

Soochow University



CDD *press*



12th Cell Death Disease Conference &
1st Heal Italia International Conference
on Precision Medicine

PRECISION MEDICINE SYMPOSIUM

April, 23-24, 2026

Nanbanyuan Academy Suzhou



South Half Garden, Suzhou,
Jiangsu Province, China



Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIFORMA E RESILIENZA

HEAL ITALIA

PRECISION MEDICINE SYMPOSIUM

Nanbanyuan Academy Suzhou | April, 23-24, 2026 | Suzhou, China

The Italy–China Bilateral Conference on Precision Medicine, promoted by **Fondazione HEAL Italia** in collaboration with **CDDpress**, will be held on 23–24 **April 2026** at the **South Half Garden in Suzhou, Jiangsu Province, China**. The event represents a significant opportunity for dialogue and collaboration between two leading scientific and healthcare communities at the international level.

At a time when technological innovation and biomedical research are transforming the way diseases are prevented, diagnosed and treated, **precision medicine is establishing itself as one of the fundamental pillars of the future of healthcare**. This conference has been conceived with the aim of fostering the exchange of knowledge, experience and best practices among experts, researchers and institutions from both countries, **promoting strategic synergies in the fields of genomics, artificial intelligence applied to medicine, and personalised therapies**.

Italy and China, drawing on their respective scientific excellences and distinct cultural perspectives, are well positioned to contribute in a **complementary manner to the development of innovative, patient-centred solutions**. Precision medicine indeed represents both a scientific and a cultural commitment to the future of healthcare — one that places the person at its centre, addressing in a personalised manner every factor that influences health, rather than limiting its scope to the treatment of disease alone.

We are, in fact, witnessing a transition from medicine designed **"for everyone"** to medicine designed **"for each individual"** – a model in which clinical decisions are guided by a deep understanding of the patient's biological profile, through the structured **integration of omic, clinical, environmental and digital data**. **These approaches will need to be durably embedded in everyday clinical practice**, with the goal of building diagnostic and therapeutic pathways tailored to **the individual characteristics of each patient**, moving beyond the uniformity of the traditional model.

The transition towards this innovative paradigm will not only significantly improve clinical outcomes, but will also provide concrete responses to contemporary healthcare and social challenges, such as population ageing and the growing complexity of care needs.

On 23 and 24 April 2026, through thematic sessions and structured exchanges, the conference aims not only to explore the most recent developments in precision medicine, but also to strengthen the bonds of international cooperation, laying the groundwork for future collaboration in both clinical and research settings.

Prof. Mauro Piacentini

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PROGRAMME

Day 1 | April 23rd

09:00 - 09:15 OPENING CEREMONY

KEYNOTE LECTURE | Chair: Gerry Melino

09:15 - 10:00 Junying Yuan

RIPK1 Kinase as a Key Mediator of Neuroinflammation

10:00 - 10:15 COFFEE BREAK

SESSION I: CANCER | Chair: Yufang Shi, Gerry Melino

10:15 - 10:45 Qiang Sun

HIF1 α -KLF4 signaling dictates extra-erythrocyte expression of hemoglobin conferring therapy resistance in hepatocellular carcinoma

10:45 - 11:15 Gerry Melino

P63 and its interacting regulators

11:15 - 11:45 Mauro Piacentini

Transglutaminase type 2 Inhibition prevents hepatocellular carcinoma development by metabolic reprogramming

11:45 - 12:15 Jim Zhi-Xiong Xiao

Targeting EGFR family proteins in therapeutic treatment of TKI-resistant NSCLC and T-DXd-nonresponsive TNBC

12:15 - 13:00 LUNCH

SESSION II: CANCER | Chair: Qiang Sun

13:00 - 13:30 Andrea Perra

The Double-sided of Human Leukocyte Antigen-G Molecules in Liver Diseases

13:30 - 14:00 Giorgio Stassi

How Epigenetic Changes to p53 Influence Cancer Progression

14:00 - 14:30 Sabrina Giglio

Cell-free DNA as a marker of disease and health

14:30 - 15:15 CDDpress [ONLINE]

Update & Discussion with London Office: Lawal Abiola & Veronica Dezi

15:15 - 15:30 COFFEE BREAK

SESSION III: IMMUNITY & NEURO | Chair: Yufang Shi

15:30 - 16:00 Chunyi Li

Interactions between stem cells and immune cells dictate postnatal organogenesis—Insights from deer antler development

16:00 - 16:30 Yu Chen

Advances in Research and Clinical Perspectives on Immune-Related Adverse Events in Cancer Immunotherapy

16:30 - 17:00 Ying Wang

Lipid metabolism in the dialog between stem cells and tissue microenvironment

18:00 - 19:15 WELCOME RECEPTION (BANQUET)

Day 2 | April 24rd

08:30 - 09:00 SIGNING CEREMONY

KEYNOTE LECTURE | Chair: Mauro Piacentini

09:00 - 09:45 John Silke

Smac-mimetics, Successes, Failures and Precision Medicine

9:45 - 10:00 COFFEE BREAK

SESSION IV: CELL DEATH MODALITIES | Chair: Qiang Sun

10:00 - 10:30 Quan Chen

The PGAM5-FUNDC1 axis constitutes the nexus governing mitochondrial behaviors

10:30 - 11:00 Sudan He

Regulation of RIPK1/RIPK3 activation in TNF-induced cell death

11:00 - 11:30 Chan Francis Ka-Ming

Cell death in host defense and barrier integrity

12:00 - 14:00 LUNCH

SESSION V: METABOLISMS | Chair: Sudan He

14:00 - 14:30 Y. Eugene Chin

Why Does Lysine in Proteins Carry So Many PTMs

14:30 - 15:00 Dominici Massimo

Inducing Death by Cell and Gene Therapies for Frontiers Cancers

15:00 - 15:30 Ling Lu

Tumor-Derived Metabolites Orchestrate Regulatory T Cell Generation, Function, and Survival to Govern PD-1 Immunotherapy Responses

15:30 - 15:45 COFFEE BREAK

SESSION VI: TOO HOT TO PRINT | Chair: TBA

15:45 - 16:15 Wei Jia

Novel insights into drug discovery: hyocholic acid as a regulator of glucose and lipid metabolism via the gut-liver axis

16:15 - 16:45 PANEL DISCUSSION

16:45 - 17:00 FINAL REMARKS

17:00 - 19:15 DINNER

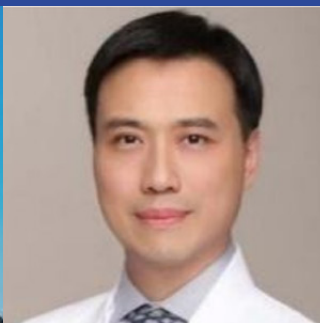
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SPEAKERS



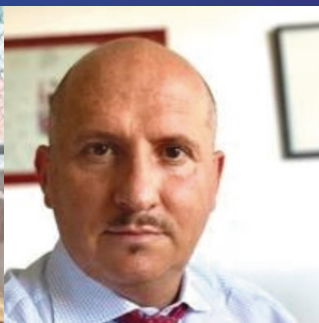
Quan Chen



Yu Chen



Eugene Chin



Massimo Dominici



Sabrina Giglio



Sudan He



Chunyi Li



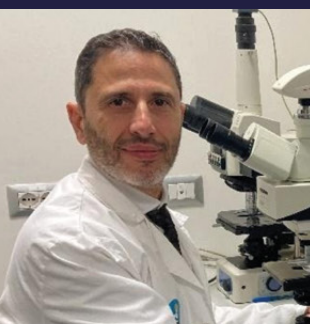
Ling Lu



Gerry Melino



Francis Ka - Ming Chan



Andrea Perra



Mauro Piacentini



John Silke



Giorgio Stassi



Qiang Sun



Ying Wang



Jia Wei



Zhi - Xiong Jim Xiao



Junying Yuan

For more information,
please contact:

Xiaoqing Wang
xqwang123@suda.edu.cn

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since 1994

Cell Death &
Differentiation

Cell Death
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Cell Death
Discovery

...where the impact is a FACT, not a factor !!!



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THE FOURTH AFFILIATED HOSPITAL OF SOOCHOW UNIVERSITY
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