



Ca' Foscari
University
of Venice

Department of Molecular
Sciences and Nanosystems

Dr. Rick Austin

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Brewing up a caffeine-inspired drug discovery program for the treatment of cardiometabolic disease

Monday, October 12, 2026, 12.15 PM

Room Delta 1B, Scientific Campus - Via Torino 155, Mestre

Summary

1. Review the role of ER stress as a driver and therapeutic target of metabolic disease
2. Review the biochemistry and biology of caffeine, including cardioprotective effects
3. Highlight novel mechanism by which caffeine protects against cardiometabolic disease
4. Summarize the development of novel caffeine derivatives for the treatment of cardiometabolic disease (Systemic Therapeutics)

Organizer: Flavio Rizzolio

