

Co-organized by



FONDAZIONE
INTERNAZIONALE
MENARINI



UNIVERSITÀ DEGLI STUDI
DI GENOVA



THE FUTURE OF MEDICINE STARTS NOW 2019 (2nd edition)

Venue: Porto Antico di Genova - Centro Congressi Genoa



GENOA (ITALY), SEPTEMBER 26th-27th, 2019

WELCOME LETTER

Why attending this meeting?

In 2017 we organized a meeting that we named “The Future of Medicine Starts Now”. The purpose was to discuss the new sophisticated technologies that very rapidly are paving the way to major new diagnostic and therapeutic opportunities and are producing a substantial revolution in medicine.

Given the success of the previous meeting we decided, together with Menarini Foundation, to organize this second edition that accordingly we have named “The Future of Medicine Starts Now 2019 (2nd edition)”.

This year the program includes new topics as well as updates of the previous ones.

We have assembled a number of worldwide famous Speakers that are absolute leaders in their field. Lectures will encompass various topics including genomic, genetic engineering, gene therapy, rejuvenation, system biology and “in silico” medicine in the frame of the 4 P medicine: Predictive, Preventive, Personalized and Participatory.

A round table will focus on the organization of life science research Institutions and a section will be devoted to inflammation and to its major role in the pathogenesis of a very vast array of diseases.

It does not occur very often that, in only two days, you can learn so much in the field of biomedical science with no registration fee.

We therefore hope that our effort will convince many people to participate.

We are ready to welcome you in Genoa at end of September 2019.

Presidents of the Meeting
Francesco Frassoni and **Alberto Martini**

WITH THE PATRONAGE OF



A.I.E.O.P.

Associazione Italiana Ematologia
Oncologia Pediatrica



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di Midollo Osseo



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Società Italiana Ematologia
Sperimentale

PRESIDENTS OF THE MEETING

Francesco Frassoni

Alberto Martini

CO-ORGANIZED BY:

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PROGRAMME - PORTO ANTICO DI GENOVA - CENTRO CONGRESSI, GENOVA

THURSDAY, SEPTEMBER 26th, 2019

10.15 a.m. 10.30 a.m.	<i>Welcome coffee</i>
10.30 a.m. 10.45 a.m.	<i>Welcome Address</i> P. Petralia (Genoa, IT) General Manager Giannina Gaslini Scientific Institute of Genoa S. Viale (Genoa, IT) Vice President, Assessor for Health, Social Policies, Immigration and Emigration, Security - Liguria Region <i>Introduction</i> F. Frassoni (Genoa, IT), A. Martini (Genoa, IT)
10.45 a.m. 11.15 a.m.	L. Luzzatto (Dar es Salaam, TZ) Changing Scenarios in Medicine

SESSION I - NEW PERSPECTIVES IN MEDICINE

Chairpersons:	P. Pronzato (Genoa, IT), G. Sambuceti (Genoa, IT)
11.15 a.m. 11.45 a.m.	M. Delledonne (Verona, IT) Genome Sequencing Technology Assessment
11.45 a.m. 12.15 p.m.	R. Sharpe (London, UK) Precision Medicine: the Project at NHS
12.15 p.m. 12.45 p.m.	T. Green (Cambridge, UK) JAK/STAT signalling, stem cell subversion and human clonal dynamics
12.45 p.m. 01.15 p.m.	L. Shlush (Toronto, CA) Identifying individual at risk of developing AML years before the onset of the disease
01.15 p.m. 02.15 p.m.	<i>Lunch</i>
Chairpersons:	E. Angelucci (Genoa, IT), G. Ciliberto (Rome, IT)
02.15 p.m. 02.45 p.m.	S. Ravera (Genoa, IT) Changes in glucose metabolism define aging
02.45 p.m. 03.15 p.m.	M. O'Reilly (London, UK) CAR T Cell
03.15 p.m. 03.45 p.m.	M. P. Cicalese (Milan, IT) The future of gene therapy
03.45 p.m. 04.15 p.m.	<i>Coffee Break</i>
Chairpersons:	F. Frassoni (Genoa, IT), A. Martini (Genoa, IT)
04.15 p.m. 06.15 p.m.	<i>Round Table: How to organize a Life Sciences Research Institute</i> G. Ciliberto (Rome, IT), T. Green (Cambridge, UK), G. Merlini (Pavia, IT), A. Uccelli (Genoa, IT)

FRIDAY, SEPTEMBER 27th, 2019

Chairpersons:	M. Piana (Genoa, IT), A. Verri (Genoa, IT)
09.00 a.m. 10.30 a.m.	<i>Round table: Data analysis and simulation in Biomedicine</i> A. Hamblin (Oxford, UK), M. Lorenzi (Sophia Antipolis, FR), A. M. Quarteroni (Milan, IT)
10.30 a.m. 11.00 a.m.	<i>Coffee Break</i>

SESSION II - INFLAMMATION - PART 1

Chairpersons:	M. Gattorno (Genoa, IT), S. Gordon (Oxford, UK)
11.00 a.m. 11.30 a.m.	M. Netea (Nijmegen, NL) Inflammation and metabolic disease
11.30 a.m. 12.00 p.m.	C. Garlanda (Milan, IT) The IL-1 family
12.00 p.m. 12.30 p.m.	S. Gordon (Oxford, UK) Macrophages as orchestrators of homeostasis and inflammation across diseases
12.30 p.m. 01.00 p.m.	M. Perretti (London, UK) Resolution of inflammation
01.00 p.m. 02.00 p.m.	<i>Lunch</i>

SESSION III - REJUVENATION AND BIG DATA

02.00 p.m. 03.00 p.m.	J. C. Izpisua Belmonte (La Jolla, CA) Keynote Lecture: Aging and Organ Regeneration
03.00 p.m. 03.30 p.m.	<i>Coffee Break</i>

FRIDAY, SEPTEMBER 27th, 2019

SESSION IV - INFLAMMATION - PART 2

Chairpersons:	M. Cutolo (Genoa, IT), M. Perretti (London, UK)
03.30 p.m. 04.00 p.m.	P. Allavena (Milan, IT) Inflammation and cancer
04.00 p.m. 04.30 p.m.	M. Matteoli (Milan, IT) Inflammation and the nervous system
04.30 p.m. 05.00 p.m.	M. Cutolo (Genoa, IT) Inflammation and rheumatoid arthritis
05.00 p.m. 05.30 p.m.	M. Gattorno (Genoa, IT) Autoinflammatory diseases
05.30 p.m. 05.45 p.m.	Conclusions

GENERAL INFORMATION

CONGRESS VENUE

Porto Antico di Genova - Centro Congressi
Via Magazzini del Cotone
Modulo 8 (Scirocco Meeting Room - 3rd level)
16128 Genoa (Italy)

REGISTRATION HOURS

Thursday, September 26th: 09.15 a.m. – 06.15 p.m.
Friday, September 27th: 08.00 a.m. – 05.45 p.m.

OFFICIAL LANGUAGE

English. Simultaneous translation will not be provided.

REGISTRATIONS

Please return the registration form to:

AVEC S.r.l. - Incentive Paintings

Via Lavoratori Autobianchi, 1 - c/o Polo Tecnologico Brianza - Edificio 9 - Ufficio 14
20832 Desio (MB, Italy)
Phone: +39 0362 581579 – Fax: +39 0362 1860074
E-mail: info@avec-eventi.com

TECHNICAL FACILITIES

A Slide Centre with PCs (Windows and Macintosh operating systems) will be available for Speakers to preview and finalise their presentations. Speakers are kindly requested to submit their presentations on USB flash drive to the Slide Centre technicians at least one hour before their talks.

SLIDE CENTRE OPENING HOURS

Thursday, September 26th: 09.15 a.m. – 06.15 p.m.
Friday, September 27th: 08.00 a.m. – 05.45 p.m.

LUNCH AND COFFEE BREAKS

Lunch and coffee breaks will be provided at the Conference premises.

ATTENDANCE CERTIFICATE

The attendance certificate will be provided on-site upon request at the Registration Desk.

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