1088.e7-1088.e10. doi: 10.1016/j.cjca.2018.04.026. Epub 2018 May 2. PMID: 30056847.

Graziani F, Ruggio A, Iaconelli A, Verrecchia E, Morrone A, Antuzzi D, Crea F, Manna R. Anderson-Fabry's Disease: A Rare but Treatable Case of Fever of Unknown Origin. *Eur J Case Rep Intern Med.* 2017 Jul 3;4(7):000645. doi: 10.12890/2017_000645. PMID: 30755957; PMCID: PMC6346910.

Iaconelli A, Ruggio A, Merlino B, Lombardo A, Crea F. The role of echocardiography in the assessment of an iatrogenic coronary fistula. *J Cardiovasc Med (Hagerstown).* 2017 Oct;18(10):839-840. doi: 10.2459/JCM.0000000000000540. PMID: 28661932.

Severino A, Zara C, Campioni M, Flego D, Angelini G, Pedicino D, Giglio AF, Trotta F, Giubilato S, Pazzano V, Lucci C, Iaconelli A, Ruggio A, Biasucci LM, Crea F, Liuzzo G. Atorvastatin inhibits the immediate-early response gene EGR1 and improves the functional profile of CD4+T-lymphocytes in acute coronary syndromes. *Oncotarget.* 2017 Mar 14;8(11):17529-17550. doi: 10.18632/oncotarget.15420. PMID: 28407684; PMCID: PMC5392205.

Graziani F, Leone AM, Basile E, Cialdella P, Tritarelli A, Bona RD, Liuzzo G, Nanni G, Iaconelli A, Iaconelli A, Mingrone G, Biasucci LM, Crea F. Endothelial progenitor cells in morbid obesity. *Circ J.* 2014;78(4):977-85. doi: 10.1253/circj.cj-13-0976. Epub 2014 Feb 27. PMID: 24572586.

D'Amario D, Leone AM, Iaconelli A, Luciani N, Gaudino M, Kannappan R, Manchi M, Severino A, Shin SH, Graziani F, Biasillo G, Macchione A, Smaldone C, Cellini C, Siracusano A, Ottaviani L, Massetti M, Goichberg P, Leri A, Anversa P, Crea F. Response to letter regarding article, "growth properties of cardiac stem cells are a novel biomarker of patients' outcome after coronary bypass surgery". *Circulation*. 2014 Sep 23;130(13):e118-9. doi: 10.1161/CIRCULATIONAHA.114.010924. Erratum in: *Circulation*. 2015 Dec 1;132(22):e364. PMID: 25245852.

Graziani F, Leone AM, Cialdella P, Basile E, Pennestrì F, Della Bona R, Iaconelli A, Liuzzo G, Biasucci LM, Cardillo MT, Iaconelli A, Guidone C, Nanni G, Mingrone G, Crea F. Effects of bariatric surgery on cardiac remodeling: clinical and pathophysiologic implications. *Int J Cardiol*. 2013 Oct 9;168(4):4277-9. doi: 10.1016/j.ijcard.2013.04.202. Epub 2013 May 18. PMID: 23688430.