

## INFORMAZIONI PERSONALI

**GIULIA D'AMATI**

### POSIZIONE ATTUALE

Professore Ordinario, Anatomia Patologica  
Responsabile, Programma UOC equivalente  
“Organizzazione e diagnostica anatomo-patologica del PDTA  
di patologia mammaria e cardiotoracica”, Azienda  
Ospedaliera Universitaria Policlinico Umberto I

### ESPERIENZA LAVORATIVA

- **1992-1998**  
Università degli studi di L'Aquila, Coppito, l'Aquila  
*Dip Medicina Sperimentale*  
Ricercatore Universitario, Anatomia Patologica  
Docente, corso di Laurea in Medicina e Chirurgia
  
- **1998 -**  
Sapienza, Università di Roma, Piazza Aldo Moro 5  
*Azienda Policlinico Umberto I- Sapienza Università di Roma*  
Ricercatore (1998-2001) Professore Associato (2001-)
  - Dirigente Medico I Livello (1998-), Attività diagnostica in Patologia Cardiovascolare. Direttore ff, UOC Anatomia Patologica B, Cardiovascolare (2015-2017)
  - Docente, Coordinatrice di Semestre, Coordinatrice di Corso Integrato, Corso di Laurea Magistrale C, Facoltà di Medicina ed Odontoiatria.
  - Docente e Coordinatrice di Corso Integrato e di Semestre, Corso di Laurea Magistrale “F” (International Medical School), Facoltà di Medicina e Farmacia.
  - Docente, Scuole di Specializzazione in Anatomia Patologica, Cardiologia, Cardiochirurgia, Reumatologia, Chirurgia, Chirurgia Toracica, Medicina Nucleare.

- Membro del Collegio dei Docenti, Dottorato in Medicina Molecolare.
- Membro, Giunta della Facoltà di Medicina e Odontoiatria (2013-2017).
- Membro, Commissione Tecnica di Programmazione Didattico-Pedagogica, CLM "C" e CLM "F" (International Medical School).
- Responsabile, Mobilità Accademica, CLM "F" (International Medical School).

## ISTRUZIONE E FORMAZIONE

### 1980-1986

Laurea in Medicina e Chirurgia (110/110 *cum laude*)  
Sapienza, Università di Roma

### 1986-1990

Diploma di Specializzazione in Anatomia Patologica (70/70 *cum laude*)  
Sapienza, Università di Roma

### 1990-1993

Dottorato di Ricerca in Patologia Umana  
Sapienza, Università di Roma

### 1989-1990

Clinical Fellowship, Cardiovascular Pathology, Dept. of Pathology,  
University of Toronto, Canada.

### 1991-1992

Cardiovascular Research Fellowship, Dept. of Pathology UCLA, USA

## Principali interessi di ricerca

- Markers prognostici e predittivi in patologia oncologica
- Analisi della correlazione genotipo-fenotipo, con particolare riguardo all'impatto del numero di copie del DNA mitocondriale sull'espressione fenotipica delle malattie secondarie a mutazioni omoplasmiche. Analisi dei meccanismi di danno miocardico secondari all'attivazione della biogenesi mitocondriale ed allo stress ossidativo nelle cardiomiopatie mitocondriali. Studio degli aspetti morfologici, clinici, biochimici e genetico-molecolari delle malattie mitocondriali (in particolar modo cardiomiopatie mitocondriali da mutazioni omoplasmiche del DNA mitocondriale, malattie da deplezione del DNA mitocondriale e da difetti del complesso I della catena respiratoria mitocondriale). Terapia delle malattie da mutazioni del DNA mitocondriale
- Analisi dei substrati morfologici e genetico-molecolari delle cardiomiopatie e della morte improvvisa cardiaca giovanile.
- Studio dei fattori etiopatogenetici del rimodellamento patologico del microcircolo cardiaco

## CAPACITÀ E COMPETENZE PERSONALI

- Membro, Editorial Board: Pathologica, Cardiovascular Pathology, International Journal of Cardiology
- Revisore scientifico: Human Pathology, European Heart Journal, PloS ONE, EMBO Molecular Medicine, Histopathology, Journal of the American College of Cardiology
- *Councilor*, Society for Cardiovascular Pathology (2002-2008, 2013-2016, 2017-2019)
- *Secretary*, Society for Cardiovascular Pathology (2019- )
- *Councilor*, International Academy of Pathology, European Association for Cardiovascular Pathology (2017- )
- Coordinatore, *Gruppo di Patologia Cardiovascolare*, Società Italiana di Anatomia Patologica e Citologia (2013-2016)
- Referente, Working Group, European Society of Pathology (2017- )
- Autrice di circa 200 tra articoli scientifici e di *review* su riviste indexate e di 15 capitoli su testi nazionali ed internazionali
- Membro, Commissione Regione Lazio per lo studio delle Morti Materne
- Referente Regionale Senonetwork, Regione Lazio
- Consulente, Procure di Roma, Palermo, Pescara e Corte d'Appello di Bari
- Revisore Esterno: European Research Council
- Membro, Accademia degli Olimpici di Vicenza (2019- )
- In possesso dei requisiti richiesti per far parte delle commissioni dell'Abilitazione Scientifica Nazionale (ASN) SSD MED/08 settore concorsuale 06 A4
- Membro, gruppo di lavoro regionale per la definizione delle Linee guida organizzative per la Rete oncologica regionale.

## FONDI DI RICERCA

### Principal Investigator:

*Grant* Telethon, GGP 17093 (2013-2015) Isolated domains of aminoacyl tRNA synthetases as a novel therapeutic tool for mt tRNA mutation associated disease **Euro 218.500**

*Grant* AFM Telethon (2013) 16963 Isolated domains of aminoacyl tRNA synthetases as a possible therapy for mt tRNA mutation associated disease **Euro 30000**

*Grant* Istituto Pasteur Fondazione Cenci Bolognetti (2012-2015) Disease due to mitochondrial tRNA mutations: cellular models to evaluate novel therapeutic strategies. **Euro 60.000. Role: P.I.**

**Grant AFM Telethon, 20607** (2017- ) Stabilization of tRNAs as a therapeutic strategy for diseases due to mutations in mt-tRNAs. **Euro 319.000. Role: P.I.**

*Grant* Istituto Pasteur Fondazione Cenci Bolognetti (Anna Tramontano Research Grant) (2019- ) Mitochondrial tRNA related diseases: implementation of cellular models to evaluate the tissue-specific effects and rescuing mechanisms of therapeutic molecules. **Euro 40.000. Role: P.I.**

### Responsabile, Unità Operativa

PRIN (MIUR) **1999-2001**. Scompenso cardiaco e metabolismo dell'ormone tiroideo. **Euro 37.701**

PRIN (MIUR) **2001-2003**. Metabolismo dell'ormone tiroideo nella progressione dell'insufficienza cardiaca. **Euro 26.159**

PRIN (MIUR) **2003-2005**. Epidemiologia e substrati morfologico-molecolari della morte improvvisa giovanile: studio prospettico sistematico in un'area del Centro Italia. **Euro 50.000**

PRIN (MIUR) **2007-2009**. Studio del metabolismo ossidativo delle cellule staminali cardiache in vivo ed in vitro. **Euro 71.500**

Ricerca Finalizzata, Ministero della Salute (**2005-2007**) Cardiomiopatie infiammatorie: eziopatogenesi e trattamenti endocrino-farmacologici per il recupero della funzione contrattile. **Euro 32.000,00**

*Grant* Telethon, GGP 06233 (**2006-2009**) Degenerazione delle cellule ganglionari della retina nelle neuropatie ottiche mitocondriali: identificazione dei meccanismi patogenetici. **Euro 102.300**

*Grant* Fondazione Roma (**2009- 2011**): Evaluation of regenerative cell therapy and tissue engineering for ischemic heart disease: regional and global left ventricular quantitative analysis using non-invasive methods. **Euro 199.000**

Ministero della Salute, grant NET-2011-02347173 (2015-2018) Mechanisms and treatment of

coronary microvascular dysfunction in patients with genetic or secondary left ventricular hypertrophy.

**Euro 257.000**

Ricerca Finalizzata, Ministero della Salute (2018- ) Unexplained sudden cardiac death/cardiac arrest: set-up of referral centers for cardiac molecular pathology and cardiac magnetic resonance  
**(Euro 50.000)**

### **Titolare, finanziamenti di Ateneo/Ricerche Universitarie**

**2004-2005** Screening clinico, morfologico e molecolare delle cardiomiopatie e delle aritmie cardiache familiari. **Euro 30.000**

**2006-2008** Valutazione sistematica della quantità di DNA mitocondriale e della sua espressione nel corpo umano. **Euro 53.600**

**2009** Studio degli aspetti genetico-molecolari e biochimici di mitocondriopatie da mutazioni omoplasmiche del DNA mitocondriale. Valutazione degli effetti di molecole ad azione terapeutica su sistemi cellulari. **Euro 15.000**

**2010-2012** Mutations in mitochondrial tRNA genes: from yeast to human. **Euro 45.000**

### **PREMI E RICONOSCIMENTI:**

Scholar in Cardiology, Società Italiana di Cardiologia

Premio migliore progetto, Telethon Convention 2015

Abilitazione Scientifica Nazionale, SSD MED/08, settore concorsuale 06/A4, Anatomia Patologica, Aprile 2017

**In possesso dei requisiti richiesti per far parte delle commissioni dell'Abilitazione Scientifica Nazionale (ASN) SSD MED/08 settore concorsuale 06 A4**

**PUBBLICAZIONI** Da Scopus: Autrice di 195 lavori scientifici

Autrice di 16 capitoli su trattati nazionali ed internazionali

*h-index*= 43 (Scopus)

La sottoscritta, consapevole che - ai sensi dell'art. 76 del O.P.R. n. 445/2000 - le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali, dichiara che le informazioni rispondono a verità.

La sottoscritta autorizza il trattamento dei propri dati personali ai sensi dell'art. 13 del D.lgs. 30 giugno 2003 n. 196- "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16- "Regolamento europeo sulla protezione dei dati personali".

Luogo e data, Roma 24 Gennaio 2022

Firma leggibile



## Elenco Lavori

1. De Michele M, Piscopo P, Crestini A, Rivabene R, **d'Amati G**, Leopizzi M, Stefanini L, Pulcinelli F, Chistolini A, Iacobucci M, Schiavo OG, Berto I, Nicolini E, Petraglia L, Di Mascio MT, Toni D. Vaccine-induced immune thrombotic thrombocytopenia: a possible pathogenetic role of ChAdOx1 nCoV-19 vaccine encoded soluble SARS-CoV-2 spike protein. *Haematologica*. 2022 Feb 17. doi: 10.3324/haematol.2021.280180. Epub ahead of print. PMID: 35172564
2. Zizzari IG, Di Filippo A, Botticelli A, Strigari L, Pernazza A, Rullo E, Pignataro MG, Ugolini A, Scirocchi F, Di Pietro FR, Rossi E, Gelibter A, Schinzari G, **d'Amati G**, Rughetti A, Marchetti P, Nuti M, Napoletano C. Circulating CD137<sup>+</sup> T cells correlate with improved response to anti-PD1 immunotherapy in cancer patients. *Clin Cancer Res*. 2022 Jan 3:clincanres.2918.2021. doi: 10.1158/1078-0432.CCR-21-2918. Epub ahead of print. PMID: 34980602.
3. Lioncino M, Monda E, Caiazza M, Fusco A, Cirillo A, Dongiglio F, Simonelli V, Sampaolo S, Ruggiero L, Scarano G, Pota V, Frisso G, Mazzaccara C, **d'Amati G**, Nigro G, Russo MG, Wahbi K, Limongelli G. Cardiovascular Involvement in mtDNA Disease: Diagnosis, Management, and Therapeutic Options. *Heart Fail Clin*. 2022 Jan;18(1):51-60. doi: 10.1016/j.hfc.2021.07.003. Epub 2021 Oct 26. PMID: 34776083
4. Gioia S, Riggio O, Nardelli S, **d'Amati G**, Ridola L. Identifying Patients at High Risk of Developing Non-Cirrhotic Portal Hypertension. *Hepat Med*. 2021 Nov 3;13:105-111.
5. Mantovani S, Pernazza A, Bassi M, Amore D, Vannucci J, Poggi C, Diso D, **d'Amati G**, Della Rocca C, Rendina EA, Venuta F, Anile M. Prognostic impact of spread through air spaces in lung adenocarcinoma. *Interact Cardiovasc Thorac Surg*. 2021 Oct 18:ivab289.
6. Giordano C, Francone M, Cundari G, Pisano A, d'Amati G. Myocardial fibrosis: morphologic patterns and role of imaging in diagnosis and prognostication. *Cardiovasc Pathol*. 2021 Oct 1;56:107391.
7. Cerbelli B, Girolami I, Eccher A, Costarelli L, Taccogna S, Scialpi R, Benevolo M, Lucante T, Alò PL, Stella F, Pignataro MG, Fadda G, Perrone G, d'Amati G, Martini M. Evaluating PD-L1 in Head & Neck Squamous Cell Carcinoma: concordance between 22C3 PharmaDx and SP263 assays on whole sections from a multicenter study. *Histopathology*. 2021 Sep 8. doi: 10.1111/his.14562. Epub ahead of print. PMID: 34496080.
8. Botticelli A, Cirillo A, Strigari L, Valentini F, Cerbelli B, Scagnoli S, Cerbelli E, Zizzari IG, Rocca CD, D'Amati G, Polimeni A, Nuti M, Merlano MC, Mezi S, Marchetti P. Anti-PD-1 and Anti-PD-L1 in Head and Neck Cancer: A Network Meta-Analysis. *Front Immunol*. 2021 Aug 9;12:705096. doi: 10.3389/fimmu.2021.705096. PMID: 34434192; PMCID: PMC8380817.
9. Bracci S, Dolciami M, Trobiani C, Izzo A, Pernazza A, D'Amati G, Manganaro L, Ricci P. Quantitative CT texture analysis in predicting PD-L1 expression in locally advanced

or metastatic NSCLC patients. *Radiol Med.* 2021 Aug 9. doi: 10.1007/s11547-021-01399-9. Epub ahead of print. PMID: 34373989

10. Capriglia F, Rizzo F, Petrosillo G, Morea V, d'Amati G, Cantatore P, Roberti M, Loguercio Polosa P, Bruni F. Exploring the Ability of LARS2 Carboxy-Terminal Domain in Rescuing the MELAS Phenotype. *Life (Basel)*. 2021 Jul 10;11(7):674. doi: 10.3390/life11070674. PMID: 34357047; PMCID: PMC8303833
11. Lombardi M, Lazzeroni D, Benedetti G, Bertoli G, Lazarevic D, Riba M, De Cobelli F, Rimoldi O, d'Amati G, Olivotto I, Foglieni C, Camici P. Plasmatic and myocardial microRNA profiles in patients with Hypertrophic Cardiomyopathy. *Clin Transl Med.* 2021 Jul;11(7):e435. doi: 10.1002/ctm2.435. PMID: 34323407; PMCID: PMC8287979.
12. Botticelli A, Pomati G, Cirillo A, Mammone G, Ciurluini F, Cerbelli B, Sciattella P, Ralli M, Romeo U, De Felice F, Catalano C, Vullo F, Della Monaca M, Amirhassankhani S, Tomao S, Valentini V, De Vincentiis M, Tombolini V, Della Rocca C, Polimeni A, di Gioia C, Corsi A, D'Amati G, Mezi S, Marchetti P. Weekly chemotherapy as first line treatment in frail head and neck cancer patients in the immunotherapy era. *J Transl Med.* 2021 Jul 12;19(1):303. doi: 10.1186/s12967-021-02975-3. PMID: 34253248; PMCID: PMC8274020
13. Maestrini V, Birtolo LI, Francone M, Galardo G, Galea N, Severino P, Alessandri F, Colaiacomo MC, Cundari G, Chimenti C, Lavalle C, Ciardi M, Palange P, Deales A, d'Ettore G, Mastroianni CM, Catalano C, Ruberto F, Pugliese F, **d'Amati G**, Fedele F, Mancone M; Policlinico Umberto I COVID-19 Group. Cardiac involvement in consecutive unselected hospitalized COVID-19 population: In-hospital evaluation and one-year follow-up. *Int J Cardiol.* 2021 Jul 2: S0167-5273(21)01094-9. doi: 10.1016/j.ijcard.2021.06.056. Epub ahead of print.
14. Mezi S, Botticelli A, Pomati G, Cerbelli B, Scagnoli S, Amirhassankhani S, **d'Amati G**, Marchetti P. Standard of Care and Promising New Agents for the Treatment of Mesenchymal Triple-Negative Breast Cancer. *Cancers (Basel)*. 2021 Mar 3;13(5):1080. doi: 10.3390/cancers13051080..
15. Basso C, Michaud K, **d'Amati G**, Banner J, Lucena J, Cunningham K, Leone O, Vink A, van der Wal AC, Sheppard MN; Association for European Cardiovascular Pathology. Cardiac hypertrophy at autopsy. *Virchows Arch.* 2021 Mar 19. doi: 10.1007/s00428-021-03038-0. Epub ahead of print.
16. Belardinilli F, Pernazza A, Mahdavian Y, Cerbelli B, Bassi M, Gradilone A, Coppa A, Pignataro MG, Anile M, Venuta F, Della Rocca C, Giannini G, **d'Amati G**. A multidisciplinary approach for the differential diagnosis between multiple primary lung adenocarcinomas and intrapulmonary metastases. *Pathol Res Pract.* 2021;220:153387.
17. Calò L, Della Bona R, Martino A, Crescenzi C, Panattoni G, **d'Amati G**, Gaita F, Mango R, Sciarra L, Laredo M. Left Posterior Fascicular Block and Increased Risk of Sudden Cardiac Death in Young People. *J Am Coll Cardiol.* 2021 Mar;77(8):1143-1145.
18. Narducci ML, La Rosa G, Pinnacchio G, Inzani F, **d'Amati G**, Perna F, Bencardino G, D'Amario D, Pieroni M, Russo AD, Casella M, Pelargonio G, Crea F. Assessment of patients presenting with life-threatening ventricular arrhythmias and suspected myocarditis: the key role of endomyocardial biopsy. *Heart Rhythm.* 2021 28:S1547-5271.

19. Celia AI, Priori R, Cerbelli B, Diomedi-Camassei F, Leuzzi V, Scrivo R, Alessandri C, **d'Amati G**, Conti F. "Protenuria in SLE: Is it always lupus?". *Lupus*. 2021 7:961203320983458. doi: 10.1177/0961203320983458. Epub ahead of print.
20. Moffa G, Galati F, Collalunga E, Rizzo V, Kripa E, **d'Amati G**, Pediconi F. Can MRI Biomarkers Predict Triple-Negative Breast Cancer? *Diagnostics (Basel)*. 2020 Dec 10:1090.
21. Titi L, Magnanimiti E, Mancone M, Infusino F, Coppola G, Del Nonno F, Colombo D, Nardacci R, Falasca L, **d'Amati G**, Tarsitano MG, Merlino L, Fedele F, Pugliese F. Fatal Takotsubo Syndrome in critical COVID-19 related pneumonia. *Cardiovasc Pathol*. 2020 Nov 28;51:107314.
22. De Gregorio MG, Fumagalli C, Tomberli A, Baldini K, Puccini G, **d'Amati G**, Foglieni C, Camici PG, Sciagrà R, Olivotto I. Myocardial blood flow in patients with hypertrophic cardiomyopathy receiving perindopril (CARAPaCE): a pilot study. *J Cardiovasc Med (Hagerstown)*. 2020 Nov 12.
23. Napoletano C, Steentoff C, Battisti F, Ye Z, Rahimi H, Zizzari IG, Dionisi M, Cerbelli B, Tomao F, French D, **d'Amati G**, Panici PB, Vakhrushev S, Clausen H, Nuti M, Rughetti A. Investigating Patterns of Immune Interaction in Ovarian Cancer: Probing the O-glycoproteome by the Macrophage Galactose-Like C-type Lectin (MGL). *Cancers (Basel)*. 2020 Oct 1;12(10):E2841.
- 24.** Giuli MV, Diluvio G, Giuliani E, Franciosa G, Di Magno L, Pignataro MG, Tottone L, Nicoletti C, Besharat ZM, Peruzzi G, Pelullo M, Palermo R, Canettieri G, Talora C, **d'Amati G**, Bellavia D, Screpanti I, Checquolo S. Notch3 contributes to T-cell leukemia growth via regulation of the unfolded protein response. *Oncogenesis*. 2020 Oct 18;9(10):93.
25. Cerbelli B, Scagnoli S, Mezi S, De Luca A, Pisegna S, Amabile MI, Roberto M, Fortunato L, Costarelli L, Pernazza A, Strigari L, Della Rocca C, Marchetti P, **d'Amati G**, Botticelli A. Tissue Immune Profile: A Tool to Predict Response to Neoadjuvant Therapy in Triple Negative Breast Cancer. *Cancers (Basel)*. 2020 Sep 16;12(9):E2648.
26. Alvaro D, Hassan C, Cardinale V, Carpino G, Fabris L, Gringeri E, Granata V, Mutignani M, Morement H, Giuliani F, Guglielmi A, Ridola L, Marzioni M, Grazi G, Guido M, Di Giulio E, Tonini G, Pantano F, Venere R, Bragazzi MC, Biancanello F, Faccioli J, Giannetti A, Cintolo M, Di Giunta M, Gambato M, Lasagni A, Izzo F, Avallone A, Banales J, Rossi M, Catalano C, Laghi A, **d'Amati G**, Mancino MG; Cholangiocarcinoma Working Group. Italian Clinical Practice Guidelines on Cholangiocarcinoma - Part I: Classification, diagnosis and staging. *Dig Liver Dis*. 2020 Sep 4:S1590-8658(20)30333-9.
27. Gioia S, De Santis E, Cerbelli B, Nardelli S, Ridola L, De Santis A, **d'Amati G**, Riggio O. Small hepatic veins Budd-Chiari syndrome and paroxysmal nocturnal hemoglobinuria - The association of two rare entities: a case report. *Pathologica*. 2020 Jun;112(2):102-104.
30. Lombardi M, Lazzeroni D, Pisano A, Girolami F, Alfieri O, La Canna G, **d'Amati G**, Olivotto I, Rimoldi OE, Foglieni C, Camici P, et al. Mitochondrial Energetics and Ca<sup>2+</sup>-Activated ATPase in Obstructive Hypertrophic Cardiomyopathy. *J Clin Med*. 2020;9(6):E1799. Published 2020 Jun 9. doi:10.3390/jcm9061799

31. Leopizzi M, Cerbelli B, Merenda E, Pignataro MG, Bassi M, Venuta F, **d'Amati G**, Della Rocca C. Mesenchymal cystic hamartoma presenting with pneumothorax: case report and review of the literature [published online ahead of print, 2020 May 2]. *Gen Thorac Cardiovasc Surg.* 2020;10.1007/s11748-020-01370-x. doi:10.1007/s11748-020-01370-x
32. Pernazza A, Mancini M, Rullo E, Bassi M, De Giacomo T, Della Rocca C, **d'Amati G**. Early histologic findings of pulmonary SARS-CoV-2 infection detected in a surgical specimen [published online ahead of print, 2020 Apr 30]. *Virchows Arch.* 2020;1-6. doi:10.1007/s00428-020-02829-1
33. Botticelli A, Cirillo A, Scagnoli S, Cerbelli B, Strigari L, Cortellini A, Pizzuti L, Vici P, De Galitiis F, Di Pietro FR, Cerbelli E, Ghidini M, **d'Amati G**, Della Rocca C, Mezi S, Gelibter A, Giusti R, Cortesi E, Ascierio PA, Nuti M, Marchetti P. The Agnostic Role of Site of Metastasis in Predicting Outcomes in Cancer Patients Treated with Immunotherapy. *Vaccines (Basel).* 2020;8(2):E203. Published 2020 Apr 28. doi:10.3390/vaccines8020203
34. Perli E, Pisano A, Pignataro MG, Campese AF, Pelullo M, Genovese I, de Turris V, Ghelli AM, Cerbelli B, Giordano C, Colotti G, Morea V, **d'Amati G**. Exogenous peptides are able to penetrate human cell and mitochondrial membranes, stabilize mitochondrial tRNA structures, and rescue severe mitochondrial defects [published online ahead of print, 2020 Apr 18]. *FASEB J.* 2020;10.1096/fj.201903270R. doi:10.1096/fj.201903270R
35. Caforio ALP, Re F, Avella A, Marcolongo R, Baratta P, Seguso M, Gallo N, Plebani M, Izquierdo-Baio A, Cheng CY, Syrris P, Elliott PM, **d'Amati G**, Thiene G, Basso C, Gregori D, Iliceto S, Zachara . Evidence From Family Studies for Autoimmunity in Arrhythmogenic Right Ventricular Cardiomyopathy: Associations of Circulating Anti-Heart and Anti-Intercalated Disk Autoantibodies With Disease Severity and Family History. *Circulation.* 2020;141(15):1238-1248. doi:10.1161/CIRCULATIONAHA.119.043931
36. Carnevale R, Sciarretta S, Valenti V, Di Nonno F, Calvieri C, Nocella G, Frati G, Forte M, **d'Amati G**, Pignataro MG, Severino A, Cangemi R, Arrivi A, Dominici M, Mangeri E, Gaudio C, Tanzilli G, Violi F. Low-grade endotoxaemia enhances artery thrombus growth via Toll-like receptor 4: implication for myocardial infarction [published online ahead of print, 2020 Jan 3]. *Eur Heart J.* 2020;ehz893. doi:10.1093/eurheartj/ehz893
37. Cerbelli B, Botticelli A, Pisano A, Pernazza A, Campagna D, De Luca A, Ascierio PA, Pignataro MG, Pelullo M, Della Rocca C, Marchetti P, Fortunato L, Costarelli L and **d'Amati G**. CD73 expression and pathologic response to neoadjuvant chemotherapy in triple negative breast cancer [published online ahead of print, 2019 Dec 18]. *Virchows Arch.* 2019;
38. Gioia S, Nardelli S, Ridola L, **d'Amati G**, Riggio O. Is porto sinusoidal vascular disease to be actively searched in patients with portal vein thrombosis? *World J Hepatol.* 2019 Aug 27;11(8):613-618.
39. Michaud K, Basso C, **d'Amati G**, Giordano C, Kholová I, Preston SD, Rizzo S, Sabatasso S, Sheppard MN, Vink A, van der Wal AC; Association for European Cardiovascular Pathology (AECVP). Diagnosis of myocardial infarction at autopsy:



AECVP reappraisal in the light of the current clinical classification. *Virchows Arch.* 2019 Sep 14. doi: 10.1007/s00428-019-02662-1. [Epub ahead of print]

40. Pelullo M, Nardoza F, Zema S, Quaranta R, Nicoletti C, Besharat ZM, Felli MP, Cerbelli B, **d'Amati G**, Palermo R, Capalbo C, Talora C, Di Marcotullio L, Giannini G, Checquolo S, Screpanti I, Bellavia D. Kras/ADAM17-Dependent Jag1-ICD Reverse Signaling Sustains Colorectal Cancer Progression and Chemoresistance. *Cancer Res.* 2019 Nov 1;79(21):5575-5586.
41. Lai Q, de Giacomo T, Consolo A, Castrovillari M, Melandro F, Cerbelli B, Pernazza A, Berloco PB, **d'Amati G**, Francioni F. Esophageal carcinoma cuniculatum: systematic review of the literature and report of two cases. *Pathol Res Pract.* 2019 Oct;215(10):152602.
42. Narducci ML, Pelargonio G, La Rosa G, Inzani F, **d'Amati G**, Novelli V, Marano R, Perna F, Bencardino G, Pinnacchio G, Genuardi M, Cammarano M, Palmieri V, Zeppilli P, Crea F. Role of extensive diagnostic workup in young athletes and nonathletes with complex ventricular arrhythmias. *Heart Rhythm.* 2019 Aug 28. pii: S1547-5271(19)30809-4. doi: 10.1016/j.hrthm.2019.08.022. [Epub ahead of print]
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