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| Europass  Curriculum Vitae | | | DSCN7102 | | | | | | | | | | | | |
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| Personal information | | |  | | | | | | | | | | | | |
| First name(s) / Surname(s) | | | Giuseppe Esposito | | | | | | | | | | | | |
| Address(es) | | | 216, Corso Italia, 74121, Taranto, Italy | | | | | | | | | | | | |
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| Nationality | | | Italian | | | | | | | | | | | | |
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| Date of birth | | | 31-May-1989 | | | | | | | | | | | | |
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| Gender | | | Male | | | | | | | | | | | | |
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| Occupational field | | | Interventional Cardiologist, MD  **ASST Grande Ospedale Niguarda Cardio Center, Milan, Italy**    Division of Interventional cardiology direct by doctor Jacopo Andrea Oreglia,  Division of cardiac intensive care unit (CCU) directed by doctor Fabrizio Oliva | | | | | | | | | | | | |
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| Work experience | | |  | | | | | | | | | | | | |
| Name of organisation  Dates  Occupation or position held        Name of organisation    Dates    Occupation or position held | | | **Papa Giovanni XXIII° Hospital, Bergamo, Italy**  **15/03/2020 – 15/10/2020**    Doctor on call in sub-intensive pneumological therapy and in Emergency and Admission Medicine. Management of critically ill patients with acute respiratory failure. Use and management of non-invasive ventilation NIV and CPAP.    **Fondazione Don Carlo Gnocchi – IRCCS S. Maria Nascente**    **23/12/2019 – 10/10/2020**    Interdivisional doctor on call in cardiology, pneumology, orthopedics and neurology departments | | | | | | | | | | | | |
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| **Education and training**      Dates  Title of qualification  Name and type of organisation providing education and training    Dates  Title of qualification  Name and type of organisation providing education and training    Dates  Title of qualification  Name and type of organisation providing education and training | | | **November 2018 – January 2021**  **Cardiology Fellow**  **ASST Grande Ospedale Niguarda Cardio Center, Milan, Italy**  **November 2019 – ongoing**    **PhD – International Programm in Cardiovascular Pathophysiology and Therapeutics (Cardiopath)**  Federico II° University, Naples, Italy.  **February 2021 – February 2022**    **Clinical-Research Fellow,PhD**    Hartcentrum - OLVZ Cardiovascular Center, Aalst - Belgium | | | | | | | | | | | | |
| Dates  Title of qualification awarded  Principal subjects/occupational skills  covered      Final vote | | | **17/10/2019**    **Specialist in Cardiology**  Discussing the experimental thesis entitled “Short and medium-term outcomes of antithrombotic  therapy in patients undergoing tavi: which drug for which patient”; Tutor Doctors Oliva Fabrizio, Oreglia  Jacopo Andrea and D’Agostino Carlo.    **70/70 cum laude** | | | | | | | | | | | | |
| Name and type of organisation providing education and training | | | **ASST Grande Ospedale Niguarda Cardio Center, Milan, Italy**  Division of Interventional cardiology direct by doctor Jacopo Oreglia,  Division of cardiac intensive care unit (CCU) directed by doctor Fabrizio Oliva | | | | | | | | | | | | |
| Dates | | | **September 2018 – 01/01/2021** | | | | | | | | | | | | |
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| Principal subjects/occupational skills covered | | | **Resident cardiology**  Cardiogenic shock, left ventricle assist devices, invasive and non invasive ventilation, management of heart transplant, acute decompensated heart failure, invasive and non invasive hemodynamic monitoring, central venous access, sedation, management of post surgical patients, management of post ACC patients management of septic shock. | | | | | | | | | | | | |
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| Name and type of organization  providing education and training    Dates  Principal subjects/occupational skills  covered    Name and type of organization  providing education and training | | | **University Hospital Policlinico Consorziale, Bari, Italy**  CCU in division of “Hospital Cardiology” directed by doctor Carlo D’Agostino  ICU in Department of Anesthesia and Intensive care unit “A.Brienza” directed by Prof Francesco Bruno  **October 2017 – September 2018**  **Cardiology Resident**      **University Hospital Policlinico Consorziale, Bari, Italy.**  CCU in department of Cardiology Unit – Cardiothoracic Department | | | | | | | | | | | | |
| Dates  Principal subjects/occupational skills  covered      Name and type of organization  providing education and training | | | **November 2015 - September 2018**  **Cardiology Resident**  **Sapienza University of Rome, Rome, Italy**. | | | | | | | | | | | | |
| Dates  Title of qualification awarded  Principal subjects/occupational skills  covered    Final vote | | | **September 2008 – October 2014**    **Degree in Medicine and Surgery.**  Discussing the experimental thesis entitled “Morphofunctional study of the left atrium using a 3D  speckle tracking echocardiography”; Tutor professors Concetta Torromeo and PE Puddu.    **110/110 cum laude** | | | | | | | | | | | | |
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| Personal skills and competences | | |  | | | | | | | | | | | | |
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| Mother tongue(s) | | | Italian | | | | | | | | | | | | |
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| Other language(s) | | | English | | | | | | | | | | | | |
| Self-assessment | | |  | Understanding | | | | | Speaking | | | | | Writing | | |
| European level (\*) | | |  | Listening | | Reading | | | Spoken interaction | | | Spoken production | |  | | |
| English | | |  |  | C1 |  | C1 | |  | C1 | |  | C1 |  | C1 | |
|  | | | (\*) [Common European Framework of Reference for Languages](http://europass.cedefop.europa.eu/LanguageSelfAssessmentGrid/en) | | | | | | | | | | | | |
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| Social skills and competences | | | Volunteer of Italian Red Cross (CRI) local section of Rome. | | | | | | | | | | | | |
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| Technical skills and competences | | | Coronary angiography, iFR and FFR measure, intracoronary imaging, right heart catheterization,  setting of invasive and non invasive ventilation, central venous and arterial accesses, setting invasive  and non invasive hemodynamic monitoring. Management of critical cardiovascular ill patients | | | | | | | | | | | | |
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| Computer skills and competences | | | European computer driving license (ECDL) | | | | | | | | | | | | |
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| Other skills and competences | | | 2015 Certified, Basic Life Support and Defibrillation (***BLSD***) (AHA) (Recertified 2017)  2015 Certified, Advanced Cardiac Life Support (***ACLS***) (AHA) (Recertified 2019)  2019 Certified, Advanced Cardiac Life Support for Experienced Providers (***ACLS EP***) (AHA)  2019 Attendance at Mechanical Ventilation course, “Le modalità di ventilazione  meccanica”,  Fondazione Poliambulanza, Prof. G. Natalini  2019 Attendance at Mechanical Ventilation course, “Corso di Ventilazione Meccanica.  “Dalla teoria alla pratica clinica” Fondazione Poliambulanza, Prof. G. Natalini | | | | | | | | | | | | |
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| Driving licence | | | Italian driving license of type B and type A1 | | | | | | | | | | | | |
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| Additional information    Memberships | | | 2018 Italian Society of Cardiology (SIC)  2017 Acute Cardiovascular Care Association (ACCA)  2017-2018 European Association of Cardiovascular Imaging (EACVI)  2019 Associazione nazionale medici cardiologi ospedalieri (ANMCO)    2019 Fellow in training Italian Society of Cardiology (SIC) | | | | | | | | | | | | |
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| Scientific Publication | | | ***Publications***   1. Paolisso, P., Bergamaschi, L., Gragnano, F., Gallinoro, E., Cesaro, A., Sardu, C., Mileva, N., Foà, A., Armillotta, M., Sansonetti, A., Amicone, S., Impellizzeri, A., Esposito, G., Nuccia, M., Andrea, O.J., Casella, G., Mauro, C., Vassilev, D., Galie, N., Santulli, G., Marfella, R., Calabrò, P., Pizzi, C., Barbato, E. Outcomes in diabetic patients treated with SGLT2-Inhibitors with acute myocardial infarction undergoing PCI: The SGLT2-I AMI PROTECT Registry (2023) Pharmacological Research, 187, art. no. 106597. DOI: 10.1016/j.phrs.2022.106597 2. Bermpeis, K., Esposito, G., Gallinoro, E., Paolisso, P., Bertolone, D.T., Fabbricatore, D., Mileva, N., Munhoz, D., Buckley, J., Wyffels, E., Sonck, J., Collet, C., Barbato, E., De Bruyne, B., Bartunek, J., Vanderheyden, M.Safety of Right and Left Ventricular Endomyocardial Biopsy in Heart Transplantation and Cardiomyopathy Patients(2022) JACC: Heart Failure, 10 (12), pp. 963-973. DOI: 10.1016/j.jchf.2022.08.005 3. Gallinoro, E., Paolisso, P., Gioia, G.D., Bermpeis, K., Fernandez-Peregrina, E., Candreva, A., Esposito, G., Fabbricatore, D., Bertolone, D.T., Bartunek, J., Vanderheyden, M., Wyffels, E., Sonck, J., Collet, C., De Bruyne, B., Barbato, E. Deferral of Coronary Revascularization in Patients With Reduced Ejection Fraction Based on Physiological Assessment: Impact on Long-Term Survival(2022) Journal of the American Heart Association, 11 (19), art. no. e026656, DOI: 10.1161/JAHA.122.026656 4. Cesaro, A., Gragnano, F., Paolisso, P., Bergamaschi, L., Gallinoro, E., Sardu, C., Mileva, N., Foà, A., Armillotta, M., Sansonetti, A., Amicone, S., Impellizzeri, A., Esposito, G., Morici, N., Oreglia, J.A., Casella, G., Mauro, C., Vassilev, D., Galie, N., Santulli, G., Pizzi, C., Barbato, E., Calabrò, P., Marfella, R. In-hospital arrhythmic burden reduction in diabetic patients with acute myocardial infarction treated with SGLT2-inhibitors: Insights from the SGLT2-I AMI PROTECT study (2022) Frontiers in Cardiovascular Medicine, 9, art. no. 1012220. DOI: 10.3389/fcvm.2022.1012220 5. Bertolone, D.T., Bermpeis, K., Gallinoro, E., Esposito, G., Paolisso, P., De Colle, C., Sonck, J., Collet, C., De Bruyne, B., Barbato, E., Van Praet, F., Wyffels, E. First report of totally robotically assisted hybrid coronary artery revascularization combining RE-MIDCAB and R-PCI: Case report   (2022) Journal of Cardiac Surgery, 37 (9), pp. 2907-2911. DOI: 10.1111/jocs.16674   1. Paolisso, P., Gallinoro, E., Andreini, D., Mileva, N., Esposito, G., Bermpeis, K., Bertolone, D.T., Munhoz, D., Belmonte, M., Fabbricatore, D., Sonck, J., Collet, C., Penicka, M., De Bruyne, B., Vanderheyden, M., Barbato, E.Prospective evaluation of the learning curve and diagnostic accuracy for Pre-TAVI cardiac computed tomography analysis by cardiologists in training: The LEARN-CT study (2022) Journal of Cardiovascular Computed Tomography, 16 (5), pp. 404-411. DOI: 10.1016/j.jcct.2022.03.002 2. Paolisso, P., Gallinoro, E., Vanderheyden, M., Esposito, G., Bertolone, D.T., Belmonte, M., Mileva, N., Bermpeis, K., De Colle, C., Fabbricatore, D., Candreva, A., Munhoz, D., Degrieck, I., Casselman, F., Penicka, M., Collet, C., Sonck, J., Mangiacapra, F., De Bruyne, B., Barbato, E.Absolute coronary flow and microvascular resistance reserve in patients with severe aortic stenosis (2022) Heart, 109 (1), pp. 47-54. DOI: 10.1136/heartjnl-2022-321348 3. Gallinoro, E., Candreva, A., Fernandez-Peregrina, E., Bailleul, E., Meeus, P., Sonck, J., Bermpeis, K., Bertolone, D.T., Esposito, G., Paolisso, P., Heggermont, W., Adjedj, J., Barbato, E., Collet, C., De Bruyne, B.Saline-induced coronary hyperemia with continuous intracoronary thermodilution is mediated by intravascular hemolysis (2022) Atherosclerosis, 352, pp. 46-52. DOI: 10.1016/j.atherosclerosis.2022.05.011 4. Gallinoro, E., Paolisso, P., Bermpeis, K., Tino Bertolone, D., Esposito, G., De Bruyne, B.When “Slow Flow” Is Not “Low Flow” (2022) JACC: Cardiovascular Interventions, 15 (10), pp. e119-e121. DOI: 10.1016/j.jcin.2022.02.015 5. Bertolone, D.T., Gallinoro, E., Esposito, G., Paolisso, P., Bermpeis, K., De Colle, C., Fabbricatore, D., Mileva, N., Valeriano, C., Munhoz, D., Belmonte, M., Vanderheyden, M., Bartunek, J., Sonck, J., Wyffels, E., Collet, C., Mancusi, C., Morisco, C., De Luca, N., De Bruyne, B., Barbato, E. Contemporary Management of Stable Coronary Artery Disease(2022) High Blood Pressure and Cardiovascular Prevention, 29 (3), pp. 207-219. DOI: 10.1007/s40292-021-00497-z 6. Paolisso, P., Gallinoro, E., Mileva, N., Moya, A., Fabbricatore, D., Esposito, G., De Colle, C., Beles, M., Spapen, J., Heggermont, W., Collet, C., Van Camp, G., Vanderheyden, M., Barbato, E., Bartunek, J., Penicka, M. Performance of non-invasive myocardial work to predict the first hospitalization for de novo heart failure with preserved ejection fraction (2022) ESC Heart Failure, 9 (1), pp. 373-384. DOI: 10.1002/ehf2.13740 7. Soriano, F., Montalto, C., Calderone, D., Nava, S., Esposito, G., Saia, F., Oreglia, J.A., Søndergaard, L.Transcatheter treatment of severe aortic stenosis in patients with complex coronary artery disease: case series and proposed therapeutic algorithm (2022) European Heart Journal - Case Reports, 6 (10), art. no. ytac399, DOI: 10.1093/ehjcr/ytac399 8. Crimi, G., De Marzo, V., De Marco, F., Conrotto, F., Oreglia, J., D’ascenzo, F., Testa, L., Gorla, R., Esposito, G., Sorrentino, S., Spaccarotella, C., Soriano, F., Bruno, F., Vercellino, M., Balbi, M., Morici, N., Indolfi, C., De Ferrari, G.M., Bedogni, F., Porto, I. Acute Kidney Injury After Transcatheter Aortic Valve Replacement Mediates the Effect of Chronic Kidney Disease (2022) Journal of the American Heart Association, 11 (19), art. no. e024589, DOI: 10.1161/JAHA.121.024589 9. Gallinoro, E., Paolisso, P., Candreva, A., Bermpeis, K., Fabbricatore, D., Esposito, G., Bertolone, D., Peregrina, E.F., Munhoz, D., Mileva, N., Penicka, M., Bartunek, J., Vanderheyden, M., Wyffels, E., Sonck, J., Collet, C., Debruyne, B., Barbato, E. Microvascular Dysfunction in Patients With Type II Diabetes Mellitus: Invasive Assessment of Absolute Coronary Blood Flow and Microvascular Resistance Reserve (2021) Frontiers in Cardiovascular Medicine, 8, art. no. 765071, DOI: 10.3389/fcvm.2021.765071 10. Esposito, G., Barbato, E., Bartunek, J. Burden of In-Stent Restenosis: Shall We Overcome? (2021) Circulation Cardiovascular Interventions, pp. 914-917. DOI: 10.1161/CIRCINTERVENTIONS.121.011292 11. Morici, N., Cantoni, S., Soriano, F., Sacco, A., Viola, G., Esposito, G., Oreglia, J.A., Cattaneo, M., Savonitto, S. Recurrent stent thrombosis in a patient with acute coronary syndrome and ischemic colitis: between life-threatening thrombosis and life-threatening bleeding (2020) Platelets, 31 (6), pp. 820-824. DOI: 10.1080/09537104.2019.1678122 12. Morici, N., Cantoni, S., Soriano, F., Viola, G., De Stefano, V., Veas, N., Oreglia, J.A., Esposito, G., Sacco, A., Savonitto, S. Relevance of complete blood count parameters in the assessment of acute coronary syndromes: a combined hematological and cardiological perspective [Alterazioni dell’emocromo nella sindrome coronarica acuta: ematologi e cardiologi a confronto] (2019) Giornale italiano di cardiologia (2006), 20 (12), pp. 694-705. DOI: 10.1714/3271.32379 13. Esposito, G., Piras, P., Evangelista, A., Nuzzi, V., Nardinocchi, P., Pannarale, G., Torromeo, C., Puddu, P.E. Improving performance of 3D speckle tracking in arterial hypertension and paroxysmal atrial fibrillation by using novel strain parameters (2019) Scientific Reports, 9 (1), art. no. 7382, .DOI: 10.1038/s41598-019-43855-7 14. Piras, P., Torromeo, C., Evangelista, A., Esposito, G., Nardinocchi, P., Teresi, L., Madeo, A., Re, F., Chialastri, C., Schiariti, M., Varano, V., Puddu, P.E. Non-invasive prediction of genotype positive–phenotype negative in hypertrophic cardiomyopathy by 3D modern shape analysis (2019) Experimental Physiology, 104 (11), pp. 1688-1700. DOI: 10.1113/EP087551 15. Piras, P., Torromeo, C., Evangelista, A., Gabriele, S., Esposito, G., Nardinocchi, P., Teresi, L., Madeo, A., Schiariti, M., Varano, V., Puddu, P.E. Homeostatic Left Heart integration and disintegration links atrio-ventricular covariation's dyshomeostasis in Hypertrophic Cardiomyopathy (2017) Scientific Reports, 7 (1), art. no. 6257, DOI: 10.1038/s41598-017-06189-w 16. Piras, P., Torromeo, C., Re, F., Evangelista, A., Gabriele, S., Esposito, G., Nardinocchi, P., Teresi, L., Madeo, A., Chialastri, C., Schiariti, M., Varano, V., Uguccioni, M., Puddu, P.E. Left Atrial trajectory impairment in Hypertrophic Cardiomyopathy disclosed by Geometric Morphometrics and Parallel Transport (2016) Scientific Reports, 6, art. no. 34906, DOI: 10.1038/srep34906 17. Paolisso P, Bergamaschi L, Gragnano F, Gallinoro E, Cesaro A, Sardu C, Mileva N, Foà A, Armillotta M, Sansonetti A, Amicone S, Impellizzeri A, Esposito G, Morici N, Andrea OJ, Casella G, Mauro C, Vassilev D, Galie N, Santulli G, Marfella R, Calabrò P, Barbato E, Pizzi C. Reply to SGLT-2 inhibitors: Post-infarction interventional effects. Pharmacol Res. 2023 Mar;189:106664. doi: 10.1016/j.phrs.2023.106664. 18. Piras P, Colorado-Cervantes I, Nardinocchi P, Gabriele S, Varano V, Esposito G, Teresi L, Torromeo C, Puddu PE. Geometry Does Impact on the Plane Strain Directions of the Human Left Ventricle, Irrespective of Disease. J Cardiovasc Dev Dis. 2022 Nov 15;9(11):393. doi: 10.3390/jcdd9110393.   ***Contributi nei libri (con ISBN)***   1. Gabriele S., Teresi L., Varano V., Nardinocchi P., Piras P., Esposito G., Puddu P.E. & Torromeo C. (2016). Mechanics-based analysis of the left atrium via echocardiographic imaging. In: Tavares J.M.R.S. & Natal Jorge R.M. (Eds), Proceedings of the 5th Eccomas Thematic Conference on Computational Vision and Medical Image Processing (VipIMAGE 2015, Tenerife, Spain, October 19-21, 2015), pp. 267-271 2. Piras P., Teresi L., Gabriele S., Evangelista A., Esposito G., Varano V., Torromeo C., Nardinocchi P. & Puddu P.E. (2016). Systo–diastolic LV shape analysis by geometric morphometrics and parallel transport highly discriminates myocardial infarction. In: Camara O., et. al. (Eds), STACOM 2015, Lecture Notes in Computer Science, vol. 9534, Springer International, pp. 119-129. doi:10.1007/978-3-319-28712-6\_13.   ***Abstracts (with Impact Factor)***   1. Esposito G., Piras P., Evangelista A., Giordano F., Delli Veneri A:,Nuzzi V.,Pannarale G., Puddu PE. Torromeo C. Left atrial deformation assessed by 3D speckle tracking echocardioghaphy: an early marker of subclinical disease, Eur Heart J Cardiovasc Imaging Abstracts Supplement, December 2017 [doi.org/10.1093/ehjci/jex297](https://doi.org/10.1093/ehjci/jex297); 2. Esposito G., Piras P., Evangelista A., Nuzzi V., Teresi L., Pannarale G., Puddu PE Torromeo C. 3D speckle tracking deformation assessed by homologues times: a new tool in the evaluation of left atrial disease; Eur Heart J Cardiovasc Imaging Abstracts Supplement, December 2017 [doi.org/10.1093/ehjci/jex278](https://doi.org/10.1093/ehjci/jex278) 3. Esposito G., Piras P., Evangelista A., Nuzzi V., Nardinocchi P., Pannarale G., Torromeo C., Puddu PE. High predictive values of 3D speckle tracking speed deformation to detect impaired left atrial function and paroxysmal atrial fibrillation, Eur Heart J Cardiovasc Imaging Abstracts Supplement, December 2017 [doi.org/10.1093/ehjci/jex297](https://doi.org/10.1093/ehjci/jex297); 4. Esposito G., Piras P., Evangelista A., Nuzzi V., Nardinocchi P., Pannarale G., Pellicori P., Torromeo C., Puddu PE. Total atrial conduction time measured by tissue Doppler imaging for assessing left atrial impaired electro mechanical function in patients with hypertension and paroxysmal atrial fibrillation, Eur Heart J Cardiovasc Imaging, Volume 20, Issue Supplement 1, January 2019 doi: 10.1093/ehjci/jey258; 5. Esposito G., Piras P., Evangelista A., Nuzzi V., Nardinocchi P., Pannarale G., Torromeo C., Puddu PE. Left heart study based on LA and LV three-dimensional speckle tracking deformation in HCM and HCMG+P-, Eur Heart J Cardiovasc Imaging, Volume 20, Issue Supplement 1, January 2019 doi: 10.1093/ehjci/jey273; 6. Esposito G., Fumarola F., De Michele L., De Tommasi E., Camassa N., Mannarini A., Colonna P., Leopizzi T., D’Agostino C. Prognostic evaluation of infusion of low dose dobutamine during right cardiac catheterization in patients with pulmonary hypertension, Eur Heart J, Volume 21, Issue Supplement\_E, May 2019, Pages E32-E36, doi doi.org/10.1093/eurheartj/suz131; 7. Leopizzi T., Camassa N., Colonna P., L. De Michele, E. De Tommasi, A. Mannarini, G.Esposito, F. Fumarola, C. D’Agostino. Right ventricular dysfunction in pulmonary hypertension. Echocadiographic study of right ventricular contractile reserve during inotropic stimulation, Eur Heart J, Volume 21, Issue Supplement\_E, May 2019, Pages E32-E36, doi doi.org/10.1093/eurheartj/suz131; 8. Paolisso P., Gallinoro E., Candreva A., Bermpeis K., Fabbricatore D., Esposito G., Bertolone DT, Fernandez Peregrina E., Munhoz D., Mileva N., Penicka M., Bartunek J., Vanderheyden M., Wiffels E., Sonck J., Collet C., De Bruyne B. Barbato E. Microvascular dysfunction in patients with Type II diabetes mellitus: invasive assessment of absolute coronary blood flow and microvascular resistance reserve. Eur Heart J Supplements 23. doi: 10.1093/eurheartj/suab136.005; 9. Gallinoro E., Paolisso P., Di Gioia G., Bermpeis K., Fernandez Peregrina E., Candreva A., Esposito G., Fabbricatore D., Bartunek J., Vanderheyden M., Wyffels E, Sonck J., Collet C., De Bruyne B., Barbato E. Deferral of coronary revascularization in patients with reduced ejection fraction based on physiological assessment: impact on long-term survival. Eur Heart J Supplements 23. doi:10.1093/eurheartj/suab136.005 10. Esposito G., Claudio Montalto C, Grippo R., Morici N., Soriano F., Nava D., De Marco F., Testa L., Bedogni F., Oreglia J., Crimi G. Time Course of Ischemic and Bleeding Burden in Consecutive Patients Undergoing Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology 78(19):B171-B172. doi: 10.1016/j.jacc.2021.09.1272 11. 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| Research Project | | | 1. **“MECHANICAL AND CLINICAL TOOLS FOR DETECTING HEART DISEASES IN HUMANS”.**   Puddu, Schiariti, Torromeo, Nardinocchi, Pezzulla, Piras, Esposito, Rossi, Evangelista, Gabriele, Teresi, Varano*.*  *Sapienza University Research Grant N. C26A15JZ7K, 2015;*   1. **“MECHANICS OF THE ATRIO-VENTRICULAR COUPLING IN PHYSIOLOGICAL CONDITIONS AND IN PRESENCE OF DIASTOLIC DISFUNCTION”.**   Nardinocchi, Puddu, Schiariti, Torromeo, Piras, Esposito, Evangelista, Varano, Gabriele, Teresi.  *Sapienza University Research Grant N. RM116154C8A44723, 2016;*   1. **“MECHANICS OF SOFT FIBERED ACTIVE MATERIALS”.**   Nardinocchi, Schiariti, Torromeo, Addessi, Ciambella, Piras, Dasilva, Di Re, Puddu, Esposito, Evangelista, Varano, Gabriele, Teresi .  *Sapienza University Research Grant N. RG11715C7CE2C1C4, 2017*.   1. **“MECHANICAL INSIGHTS INTO VOLUME OVERLOADED LEFT HEART: TWO-CHAMBER DIASTOLIC-SYSTOLIC FUNCTIONAL DISEASES”**.   *Sapienza University Research Grant N*. *RM1181642B2FDE85, (2018).* | | | | | | | | | | | | |

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