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**Biosketch:**

Dr. Giulia Guerra earned her degree in Neuropsychology from the University of Turin (Italy) in 2016, completing her thesis on the electrophysiological modulation of pain perception in the context of placebo effect. She later obtained her MD degree from the same institution in 2022. After five months spent as a research fellow at Harvard Medical School (in Prof. Rosenzweig and Prof. Asnani laboratories), she started the PhD program in Biomedical Sciences and Oncology at the University of Turin, under the supervision of Prof. Alessandra Ghigo. Dr. Guerra’s current research interest is focused on cardiac metabolism and mitochondria, investigating the metabolic underpinnings of anthracyclines cardiac toxicity and the reciprocal interactions between metabolic intermediates and post-translational modifications within the heart.