

## Conditioning Medicine



"Federico II" University  
Naples, Italy  
Founded in 1224

Dear Colleague:

On the behalf of the International Scientific Committee, I have the great pleasure to announce the 5<sup>th</sup> International Conference on Conditioning Medicine: **Brain and Heart Adaptation** that will be held on **30 September-02 October 2024** at the Centro Congressi Federico II (<https://www.centrocongressi.unina.it/via-partenope/>) of **Naples, Italy**.

**Napoli** is one of the oldest European cities with a beautiful and peaceful environment and represents a thriving hub of culture and history, with a number of spectacular monuments to show for its legendary past. Naples is distant about 1 hour from Rome by train, and the International "Capodichino" airport of Naples (<https://www.aeroportodinapoli.it/en/>) is directly connected to the main world cities.

The Meeting will be basic and translational research oriented and will host scientists from overall the world performing their research activities on basic and translational research on mechanisms involved in brain and heart adaptation to hypoxia and other stressful pathophysiological events.

The scientific program will include the following topics:

- [1] **History of Tolerance and Conditioning;**
- [2] **Mechanisms of Body Adaptation to Stressful Stimuli;**
- [3] **Mechanisms – new signaling pathways;**
- [4] **Mechanisms –immune system contribution;**
- [5] **Exercise, nutrition, and recovery;**
- [6] **Translation – lessons from other organs ;**
- [7] **Translation – pre vs. post conditioning;**
- [8] **Translation – central, remote, drugs;**
- [9] **Translation – acute RIC trial design and biomarkers ;**
- [10] **Translation –Chronic RIC trial design and biomarkers (imaging, blood);**
- [11] **Conclusions and Future Directions**

The program will comprise both state-of-the art lectures and free oral and/or poster communications. Time for short presentations of important new late-breaking science to add to the exciting scientific sessions already scheduled is also reserved. The international scientific Committee will place particular emphasis on poster presentations and their discussion. Consequently, no other session will take place while poster is being presented. You are warmly encouraged to submit original communications that will be examined and assigned to the program by the International Scientific Committee. The participation of young investigator is encouraged; therefore, registration fee is waived for under 35 PhD or Post-Doc attending the meeting with a senior researcher.

Due to the size of the meeting and in order to encourage a constructive dialogue among participants, only the first **100 registered researchers** will be admitted in presence. All the additional people will have the opportunity to follow the conference online.

An extended abstract (<https://mc04.manuscriptcentral.com/conditionmed>) is required for registration (**Deadline: 30<sup>th</sup> of June 2024**). All scientific contributions will be reviewed by peers and published in Conditioning Medicine Journal (<http://www.conditionmed.org/>).

You will have the opportunity to book accommodation at the Grand Hotel Vesuvio (<https://www.vesuvio.it/en/>), a 5-star Hotel close to the Conference Centre with comfortable rooms at a special price, including breakfast, reserved to meeting participants. In the same place there are also cheaper hotels and bed and breakfast accommodations for young scientists. Meals (lunch and dinner) are included in the registration fee.

All information concerning the meeting including the preliminary program can be requested at the following e-mail address:

Giuseppe Pignataro, [giuseppe.pignataro@gmail.com](mailto:giuseppe.pignataro@gmail.com);

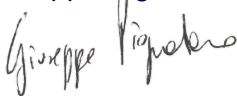
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We look forward to welcome you in Naples, Italy and to share with you our passion for both quality scientific research and efficient networking advances.

Kindest Regards,

Giuseppe Pignataro



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