

INFORMAZIONI PERSONALI

Nome Giulia d'Amati (Identificativo ORCID:0000-0002-6959-691X, Researcher ID: F-1251-2011)

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Nazionalità Italiana

POSIZIONE ATTUALE

Professore Ordinario, Anatomia Patologica
Responsabile, Programma UOC equivalente
"Organizzazione e diagnostica anatomico-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
- Coordinatore, *Gruppo* di Patologia Cardiovascolare, Società Italiana di Anatomia Patologica e Citologia (2013-2016)
- Referente, Working Group, European Society of Pathology
- Autrice di oltre 150 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

- Coordinatore 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-)

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 06/A4, Anatomia Patologica, Aprile 2017

PUBBLICAZIONI Da Scopus: Autrice di 178 lavori scientifici

Autrice di 15 capitoli su trattati nazionali ed internazionali

h-index= 42 (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 16 Luglio 2021

Firma leggibile

Elenco Lavori

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.

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.
Format:

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

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

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.

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

Maestrini V, Birtolo LI, Francone M, Galardo G, Galea N, Severino P, Alessandri F, Colaiacomo MC, Cundari G, Chimenti C, Lavallo 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.

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..

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.

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.

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.

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.

Celia AI, Priori R, Cerbelli B, Diomedi-Camassei F, Leuzzi V, Scrivo R, Alessandri C, **d'Amati G**, Conti F. "Proteinuria in SLE: Is it always lupus?". *Lupus*. 2021 7:961203320983458. doi: 10.1177/0961203320983458. Epub ahead of print.

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.

Titi L, Magnanimiti E, Mancone M, Infusino F, Coppola G, Del Nonno F, Colombo D, Nardacci R, Falasca L, **d'Amati G**, Tarsitano MG, Merlini L, Fedele F, Pugliese F. Fatal Takotsubo Syndrome in critical COVID-19 related pneumonia. *Cardiovasc Pathol*. 2020 Nov 28;51:107314.

De Gregorio MG, Fumagalli C, Tomberli A, Baldini K, Puccini G, **d'Amati G**, Foglieni C, Camici PG, Sciagrà R, Olivetto I. Myocardial blood flow in patients with hypertrophic cardiomyopathy receiving perindopril (CARAPaCE): a pilot study. *J Cardiovasc Med (Hagerstown)*. 2020 Nov 12.

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.

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.

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.

Alvaro D, Hassan C, Cardinale V, Carpino G, Fabris L, Gringeri E, Granata V, Mutignani M, Morement H, Giuliente 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.

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.

Lombardi M, Lazzeroni D, Pisano A, Girolami F, Alfieri O, La Canna G, **d'Amati G**, Olivotto I, Rimoldi OE, Foglieni C, Camici P, Get al. Mitochondrial Energetics and Ca²⁺-Activated ATPase in Obstructive Hypertrophic Cardiomyopathy. *J Clin Med.* 2020;9(6):E1799. Published 2020 Jun 9. doi:10.3390/jcm9061799

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

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

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

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

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

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

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;

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.

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]

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.

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.

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]

Perli E, Pisano A, Glasgow R, Carbo M, Hardy S, Falkous G, He L, Cerbelli B, Pignataro MG, Zachara E, Re F, Lilla Della Monica P, Morea V, Bonnen PE, Taylor R, **d'Amati G** and Giordano C. Novel compound mutations in the mitochondrial translation elongation factor (TSFM) gene cause severe cardiomyopathy with myocardial fibro-adipose replacement. *Scientific Reports* 2019

Bilancini S. **d'Amati G**, Cerbelli B, Lucchi M. An unusual ulcer. *The International Journal of Lower Extremity Wounds*, 2018 <https://doi.org/10.1177/1534734618813743>

Oliva A, Gabrielli S, Pernazza A, Paggini A, Daralioi T, Mantovani S, Mattiucci S, **d'Amati G**, Mastroianni C. *Dirofilaria repens* infection mimicking lung melanoma metastasis. *Open Forum Infectious disease* February 2019 <https://doi.org/10.1093/ofid/ofz049>

Giordano C, Cerbelli B, **d'Amati G**. Pathology of endomyocardial biopsy. *Diagnostic Histopathology* 2018, 24:433-444

Cerbelli B, Botticelli A, Pisano A, Campagna D, De Vincentiis L, Pernazza A, Frusone F, Scavina P, Monti M, Fortunato L, Costarelli L, **d'Amati G**. Breast cancer subtypes affect the nodal response after neoadjuvant chemotherapy in locally advanced breast cancer: Are we ready to endorse axillary conservation? *Breast J.* 2019 Feb 7. doi: 10.1111/tbj.13206.

Diluvio G, Del Gaudio F, Giuli MV, Franciosa G, Giuliani E, Palermo R, Besharat ZM, Pignataro MG, Vacca A, **d'Amati G**, Maroder M, Talora C, Capalbo C, Bellavia D,

Checquolo S. NOTCH3 inactivation increases triple negative breast cancer sensitivity to gefitinib by promoting EGFR tyrosine dephosphorylation and its intracellular arrest. *Oncogenesis*. 2018 May 25;7(5):42. doi: 10.1038/s41389-018-0051-9. **IF: 5.84**

d'Amati G, Cerbelli B, Giordano C. Coronary atherosclerosis and sudden cardiac death in the young: another face of the culprit, another way of striking? *Int J Cardiol*. 2018 Aug 1;264:28-29. doi: 10.1016/j.ijcard.2018.03.122. **IF: 4.034**

Cerbelli B, Pisano A, Colafrancesco S, Pignataro MG, Biffoni M, Berni S, De Luca A, Riccieri V, Priori R, Valesini G, **d'Amati G**, Giordano C. Anti-aminoacyl-tRNA synthetase-related myositis and dermatomyositis: clues for differential diagnosis on muscle biopsy. *Virchows Arch*. 2018 Mar;472(3):477-487. doi: 10.1007/s00428-017-2269-x. **IF:2.936**

Priori R, Lucchino B, Cerbelli B, Alessandri C, Bottaro V, Zodda A, **d'Amati G**, Valesini G, Fusconi M. An unusual manifestation of IgG4-related disease. *Rheumatology (Oxford)*. 2018 Mar 19. doi: 10.1093/rheumatology/key050. **IF:5.245**

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