The ITALIAN SOCIETY OF CARDIOVASCULAR RESEARCH (SIRC) Is Pleased To Announce The XX Congress with International Participation Entitled:

“Translational Aspects of Cardiovascular Diseases: A Transdisciplinary Approach “
The Expo Symposium and Satellite Symposia on Clinical Features of Cardiovascular Disease, Organized in Cooperation with many companies

Under The Auspices Of:
Città di Imola
Comune di Imola
Fondazione CRIMOLA
Azienda Unità Sanitaria Locale di Imola
Istituto Nazionale di Ricerche Cardiovascolari
Società Italiana di Fisiologia

This Program is also reported on the SIRC website: http://www.sirc-cardio.it.

Dear Colleagues,

It is our great pleasure to welcoming you to the XX Congress of ITALIAN SOCIETY OF CARDIOVASCULAR RESEARCH (SIRC) with International participation, which will be held on November 26-28, 2015 at The Palazzo Sersanti, Imola (BO), Italy. For the last decades, the SIRC has organized a series of Nationally and Internationally recognized Meetings in Imola. These meetings attracted a worldwide scientific audience, and were supported by the FONDAZIONE CRIMOLA, the National Institute of Cardiovascular Research (INRC) and many bio-pharmaceutical companies. This year, in order to improve research background, and to promote the global research cooperation, the Scientific Program will include a broad mix of topics ranging from molecular, cellular and integrative aspects of Cardiovascular Sciences going ahead to the scientific problems covered by the international scientific community.

Imola was elected as the special home of SIRC to honor one of the fathers of cardiology: Antonio Maria Valsalva. Moreover, Imola is in the heart of Emilia Romagna, thereby hinging between the north and the center of Italy, very close to Bologna. This makes Imola an International City. Finally, Imola is also the place where you will find the typical Italian spirit of life and food. We appreciate your participation not only from Italy but also from other countries and wish you nice stay with us.

On Behalf Of The Program & Organizing Committee:
Prof. Pasquale Pagliaro (Turin) - President
Prof. Claudio Marcello Caldarera (Bologna) - Honorary President
Prof. Germano Di Sciascio (Roma) - Past President
Prof. Federico Quaini (Parma) - Vice-President
Prof. Tommaso Angelone (Rende)
Prof. Vincenzo Lionetti (Pisa)
Prof. Rosalinda Madonna (Chieti)
Prof. Fabio Mangiacapra (Roma)
Prof. Francesco Moccia (Pavia)
Prof. Claudia Penna (Torino)
Prof. Laura Sartiani (Firenze)
Prof. Carlo Gabriele Tocchetti (Napoli)
PRELIMINARY PROGRAM & TOPICS AND SCIENTIFIC SESSIONS

26 November (Afternoon)

13.00-14.00 - Registration and Poster display

13.30-14.00 - Opening Ceremony & Welcome Messages from the President and the Authorities

13.00-18.00 - Poster Session I

14.00-15.30 - Symposium 1: Cardiac regeneration: where are we going?

15.30-16.00 - Opening lecture: Prof. Raffaele De Caterina, Gabriele D’Annunzio University, Chieti

16.00-16.30 - Coffee Break and Poster Discussion

16.30-18.00 - Symposium 2: Cardioprotection: Time is muscle

27 November (Morning)

8.30-13.00 - Poster Session II

9.00-10.30 - Symposium 3: Novel insights in myocardial signaling
Guido Tarone Lecture: Prof. Giuseppe Lembo, Sapienza University, Rome, and IRCCS Neuromed, Pozzilli (Is)

10.30-11.00 - Coffee break and Poster Discussion

11.00-12.30 - Symposium 4: Vascular biology and inflammation

12.30-13.00 - Spotlight: Prof. Nazareno Paolocci, Johns Hopkins University School of Medicine, Baltimore (USA)

13.00-14.00 - Lunch Symposium with AstrazenecaNew Evidences on Antiplatelet Therapy in ACS

14.00-18.00 - Poster Session III

14.00-15.30 - Symposium 5: Cardiovascular Imaging
15.30-16.00 - Coffee break and Poster Discussion

16.00-16.15 - Young investigator lecture (Candidates will be selected by the Program & Organizing Committee among Abstract presenters younger than 35 y.o.: they will have to apply for this competition at the submission)

16.15-17.45 - Symposium 6: Ion channels in cardiovascular pathophysiology

17.45-19.00 - Meeting Of The SIRC Assembly

Social Dinner

28 November (Morning)

8.30-12.20 - Poster Session IV

9.00-10.30 - Symposium 7: Manipulating gene functions in the myocardium (gene therapy and miRNAs)

10.30-11.00 Coffee break and Poster Discussion

11.00-11.30 - Plenary Valsalva lecture: Prof. Peter Ferdinandy, Semmelweis University, Budapest, Hungary

11.30-12.30 - Expo Symposium: Cardiovascular prevention: nutraceuticals and functional foods

12.30-13.00 - Ceremony for Young Researcher Awards (Posters and oral communications)

13.00-13.30 - Concluding Remarks & Take Home Message
Call for Abstracts
The Program Committee is welcoming the submission of only original contributions for oral and poster presentations.

On-Line Abstract Submission
On-Line Submission on the SIRC website (www.sirc-cardio.it) is the only modality that will be accepted by the Program Committee. Scientific contributions should be submitted according to the topics of the congress. Abstract must be written in English. Abstracts whose English language is of poor quality will be rejected. Please, select the preferred type of presentation (Oral or Poster) and whether or not will participate to the Young Researcher Award. Also, indicate the topic of your work and the session to which the abstract should be inserted in case of acceptance Accepted Abstracts will be scheduled for the Type of Presentations by the Program & Organizing Committee.

Important Notice: The deadline for abstract submission is July 31th 2015.
The number of Abstracts is not limited.
Only Abstracts accompanied by the payment of the registration fee will be considered for inclusion in the final program and for publication in the proceedings of the Congress that will appear on Vascular Pharmacology (Editor-in-Chief: Raffaele De Caterina; Impact Factor: 3.635).

For abstract preparation, please follow the following format:

Instructions for Authors
1) Abstracts should contain the title; a list of author(s); the institution(s) where the investigation was performed and the text. The Title must be in capital letters. For the Institute/Department, the city should be specified without address, in italics; use the asterisks in the case of multiple memberships.
2) Presenting author should be underlined. Please list the authors with initials of the first name in uppercase followed by surname.
3) Text must be divided into 4 sections: Objectives, Materials and Methods, Results, Conclusions.
4) The recommended font is time new roman and font size 12. Kindly, set the language to English.
5) Type the entire abstract single-spaced without margins at the top of sides. Do not include bibliographic citations, tables or figures. Text can be maximum 2700 characters long, including spaces. Use only the acronyms and abbreviations common to the other state in full in the first quote.
7) Add the correct email address and mailing address, including phone, fax number, of the presenting author at the end of the abstract.

Abstract template
REMODELLING OF THE CA²⁺ SIGNALLING MACHINERY IN ENDOTHELIAL PROGENITOR CELLS ISOLATED FROM BREAST CANCER PATIENTS


* Department of Biology and Biotechnology “L. Spallanzani”, University of Pavia, Pavia;
**Department of Biochemistry and Medical Biotechnology, Federico II University, Naples;
***Department of Molecular Medicine, University of Pavia, Pavia;
Objectives: Endothelial progenitor cells (EPCs) may be recruited from bone marrow to sustain the metastatic switch in breast cancer patients. Intracellular Ca^{2+} signals are key to EPC proliferation, migration and homing to the target tissue: we have recently shown that the Ca^{2+} machinery is remodelled in circulating EPCs harvested from renal cell carcinoma patients (RCC-EPCs). RCC-EPCs present with a down-regulation of intracellular Ca^{2+} release, whereas they manifest an increase in store-operated Ca^{2+} entry (SOCE), due to the up-regulation of its underlying molecular components, namely Stim1, Orai1, and TRPC1. Therefore, the present investigation was undertaken to evaluate whether the Ca^{2+} signalling toolkit is rearranged in breast cancer patients derived- EPCs (BC-EPCs).

Materials and methods: EPCs were isolated from peripheral blood of healthy donors and tumoral patients. Changes in [Ca^{2+}]_i were monitored by loading the cells with Fura-2/AM (2 μM, 30 min) and with aid of a CCD camera. Western blots were carried out as described elsewhere.

Results: SOCE was activated by exposing the cells to the classic “Ca^{2+} add-back” protocol in presence of either cyclopiazonic acid (CPA), a selective inhibitor of the SarcoEndoplasmic Reticulum Ca^{2+}-ATPase (SERCA), or the physiological agonist, ATP. We found that, in both cases, intracellular Ca^{2+} release was smaller in BC-EPCs as compared to control cells, while SOCE amplitude was not different. Both CPA- and ATP-induced SOCE were sensitive to BTP-2, La^{3+} and carboxamidotriazole (CAI), an orally active anti-angiogenic drug. Finally, we found that the expression of Stim1, Orai1 and TRPC1 proteins in BC-EPCs is similar to control cells.

Conclusions: Similar to RCC-EPCs, the Ca^{2+} machinery is remodelled in BC-EPCs. However, molecular nature of the alterations in the Ca^{2+} toolkit is subtly different from that reported in RCC-EPCs, suggesting that tumour microenvironment may differentially impact on circulating EPCs.

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Regardless of scientific content, Abstracts received after the deadline, or sent in hard copy, and Abstracts not complied according to the instructions will not be accepted.

Notification of Acceptance
Abstract acceptance, day, time and modality of presentation will be communicated directly to the corresponding author of the abstract, as indicated in the abstract submission form, by September 30th 2015. Please, carefully fill the e-mail address of the Corresponding Authors in the abstract submission form).
At least one of the authors for each Oral Communication or Poster accepted is required to be registered to the Congress. The Registered Author is responsible for informing all authors of the
status of the Abstract. Posters will be discussed during dedicated sessions. Posters should be posted at the beginning of each session and removed at the end.

**Poster Presentation**

Four Interactive Poster Sessions will be held during the congress. Authors are requested to hang up their posters from the beginning to the end of the poster section. Poster size should be 120 (height) cm x 80 (width) cm. Poster figures need to be made so as to be readable at distance, with clear, visible graphics and large text fonts. Material for hanging up the posters will be provided in the poster area. Authors are requested to be present at their posters during the poster session for which their poster has been scheduled. Prizes will be awarded to the best poster presentations by a Young Investigator.

*Abstracts Presented At The Congress Will Be Published On Vascular Pharmacology, An International Journal Indexed In Current Contents/Science Citation Index.*

Opening, Spotlight and Plenary Lecture Speakers are allocated 30 minutes for presentation. Keynote Speakers are kindly requested to keep their presentation 15 minutes maximal with 5 minutes for the discussion time. Speakers selected from the Abstract are kindly requested to keep their presentation 10 minutes maximal with 5 minutes for the discussion time. All the Speakers must place all files associated with their presentation (PowerPoint file, movie/video files, etc) on the main presentation computer at least 15 minutes before the beginning of the section with the aid of the section chairs. Prizes will be awarded to The Best Oral Presentations by a Young Investigator (<35 y.o.).
Announcement Delivery
The First Announcement: End of April 2015
The Second Announcement: End of June 2015
The Third Announcement: Middle of July 2015
The Final Program: End of September 2015
Congress Date: November 26-28, 2015

Congress Venue
Palazzo Sersanti, Piazza Matteotti 8, Imola (Bologna), Italy
(Participation upon Registration Only)

Registration
The Congress Desk Will Be Open On:
November 26th 13.00 – 19.00
November 27th 8.00 – 19.00
November 28th 8.00 – 13.00

Registration Fees (IVA, 22% excluded. Please report IVA exclusion law and criteria)
(Before October 15th 2015)
Participants 90 € (unemployed, PhD and postgraduate students) or 190 € (employed).
Members of the SIRC: 30 € (unemployed, PhD and postgraduate students*) or 70 € (employed)
(Confirmation of Regularly Paid Membership Fee for 2014 and 2015; per year, 20 € for
unemployed, PhD and postgraduate students and 50 € for employed).

(After October 15th 2015 or at the Meeting Desk)
Participants 120 € (unemployed) or 280 € (employed).
Members of the SIRC 40 € (unemployed, PhD and postgraduate students*) or 100 € (employed)
(Confirmation of Regularly Paid Membership Fee for 2014 and 2015; per year 30 € for
unemployed, PhD and postgraduate students and 50 € for employed).
Free of Charge (Only Undergraduates students*).

*Students: Certificate Required

Social Dinner fee 30 €

For Attendees – Payment in Euro to the Account of SIRC:
Società Italiana di Ricerche Cardiovascolari
Conto corrente n: 25038407 ()
IBAN: it17c0760102400000025038407 ()
(Ufficio Postale di Torino - Succ. 6, Corso Racconigi 43, 10139 Torino)
Payment receipt must be sent to the Secretary of the SIRC, Prof. Francesco Moccia at the following
email address: francesco.moccia@unipv.it.
The registration fee can also be paid at the Meeting Desk by cash or credit card. For every payment,
a regular invoice will be released. So, please, indicate your fiscal code or VAT number.

Full Registration Fee Includes Admission To All Scientific Sessions, Opening Ceremony,
Welcome Reception, Cocktail, And Receiving Abstract Book. The Congress Will Be ECM
Accredited.
Cancellation and Refund Policy
To cancel your registration, send an email stating your intent to cancel to the following email address: francesco.moccia@unipv.it
You must mention if you are part of any sessions, and indicate your intent to withdraw as well.
- Requests received by November 7, 2015 will incur a 50% cancellation fee
- Requests received after November 7, 2015 will not be refunded

Official Language
Official Languages will be English and Italian. No Simultaneous translation will be provided. All Abstracts will be published in English on the Abstract Book.

Security Procedure: the entry to Lecture Hall and attendance to all Scientific Sessions, including Exhibition will be allowed only for the Participants with valid Badge Identification and after regularly Paid Congress Fee.