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FONDAZIONE
MENARINI

QS.I.S.A. FOUNDATION

For the Advancement of Research on Atherosclerotic Diseases

50

YEARS OF
FONDAZIONE
MENARINI



Artificial Intelligence and Cardiovascular Risk Assessment International Workshop Programme



WWW.FONDAZIONE-MENARINI.COM

16th–18th September 2026
Auditorium Fondazione Menarini, Fiesole (FI)

WHO WE ARE

50
YEARS OF
FONDAZIONE
MENARINI

The “**Fondazione Menarini**” was established in the spring of **1976** to promote research and knowledge in the fields of biology, pharmacology and medicine as well as economy and human sciences.

One of the main tools the Foundation uses to achieve its goals is the organization of **international congresses** with a specific focus on medical disciplines.



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The logo the **Fondazione Menarini** adopted at the time of its establishment derives from a famous seventeenth-century treatise, the **Novissima Iconologia del Ripa** (Ripas’ New Iconology), rich in symbolic meanings from Parmenides to Plato’s Myth of the Soul.

The image, which depicts a man leading a horse while firmly gripping the bridle, was chosen as it effectively represents the Foundation’s goals and topics based on its **balanced interests in humanistic and biological sciences**.



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RATIONALE

Atherosclerotic cardiovascular disease (ASCVD) remains the leading global cause of mortality, despite substantial advances in prevention, risk factors control, and pharmacological therapy. Traditional risk prediction models, largely derived from population-based cohorts and based on a limited set of classical well known risk factors, have provided an important framework for estimating cardiovascular risk. However, while useful at the population level, these models fall short when applied to individual patients. They may inadequately capture heterogeneity across age groups, sex, ethnicity, and genetic background, and frequently fail to account for lifetime exposure and dynamic changes in risk, thereby contributing to persistent residual cardiovascular burden.

In recent years, the rapid expansion of large-scale biobanks, electronic health records, advanced imaging modalities, and multi-omics platforms has profoundly transformed the landscape of cardiovascular risk assessment. These resources provide an unprecedented opportunity to move beyond static and simplified risk estimation toward a more comprehensive and dynamic understanding of disease processes. When combined with artificial intelligence (AI) and machine learning approaches, these datasets enable the integration of complex, multidimensional information, capturing interactions between biological, environmental, and behavioural determinants that often are not accessible through conventional models.

Such approaches hold the potential to redefine cardiovascular prevention by enabling more precise, individualized risk stratification, earlier identification of high-risk phenotypes, and more targeted therapeutic interventions. At the same time, they may help to better characterize subclinical disease, refine treatment thresholds, and optimize allocation of healthcare resources.

However, important challenges remain. These include the interpretability and transparency of AI-driven models, the need for rigorous validation across diverse populations and healthcare systems, issues related to data quality and bias, and the practical integration of these tools into clinical workflows. Ethical considerations, including data governance and patient privacy, also represent critical aspects that must be addressed to ensure responsible implementation.

This workshop in Fiesole is designed to address these opportunities and challenges by combining high-level plenary lectures with interactive, hands-on sessions. The program will provide participants with both a strong conceptual framework and practical skills, fostering a multidisciplinary dialogue between cardiology, data science, and public health. The ultimate aim is to empower clinicians and researchers to critically evaluate, interpret, and apply big data and AI tools in real-world settings, thereby contributing to more effective and sustainable cardiovascular prevention strategies.

Alberico Catapano

UNDER THE AUSPICES OF

Q S.I.S.A. FOUNDATION

For the Advancement of Research on Arteriosclerotic Diseases

PRESIDENT:

Alberico Catapano

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Fax +39023491629

www.marben.it

PROGRAM

WEDNESDAY, 16TH SEPTEMBER 2026 - AFTERNOON

- 01.00 p.m. - 06.00 p.m. Pre-meeting speakers' discussion and programme updates
All Speakers
- 06.00 p.m. - 07.00 p.m. Opening Keynote Lecture: Artificial Intelligence in Cardiovascular Medicine: Hype, Reality, and Clinical Translation
T.Lüscher

THURSDAY, 17TH SEPTEMBER 2026 - MORNING

- 08.30 a.m. - 08.45 a.m. Welcome addresses and Introduction
A. Catapano, I. Graham
- 08.45 a.m. - 09.00 a.m. Institutional greetings: Fondazione Menarini
G. Caracciolo (Firenze, IT)
- SESSION I - CV RISK ASSESMENT: FROM SCORES TO INDIVIDUAL RISK**
- 09.00 a.m. - 10.00 a.m. Lecture 1
Current risk estimation systems, including SCORE
I. Graham
- 10.00 a.m. - 10.45 a.m. Lecture 2
AI: review of options
J. Kelleher
- 10.45 a.m. - 11.30 a.m. Lecture 3
Genetics: before, after, or during risk estimation
M. Kavousi
- 11.30 a.m. - 12.00 p.m. *Coffee Break*
- 12.00 p.m. - 12.30 p.m. Lecture 4
Deep causal AI and risk: a working model
B. Ference
- 12.30 p.m. - 01.30 p.m. *Lunch Break*

THURSDAY, 17TH SEPTEMBER - AFTERNOON

SESSION II - YOUNG INVESTIGATORS WORKSHOP

- 01.30 p.m. - 05.30 p.m. Structured Group Work (30 Young Researchers)
Kessler Foundation
- 05.30 p.m. - 06.00 p.m. *Coffee Break*
- 06.00 p.m. - 06.15 p.m. Survey Event: Satisfaction survey with certificate

FRIDAY, 18TH SEPTEMBER 2026 - AFTERNOON

SESSION III - GROUP PRESENTATIONS AND CONSOLIDATION

- 08.30 a.m. - 10.30 a.m. Group Presentations and Discussion
- 10.30 a.m. - 11.30 a.m. Plenary Discussion
- 11.30 a.m. - 12.00 p.m. *Coffee Break*
- 12.00 p.m. - 12.15 p.m. Survey Event: Satisfaction survey with certificate
- 12.15 p.m. - 12.45 p.m. Closing Session and Next Steps
- 12.45 p.m. - 01.45 p.m. *lunch buffet*
- 01.45 p.m. - 03.45 p.m. Post meeting speaker's discussion

FACULTY

Alberico Catapano

Ian Graham

John Kelleher

Maryam Kavousi

Brian Ference

Thomas Lüscher

REGISTRATION - HYBRID EVENT

VIA WEBSITE AND/OR APP - HYBRID EVENT

Subscription to the Reserved Area and to the Event of your interest is required.
REGISTRATION IS FREE.

RESIDENTIAL EVENT

Via website **www.fondazione-menarini.com**

IF YOU ARE ALREADY A SUBSCRIBER TO THE FONDAZIONE MENARINI RESERVED AREA

- 1) Please **visit the page of the congress** of your interest:

www.fondazione-menarini.com

- 2) Click on **"SUBSCRIBE TO RESIDENTIAL EVENT"** and **LOG IN** with your credentials.
- 3) Choose which days you wish to attend.

You will receive a confirmation email including your registration QR CODE for entering the event.

IF YOU ARE NOT YET A SUBSCRIBER, REGISTER **FOR FREE** IN THE FONDAZIONE MENARINI RESERVED AREA

- 1) Go to **www.fondazione-menarini.com** and click on **"Reserved Area"** (home page, on the right)
- 2) To **register in the reserved area**, just fill in the form, available here:

www.fondazione-menarini.com/en/reserved-area.html

- 3) Fill in all the mandatory fields and complete the registration, click on **REGISTER** (only once).

Wait for the confirmation page to appear, do not click on anything or leave the page.

Once you receive confirmation, return to the home page, you will already be logged-in to the reserved area.

- 4) **Visit the page of the congress** of your interest:

www.fondazione-menarini.com

- 5) Confirm your registration by clicking on **"SUBSCRIBE TO RESIDENTIAL EVENT"** and **LOG IN** with your credentials.
- 6) Choose which days you wish to attend.

You will receive a confirmation email including your registration QR CODE for entering the event.

REGISTRATION - LIVE STREAMING

LIVE STREAMING

Via website www.fondazione-menarini.com

IF YOU ARE ALREADY A SUBSCRIBER TO THE FONDAZIONE MENARINI RESERVED AREA

1) Please visit the page of the congress of your interest:

www.fondazione-menarini.com

2) Click on “SUBSCRIBE TO LIVE STREAMING” and LOG IN with your credentials, check the Privacy Notice and click on “ATTEND”.

You can enjoy the LIVE STREAMING for free on 16th and 18th September 2026.

IF YOU ARE NOT YET A SUBSCRIBER, REGISTER FOR FREE IN THE FONDAZIONE MENARINI RESERVED AREA

1) Go to www.fondazione-menarini.com and click on “Reserved Area” (home page, on the right).

2) To register in the reserved area, just fill in the form, available here:

www.fondazione-menarini.com

3) Fill in all the mandatory fields and complete the registration, click on REGISTER (only once).

Wait for the confirmation page to appear, do not click on anything or leave the page.

Once you receive confirmation, return to the home page, you will already be logged-in to the reserved area.

4) Visit the page of the congress of your interest:

www.fondazione-menarini.com

5) Confirm your registration by clicking on “SUBSCRIBE TO LIVE STREAMING”, check the Privacy Notice and click on “ATTEND”.

You can enjoy the LIVE STREAMING for free on 16th and 18th September 2026.

REGISTRATION - FONDAZIONE APP

VIA FONDAZIONE MENARINI APP

Download the APP of Fondazione Menarini,
click here or scan the QR CODE:

www.fondazione-menarini.com/en/app-fondazione-menarini.html

LIVE STREAMING

IF YOU ARE ALREADY A SUBSCRIBER TO THE FONDAZIONE MENARINI RESERVED AREA

You can access the APP with the same username and password that you use in the website. Visit the page of the event and confirm your participation, click on **"SUBSCRIBE TO LIVE STREAMING"**.

You can enjoy the LIVE STREAMING for free on 16th and 18th September 2026.

IF YOU ARE NOT YET A SUBSCRIBER, REGISTER **FOR FREE** IN THE FONDAZIONE MENARINI RESERVED AREA

Click on the profile icon in the top right-hand corner, or in the details of an event. Click on **LOGIN**:

Click on the red button **REGISTER**; to register in the reserved area, just fill in all the mandatory fields of the form.

Now it is necessary to log in with your username (email) and password! Then click on **LOGIN**.

Now you are logged-in to the APP (you will see your name near the user icon).

You can visit the schedule of the event, and click on the red button **"SUBSCRIBE TO LIVE STREAMING"**, check the Privacy Notice and the confirm.

You can enjoy the LIVE STREAMING for free on 16th and 18th September 2026.

RESIDENTIAL EVENT

IF YOU ARE ALREADY A SUBSCRIBER TO THE FONDAZIONE MENARINI RESERVED AREA

You can access the APP with the same username and password that you use on the website. Visit the page of the event and confirm your participation, click on **"SUBSCRIBE TO RESIDENTIAL EVENT"**.

As you will be redirected to the **Fondazione Menarini website**, please follow the instructions above for **RESIDENTIAL EVENT**.

IF YOU ARE NOT YET A SUBSCRIBER, REGISTER **FOR FREE** IN THE FONDAZIONE MENARINI RESERVED AREA

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As you will be redirected to the **Fondazione Menarini website**, please follow the instructions above for **RESIDENTIAL EVENT**.

Please feel free to contact us if you need any further information or require any assistance, by clicking on the link below:

www.fondazione-menarini.com/en/contact-us.html

GENERAL INFORMATION

VENUE

Auditorium Fondazione Menarini, Fiesole (FI)

WIFI

Wifi: Guest

Password: Event-23

SEGRETERIA DURANTE LA RIUNIONE

The Secretariat will be open at the following times:

Wednesday, 16th September from 01.00 p.m. to 07.00 p.m.

Thursday, 17th September from 08.30 a.m. to 06.45 p.m.

Friday, 18th September from 08.30 a.m. to 12.05 p.m.

OFFICIAL LANGUAGE

The official language of the Meeting will be english. Simultaneous translation wont be provided

REGISTRATION

The meeting is free to attend.

For more information and to register please visit the following website:

www.fondazione-menarini.com

TECHNICAL FACILITIES

Facilities will be available for computer presentations and overhead projections.

A business center with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers take their presentation to the business center at least one hour before the session starts.

The center will be open at the following times:

Wednesday, 16th September from 01.00 p.m. to 07.00 p.m.

Thursday, 17th September from 08.30 a.m. to 06.45 p.m.

Friday, 18th September from 08.30 a.m. to 12.05 p.m.

LUNCHES AND COFFEE BREAKS

Lunches and welcome coffee will be served near the meeting area.

ATTENDANCE CERTIFICATE AND SURVEY

At the end of each day, faculty members and participants will have the possibility to answer a short appreciation questionnaire accessible using the QR code projected on the screen. After completing the survey it will immediately be possible to download the Attendance Certificate which can be kept, printed and shared.

NOTES

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NOTES

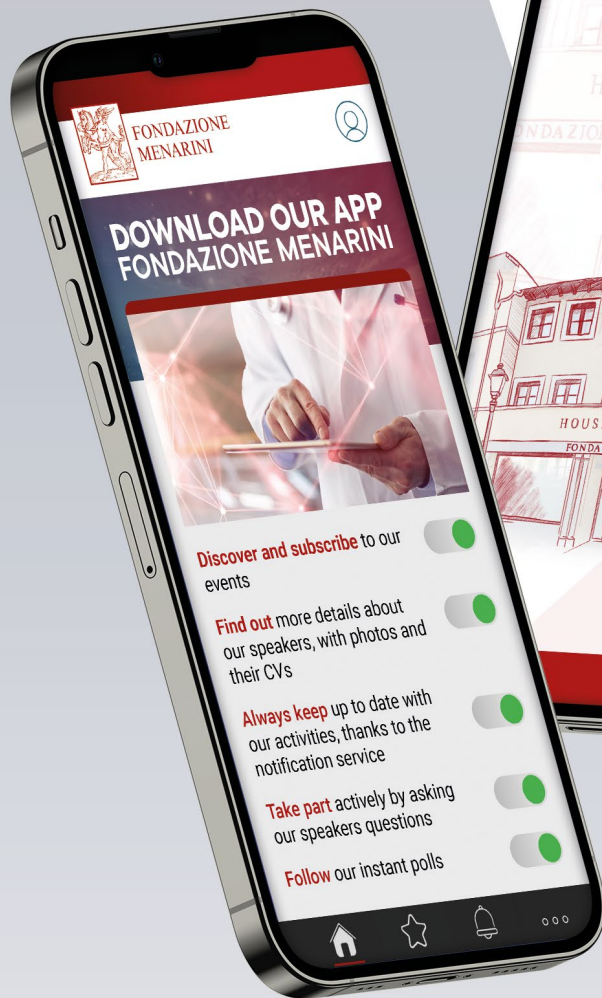
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NOTES

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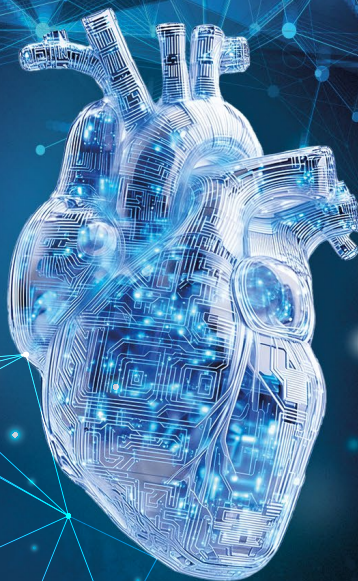
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All slides and presentations are available on our website 15 days after the event.

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Scan the QR code and
immediately download
the new APP.



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is also on [LinkedIn](#)