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INHERITANCE



INtegrated HEart Research In TrANslational genetics
of dilated Cardiomyopathies in Europe

*The "genetic-based nosology" of cardiomyopathies:
how far this goal is and how useful it could be*

10th-11th May, 2014 - Stresa, Italy



SCIENTIFIC DIRECTOR

Eloisa Arbustini

Director Centre for Inherited Cardiovascular Diseases
 Director Transplant Research Area
 Fondazione IRCCS Policlinico San Matteo, Pavia, Italy

SCIENTIFIC COMMITTEE

**Eloisa Arbustini, IT; Riccardo Bellazzi, IT; Martino Bolognesi, IT;
 Philippe Charron, FR; Perry Elliott, UK; Hugo Katus, DE; Benjamin Meder, DE;
 Jens Mogensen, DK; Lorenzo Monserrat, ES; Yigal Pinto, NL; Luigi Tavazzi, IT**

ENDORSED BY



PRESENTATION

The congress aims at disseminating to clinicians state-of-the-art knowledge on the molecular genetic basis and genotype-phenotype correlations of inherited cardiomyopathies. The many presentations focused on clinical, genetic-molecular and pharmaceutical subjects have been meticulously planned in order to share the informative, innovative and translational impact of knowledge acquired thanks to research in the last decade.

PROGRAM (Official language: English)

DAY 1: 10th MAY, 2014

- 08.00 **Registration**
- 08.30 **Welcome and contents of the meeting** - Eloisa Arbustini, IT
- 08:40 **Quo vadis research in Europe?**
Chair: Maurizio Bersani, IT; Massimo Casciello, IT
 - **The ESC Research Policy** - Luigi Tavazzi, IT - Scientific Director, EF Health Science Foundation, Cotignola
 - **The National Research Policy**
 Massimo Casciello, IT - Ministry of Health
 - **Management of large consortia - best practice from a Coordinator's view** - Tanja M. Weis, DE - University of Heidelberg





**INHERITANCE project:
major blocks of achievements and clinical impact**

09.40 Clinical and molecular genetics in Dilated Cardiomyopathies

Chair: Stefano De Servi, IT; Eloisa Arbustini, IT

- What genetics adds to clinical diagnosis of cardiomyopathies
Perry Elliott, UK
- Cardiomyopathies - *Yagal Pinto, NL*
- Titinopathies and cardiomyopathy phenotypes: DCM only?
Luisa Mestroni, USA

10.40 *Coffee break*

**11.00 Molecular genetics and experimental research
in cardiomyopathies**

Chair: Alida Caforio, IT; Zofia T. Bilińska, PL

Molecular genetics and DCM: from Sanger to NGS

- Sanger sequencing today - *Lorenzo Monserrat, ES*
- NGS - *Jan Haas, DE*

**Search for novel disease genes and experimental studies testing
the role of novel mutations**

• GWAS and Exome sequencing studies - *Philippe Charron, FR*

Animal models

- Myopalladin - *Eric Villard, FR*
- Lamin AC - *Yagal Pinto, NL*

13.00 *Lunch*

**14.00 The role of Charities in promoting social-health innovation:
the case of cardiomyopathies**

Chair: Alessandro Rasetta, IT

- In the UK: The Cardiomyopathy Association
Robert Hall, UK - Chief Executive

- In France: Ligue contre la cardiomyopathie

Léa Fallourd, FR - President

- In Italy: MAGICA (MALattie Genetiche Cardiovascolari) Onlus

Valentina Favalli, IT - President

15.00 "Mario Stefanelli" lecture. Bioinformatics and DCM

Introduced by Paolo Cristiani, IT

- The spectrum of contribution of bioinformatics in the progression
of knowledge and the translation impact of genetic research on DCM
Riccardo Bellazzi, IT

**15.25 Lecture. How to implement the contribution of crystallography
to cardiomyopathies**

Introduced by Riccardo Bellazzi, IT

- What crystallography offers to clarify mechanisms of disease
and drug development - *Martino Bolognesi, IT*

15.50 *Coffee break*

16.10 Current management of DCM

Chair: Luigi Tavazzi, IT; Fulvio Camerini, IT

- Tailored medical treatment in DCM - *Marco Merlo, IT*
- Ivabradine: a new tool in ventricular dysfunction - *Claudio Ceconi, IT*
- Beta-blockers in cardiomyopathy patients: beyond clinical trials
Antonello Gavazzi, IT

17.10 Lecture

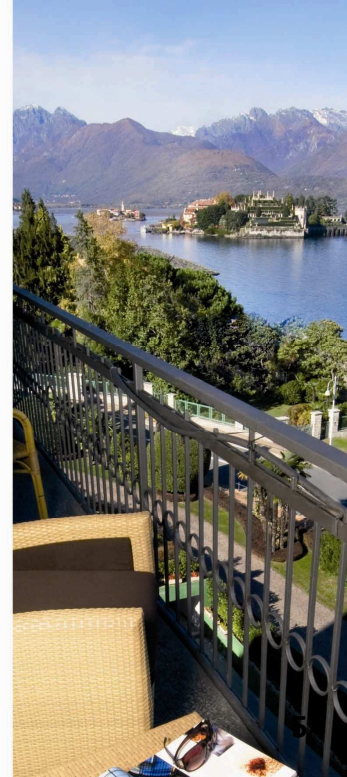
Chair: Antonello Gavazzi, IT; Paolo Spirito, IT

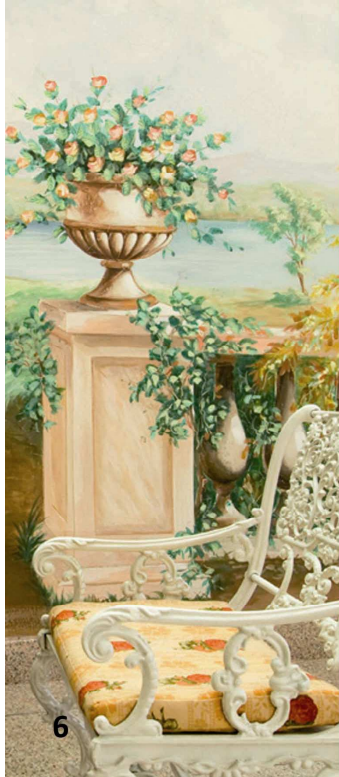
- New technical approach to myectomy in HCM - *Paolo Ferrazzi, IT*

17.35 Lecture

Introduced by Luigi Tavazzi, IT; Philippe Charron, FR

- The "genetic-based nosology" of cardiomyopathies:
how far this goal is and how useful it could be - *Eloisa Arbustini, IT*



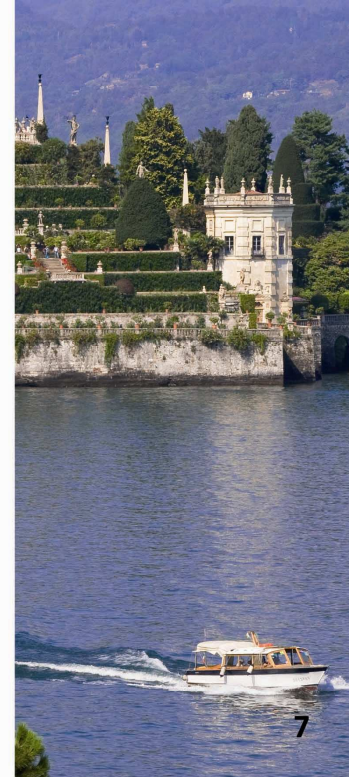


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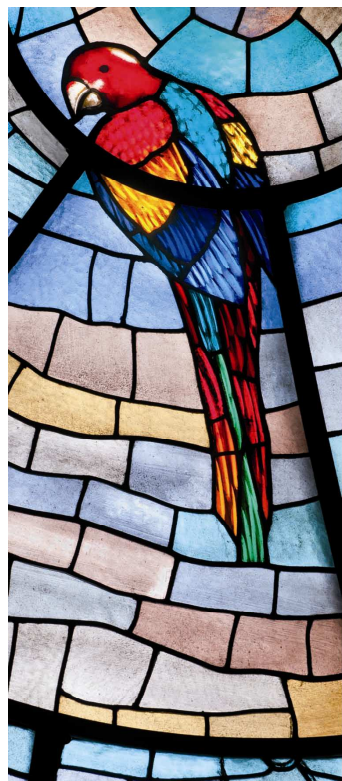
DAY 2: 11th MAY, 2014

- 08.30 **Genetic-based nosology of cardiomyopathies: hypertrophic and restrictive phenotypes. Sarcomeric and non sarcomeric HCM**
Chair: Peter Schultheiss, DE; Bernhard Maisch, DE
- Identification of patients at high risk of sudden death and potential role of mutations in predicting outcome - Paolo Spirito, IT
 - Patterns of disease progression in hypertrophic cardiomyopathy: from healthy carriers to patients with end-stage disease
Franco Cecchi, IT
 - Troponinopathies: do they carry a higher SD risk? - Jens Mogensen, DK
 - Danon Disease: how about heart transplantation in male patients?
Michael Arad, IL
- 09.40 **The paradigm of a disease with specific treatment**
Anderson-Fabry disease
Introduced by Sabine Pankuweit, DE
- Short "case marathon"
case 1: Maurizia Grasso, IT; **case 2:** Alessandra Serio, IT;
case 3: Maria Luisa Zedde, IT; **case 4:** Laura Fancellu, IT
 - The kidney corner - Filippo Mangione, IT
- 10.50 *Coffee break*
- 11.05 **Heritable and acquired cardioamyloidoses**
Chair: Antonello Gavazzi, IT; Arsen Ristic, RS
- The amyloid heart: is diagnostic work-up different in acquired and genetic forms? - Claudio Rapezzi, IT
 - The novel treatments for amyloidosis: a 10-year revolution
Giampaolo Merlini, IT

- 11.45 **ARVC**
Chair: Perry Elliott, UK
- Arrhythmogenic Cardiomyopathy: do clinics and genetics meet pathology? - Cristina Basso, IT
- 12.05 **Imaging in cardiomyopathies**
Chair: Fabrizio Calliada, IT; Bernhard Maisch, DE
- Echocardiography: the key diagnostic player. Does innovation enter clinical practice? - Alan Fraser, UK
 - CMR: is fine quantification of fibrosis feasible and useful for monitoring studies in clinical trials? - James Moon, UK
 - Ultrasound Molecular Imaging : new insights for diagnosis and monitoring of cardiac disease - François Tranquart, CH
 - Usefulness of cardiac CT - Ernesto Di Cesare, IT
- 13.15 CME test
- 13.30 Closure of the meeting
- 13.40 *Lunch*



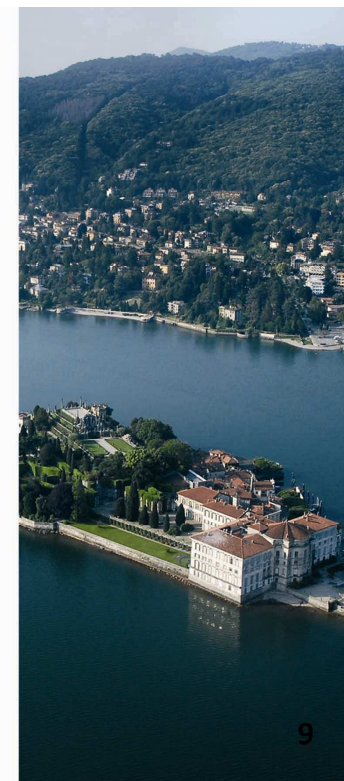
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FACULTY

Michael Arad – Tel Hashomer, Israel
Eloisa Arbustini – Pavia, Italy
Cristina Basso – Padua, Italy
Riccardo Bellazzi – Pavia, Italy
Maurizio Bersani – Milan, Italy
Zofia T. Bilińska – Warsaw, Poland
Martino Bolognesi – Milan, Italy
Alida Caforio – Padua, Italy
Fabrizio Calliada – Pavia, Italy
Fulvio Camerini – Trieste, Italy
Massimo Casciello – Rome, Italy
Franco Cecchi – Florence, Italy
Claudio Ceconi – Ferrara, Italy
Philippe Charron – Paris, France
Paolo Cristinani – Pavia, Italy
Stefano De Servi – Legnano, Italy
Ernesto Di Cesare – L'Aquila, Italy
Perry Elliott – London, United Kingdom
Léa Fállourd – Montboissier, France
Laura Fancellu – Sassari, Italy
Valentina Favalli – Pavia, Italy
Paolo Ferrazzi – Monza, Italy
Alan Fraser – Cardiff, United Kingdom
Antonello Gavazzi – Bergamo, Italy

Maurizia Grasso – Pavia, Italy
Jan Haas – Heidelberg, Germany
Robert Hall – Chesham, United Kingdom
Bernhard Maisch – Marburg, Germany
Filippo Mangione – Pavia, Italy
Giampaolo Merlini – Pavia, Italy
Marco Merlo – Trieste, Italy
Luisa Mestroni – Aurora, Colorado
Jens Mogensen Jens – Odense, Denmark
Lorenzo Monserrat – A Coruña, Spain
James Moon – London, United Kingdom
Sabine Pankuweit – Marburg, Germany
Yagal Pinto – Amsterdam, The Netherlands
Claudio Rapezzi – Bologna, Italy
Alessandro Rasetta – Pescara, Italy
Arsen Ristic – Belgrade, Serbia
Peter Schultheiss – Berlin, Germany
Alessandra Serio – Pavia, Italy
Paolo Spirito – Genoa, Italy
Luigi Tavazzi – Ravenna, Italy
François Tranquart – Plan-Les-Ouates, Switzerland
Eric Villard – Paris, France
Tanja M. Weis – Heidelberg, Germany
Maria Luisa Zedde – Reggio Emilia, Italy





INFORMATION

DATE AND CONGRESS VENUE

Saturday, 10th - Sunday, 11th May, 2014
Grand Hotel Bristol, C.so Umberto I, 73 - 28838 Stresa (VB), Italy
<http://bristol.zaccherahotels.com/>
By car: A26, exit "Carpugnino"
Nearest train station: Stresa (500 m)
Nearest airport: Milan Malpensa (60 km)

A **Masterclass on inherited cardiomyopathies** will be held in Milan on Friday, 9th May, 2014 (language: Italian).

For any updates on the Congress and Masterclass program, please visit:
<http://www.sanmatteo.org/site/home/attivita-scientifica/incontri-scientifici.html>

ACCOMMODATION

Special room rates are available at the following hotels during the Congress. Due to the high-season period, room availability is not guaranteed. We suggest you to book your accommodation as soon as possible. Please specify "INHERITANCE Congress" when making the reservation.

Grand Hotel Bristol **** (Congress venue)

Mrs. Laura Gellera - tel. (+39) 0323 913992 - laura@zaccherahotels.com
€ 128,00 double room single occupancy - € 161,00 double room
Price per night including buffet breakfast and tourist tax.

Hotel Boston *** (500 m from Congress venue)

Tel. (+39) 0323 30533 - info@hotelbostonstresa.com
€ 91,00 superior single room - € 101,00 standard double room
Price per night including breakfast and tourist tax.

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ECM (CME) ACCREDITATION FOR ITALIAN PARTICIPANTS

See Italian section

REGISTRATION

The registration is free.

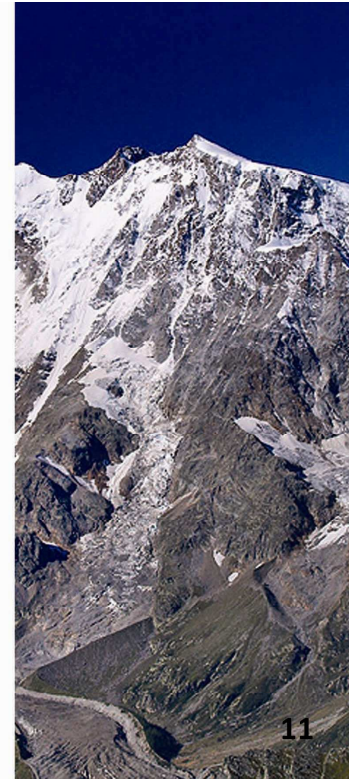
Please send the registration form to the organizing secretariat via fax or e-mail (fax (+39) 0382 502508, e-mail: congressi@smatteo.pv.it) **by 2nd May, 2014.**

Please download the registration form at:
<http://www.sanmatteo.org/site/home/attivita-scientifica/incontri-scientifici.html>

You will receive an e-mail confirming your registration.

After May 2nd, registrations will be accepted at the Congress venue.

Registration includes: participation to the scientific sessions, coffee break, lunch, certificate of attendance, ECM (CME) certificate for Italian participants (see the Italian section).



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INFORMAZIONI

DATA E SEDE

Sabato 10 e domenica 11 maggio 2014
Grand Hotel Bristol, C.so Umberto I, 73 - 28838 Stresa (VB)
<http://bristol.zaccherahotels.com/>

In Auto: A26, uscita Carpugnino
In Treno: stazione di Stresa (500 m)
In Aereo: aeroporto Malpensa (60 km)

Venerdì 9 maggio 2014, a Milano presso il Palazzo Pirelli, è prevista una **Masterclass sulle cardiomiopatie ereditarie**.

Per aggiornamenti sul programma del Congresso e della Masterclass consultare il sito:

<http://www.sanmatteo.org/site/home/attivita-scientifica/incontri-scientifici.html>

HOTEL

In occasione del Congresso, è possibile alloggiare presso le seguenti strutture convenzionate. Considerato il periodo di alta stagione, non è garantita la disponibilità delle stanze. Pertanto, si consiglia di prenotare l'alloggio il prima possibile. Al momento della prenotazione specificare "Congresso Inheritance"

Grand Hotel Bristol **** (sede congressuale)

Sig.ra Laura Gellera - tel. (+39) 0323 913992 - laura@zaccherahotels.com
€ 128,00 camera doppia uso singola - € 161,00 camera doppia.
Tariffe a notte comprensive di prima colazione a buffet e tassa di soggiorno.

Hotel Boston *** (500 metri dalla sede congressuale)

Tel. (+39) 0323 30533 - info@hotelbostonstresa.com
€ 91,00 camera singola superior - € 101,00 camera doppia standard.
Tariffe a notte comprensive di prima colazione e tassa di soggiorno.

ACCREDITAMENTO E.C.M.

PROVIDER: Pragma Congressi S.r.l. - CODICE: 918

Tel. 0382 309579 - info@pragmacongressi.it

PARTECIPANTI N. 100; PROFESSIONI: Biologo, Tecnico sanitario laboratorio biomedico, Tecnico sanitario di radiologia medica, Medico chirurgo (discipline: Cardiocirurgia, Cardiologia, Chirurgia toracica, Chirurgia vascolare, Genetica medica, Laboratorio di genetica medica).

ID. EVENTO: 91730; N. CREDITI: 10

L'attestato di partecipazione con i crediti concessi sarà inviato, dopo il Congresso, a coloro che saranno stati presenti per l'intera durata del Congresso e che avranno restituito, debitamente compilati, il questionario e la scheda di valutazione consegnati al momento della registrazione.

MODALITÀ DI ISCRIZIONE

L'iscrizione è **GRATUITA**.

È necessario inviare la scheda d'iscrizione via fax o via e-mail alla segreteria organizzativa (fax 0382 502508; e-mail: congressi@smatteo.pv.it) **entro il 2 maggio 2014**.

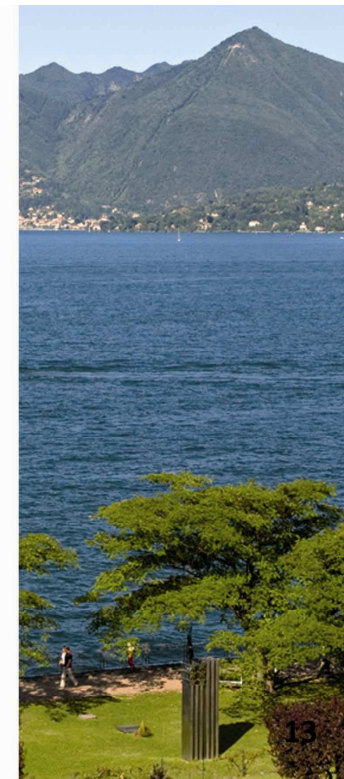
Per scaricare la scheda di iscrizione consultare il sito:

<http://www.sanmatteo.org/site/home/attivita-scientifica/incontri-scientifici.html>

L'iscrizione sarà confermata via mail all'indirizzo indicato nella scheda.

Dopo il 2 maggio, sarà possibile iscriversi in sede congressuale.

L'iscrizione dà diritto a: partecipazione ai lavori scientifici, coffee break, lunch, attestato di partecipazione, attestato ECM (sarà inviato dopo l'evento all'indirizzo e-mail indicato nell'iscrizione).





Centro Malattie Genetiche
Cardiovascolari

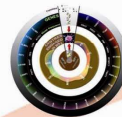
SCIENTIFIC SECRETARIAT

Fondazione IRCCS Policlinico San Matteo, Pavia, Italy
Centre for Inherited Cardiovascular Diseases
Eloisa Arbustini (Director), Maurizia Grasso, Alessandra Serio
International liaison: *Isabella Smeraldi - Sara Vender*
Tel. (+39) 0382 501487 - Fax (+39) 0382 501893
e-mail: i.smeraldi@smatteo.pv.it - s.vender@smatteo.pv.it



ORGANIZING SECRETARIAT

Fondazione IRCCS Policlinico San Matteo, Pavia, Italy
Direzione Scientifica - Ufficio Organizzazione Congressi
Tel. (+ 39) 0382 503490 - (+39) 0382 503467
Fax (+39) 0382 502508 - Cell. (+39) 331 6408688
e-mail: congressi@smatteo.pv.it



In occasione del Congresso INHERITANCE
Stresa, 10-11 maggio 2014



MASTERCLASS sulle cardiomiopatie ereditarie: "Il paziente non è solo il suo cuore"

La Masterclass propone di affrontare, in modo interattivo con i partecipanti, il tema delle malattie genetiche cardiovascolari, per una moderna gestione diagnostica, terapeutica e preventiva. Si parlerà di fibrillazione atriale familiare (dalle basi genetiche alle nuove prospettive terapeutiche), di cardiomiopatie familiari (dalla diagnosi clinica e genetica alla gestione del monitoraggio clinico e stratificazione del rischio) e di nuovi approcci classificatori per le cardiomiopatie stesse.

9 maggio 2014 - Milano
Palazzo Pirelli (Lingua ufficiale: italiano)

RESPONSABILI SCIENTIFICI

Eloisa Arbustini - Direttore Centro per le Malattie Genetiche Cardiovascolari; Direttore L.S.R. Area trapiantologica
Fondazione IRCCS Policlinico San Matteo, Pavia
Palmarini Alessandro - Responsabile Servizio Cardiologia
Casa di Cura San Giovanni, Milano;
Presidente Cardiopulsafety, Olgiate Comasco (CO)

SEGRETERIA ORGANIZZATIVA

Fondazione IRCCS Policlinico San Matteo, Pavia, Italy
Direzione Scientifica - Ufficio Organizzazione Congressi
Tel. (+ 39) 0382 503490 - (+39) 0382 503467
Fax (+39) 0382 502508 - Cell. (+39) 331 6408688
e-mail congressi@smatteo.pv.it

Per informazioni su programma e iscrizione consultare il sito:
<http://www.sanmatteo.org/site/home/attivita-scientifica/incontri-scientifici.html>