

V: Università
degli Studi
della Campania
Luigi Vanvitelli

SIF
SOCIETÀ ITALIANA DI FARMACOLOGIA

UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II

MONOTHEMATIC CONFERENCE

**“CARDIOVASCULAR DISEASES: FROM POPULATION TO BASIC
SCIENCE - SEARCHING FOR NEW THERAPEUTIC TARGETS”**



Italian Society of Pharmacology

Aula Bottazzi
Complesso “Sant’Andrea delle Dame”
Via De Crecchio, 7

Naples
September 26-27, 2018

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Liberato Berrino, Giuseppe Cirino

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Wednesday, September 26

13.30	Registration
14.00	Welcome Giuseppe Paolisso <i>Rector - University of Campania "L. Vanvitelli"</i> Fortunato Ciardiello <i>President of Medical School - University of Campania "L. Vanvitelli"</i> Italo Francesco Angelillo <i>Director of the Department of Experimental Medicine</i> Sossio Cirillo <i>President of Naples Course in Medicine and Surgery</i> Alessandro Mugelli <i>SIF President</i> Giorgio Cantelli Forti <i>SIF Past President</i> Giorgio Racagni <i>SIF President-Elect</i>
	Introductory remarks Francesco Rossi, Liberato Berrino, Giuseppe Cirino
14.45 - 15.30	Keynote Lecture <i>New paradigm in cardiac biology and medicine: adult myocardial stem cells in cardiac homostasis, repair and regeneration</i> Bernardo Nadal-Ginard <i>Presents: Daniele Torella</i>
15.30 - 15.50	Coffee Break
Session I	Oral Communications – Protective Action of Endogenous Gaseous Signalling Molecules
<i>Chairman</i>	Giovanbattista De Sarro
<i>Co-chairmen</i>	Antonio Calignano, Elisabetta Cerbai
15.50 - 16.00	<i>Dual vascular effect of hydrogen sulfide: role of phosphodiesterases (PDEs)</i> Vellecco V, Bucci M, Mitidieri E, Sorrentino R, Gurgone D, Manzo OL, Monti MC, Morretta E, Brancaleone V, d'Emmanuele di Villa Bianca R, Cirino G
16.00 - 16.10	<i>Nitric Oxide Donors Induce Vascular Protective Activity: Interplay between NO and H2S</i> Ciccione V, Monti M, Hyseni I, Casella L, Ziche M, Morbidelli L
16.10 - 16.20	<i>Cystathionine β-synthase: a bridge between nitric oxide and hydrogen sulfide in the control of vascular tone</i> <u>Mitidieri E</u> , Gurgone D, Vellecco V, Bucci M, Cirino G, d'Emmanuele di Villa Bianca R, Sorrentino R
16.20 - 16.35	Discussion

Session II	Oral Communications – Nutraceuticals in Cardiovascular Diseases
<i>Chairman</i>	Giorgio Minotti
<i>Co-chairmen</i>	Franco Bernini, Bianca Rocca
16.35 - 16.45	<i>SIRT1 enzyme is the player in the myocardial anti-ageing effects of naringenin</i> Testai L, Piragine E, Piano I, Miragliotta V, Pirone A, Ventura N, Brinkmann V, Citi V, Di Cesare Mannelli L, D'Antongiovanni V, Martelli A, Gargini MC, Ghelardini C, Calderone V
16.45 - 16.55	<i>Reduction of atherosclerotic lesions in ApoE KO mice treated with lycopene extracted from sicilian tomatoe</i> Mannino F., Pallio G, Pizzino G, Irrera N, Squadrito F, Altavilla D, Bitto A
16.55 - 17.05	<i>Anti-oxidant effect of bergamot polyphenolic fraction counteracts doxorubicin induced cardiomyopathy: role of autophagy and c-kitpos CD45neg CD31neg cardiac stem cell activation</i> Carresi C, Musolino V, Gliozzi M, Maiuolo J, Mollace R, Nucera S, Maretta A, Sergi D, Muscoli S, Gratteri S, Palma E, Bosco F, Giuncotta C, Muscoli C, Marino F, Aquila I, Torella D, Romeo F, Mollace V
17.05 - 17.20	Discussion
17.20 - 19.00	Round table: <i>Understanding cardiovascular diseases: a journey from bench to bedside and back</i> <i>Moderators:</i> Alessandro Mugelli, Raffaele Calabrò <i>Speakers:</i> Alberto Corsini, Nicola De Luca, Paolo Golino, Gualberto Gussoni, Vincenzo Mollace, Pasquale Perrone Filardi, Giuseppe Rosano, Francesco Squadrito, Elena Tremoli, Bruno Trimarco
Thursday, September 27	
Session I	Oral Communications – Vascular Damage and Inflammation
<i>Chairman</i>	Diana Conte Camerino
<i>Co-chairmen</i>	Fabrizio De Ponti, Marina Ziche
9.00 - 9.10	<i>Palmitoylethanolamide and Polydatin combination reduce inflammation and oxidative stress in vascular injury</i> Gugliandolo E, Fusco R, Biundo F, D'amico R, Benedetto F, Di Paola R, Cuzzocrea S
9.10 - 9.20	<i>The novel antiplatelet agent Revacept mitigates injury-induced vascular neointima hyperplasia</i> Bruno A, Alberti S, Tacconelli S, Zhang Q, Munch G, Yu Y, Patrignani P
9.20 - 9.30	<i>Involvement of pulmonary circulation in the progression of heart failure with preserved ejection fraction: effects of ranolazine on lung vasculature remodeling and inflammation</i> Ciuffreda LP, De Angelis-A, Cappetta D, Esposito G, Cozzolino A, Piegari E, Liparulo A, Russo TP, Urbanek K, D'Agostino B, Rossi F, Berrino L
9.30 - 9.40	<i>Digitoxin impairs migration of endothelial and cancer cells but not of monocytes: implications for the inflammatory tumor microenvironment</i> Trenti A, Boscaro C, Tedesco S, Trevisi L, Bolego C, Cignarella A
9.40 - 9.50	<i>Sphingosine-1-phosphate (S1P) receptor type 1 exerts atheroprotective effects in murine macrophages</i> Scalera E, Francesco Potì F, Feuerborn R, Burkhardt R, Nofer JR
9.50 - 10.05	Discussion
10.05 - 10.50	Keynote Lecture <i>Reappraisal of the mechanisms of ischemic heart disease: the fundamental role of coronary microvascular dysfunction</i> . Paolo Camici Presents: Carlo Patrono

Session II	Oral Communications – Myocardial Performance and Protection
<i>Chairman</i>	Salvatore Cuzzocrea
<i>Co-chairmen</i>	Vincenzo Calderone, Annamaria De Luca
10.50 - 11.00	Electrophysiological characterization of induced pluripotent stem cell-derived cardiomyocytes from Duchenne Muscular Dystrophy Santini L, Coppini R, Pioner JM, Palandri C , Bennati E , Benzoni P , Landi S , Barbuti A , Mack DL , Regnier M , Sacconi L , Cerbai E, Poggesi P, Ferrantini C
11.00 – 11.10	Validation of ultrasonography in the assessment of late cardiac dysfunction in rodent animal models of Duchenne muscular dystrophy for pharmacological studies Mantuano P, Mele A, Sanarica F, De Bellis M, Camerino GM, De Luca A
11.10 - 11.20	Protective effect of melanocortins in myocardial ischemia , via the vagus nerve and JAK/ERK/STAT signaling, in rats Vandini E, A. Ottani, A. Calevro, F. Canalini, D. Giuliani, S. Guarini
11.20 - 11.30	Dapagliflozin ameliorates diastolic function in an animal model of hypertensive heart disease in the absence of diabetes: mechanistic insights Cappetta D, Urbanek K, Ciuffreda LP, Miccichè A, Esposito G, Cozzolino A, D'Amario D, Naviglio S, Coppini R, Mugelli A, Cerbai E, De Angelis A, Rossi F, Berrino L
11.30 - 11.40	The role of Glucocorticoid-induced leucine zipper (GILZ) in a mouse model of heart failure Flamini S, D Cappetta, Gagliardi A, Ciuffreda LP, Bucaioni G, Miccichè A, De Angelis A, Bereshchenko O, Urbanek K, Berrino L, Bruscoli S, Rossi F, Riccardi C
11.40 - 11.55	Discussion
11. 55 - 12.15	Coffee Break
Session III	Oral Communications – Metabolic Remodelling and Cardiac Cells
<i>Chairman</i>	Carlo Riccardi
<i>Co-chairmen</i>	Armando Ialenti, Paola Patrignani
12.15 - 12.25	The melanocortin MC5R-miR133a-PI3K pathway in hypermetabolic-hypertrophic H9c2 cardiomyocytes Trotta MC, Maisto R, D'Amico M
12.25 - 12.35	Lipidomics of cardiac mesenchimal stromal cells from patients affected by right ventricular arrhythmogenic cardiomyopathy shows perturbed lipid profile: in vitro studies Arnaboldi L, De Metrio S, Stadiotti I, Granata A, Corsini A, Tondo C, Pompilio G, Sommariva E
12.35 - 12.45	Mitochondrial dynamics unbalance in a model of cardiac hypertrophy: effect of fenofibrate treatment Gotti M, Castiglioni L, Busca G, Tremoli E, Sironi L, Gelosa P
12.45 - 12.55	Statin therapy and myopathy: gene and protein expression study in human biopsies and effect on cultured myoblasts Camerino GM, Fonzino A, Conte E, Altamura C, Maqoud F, Musumeci O, Toscano A, Pierno S
12.55 - 13.10	Discussion
13.10 - 14.00	Lunch break
14.00 - 15.00	Poster session*
<i>Moderators</i>	Maria Rosaria Bucci, Annalisa Capuano, Roberta D'Emmanuele di Villa Bianca, Antonella De Angelis, Concetta Rafaniello
Session IV	Oral Communications – Cardiovascular Clinical Pharmacology
<i>Chairman</i>	Achille Caputi
<i>Co-chairmen</i>	Emilio Clementi, Amelia Filippelli
15.00 - 15.10	Long-term exposure to air pollution raises circulating levels of PCSK9

	<u>Ruscica M, Macchi C, Ferri N, Favero C, Cantone L, Vigna L, Pesatori AC, Lupo MG, Sirtori CR, Bollati V, Corsini A</u>
15.10 - 15.20	eNOS polymorphisms are not associated with bevacizumab-related hypertension, but predict the clinical outcome in bevacizumab-treated breast cancer patients
	<u>Crucitta S, Del Re M, Fontana A, Bertolini I, Rofi E, Ferrarini I, Salvadori B, Falcone A, Danesi R</u>
15.20 - 15.30	Angiotensin-Converting-Enzyme Inhibitors and Angiotensin II receptor blockers induced pemphigus
	<u>Palleria C, Bennardo L, Iannone LF, Menniti M, Dastoli S, Citraro R, Russo E, De Sarro G</u>
Session V	Oral Communications – Cardiovascular Clinical Pharmacology
<i>Chairman</i>	Romano Danesi
<i>Co-chairmen</i>	Raffaella Sorrentino, Salvatore Guarini
15.30 - 15.40	Optimizing antiplatelet therapy with clopidogrel in patients requiring vascular surgery
	<u>Sellitro C, Manzo V, Iannaccone T, Torsiello M, Costantino M, Accarino G, Nicolella G, Conti V, Filippelli A</u>
15.40 – 15.50	Obesity enhances in vivo platelet activation and reduces aspirin responsiveness
	<u>Petrucci G, Cavalca V, Porro B, Tremoli E, Patrono C, Rocca B</u>
15.50 – 16.00	Beta blockers prescribing pattern in patients admitted to internal medicine departments: data from REPOSI
	<u>Pallio G, Arcoraci V, Squadrito F, Natoli G, Nobili A, Corazza GR, Mannucci PM, Perticone F, Altavilla D, Minutoli L, Corrao S, REPOSI investigators</u>
16.00 – 16.15	Discussion
16.15 – 16.30	Closing remarks Francesco Rossi, Liberato Berrino, Giuseppe Cirino

*Poster session will be held in the courtyard of the Complex of Sant'Andrea delle Dame, University of Campania "Luigi Vanvitelli", via L. De Crechchio, 7 – Naples.

During the Congress, the best oral and poster presentations will be selected. It is possible to have more than one winning communication in each category. The winners will be announced during the closing ceremony. The winners will receive an official certificate and a €300 award.