

# THE EMERALD CONFERENCE

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## **Keynote - A Macro View of the Endocannabinoid System**

**Speaker: Dr. Daniele Piomelli, Distinguished Professor, University of California Irvine**

**Abstract:** Dr. Piomelli is a pioneer in the field of research into the endocannabinoid system. In his keynote presentation, Dr. Piomelli will take a high-level view of the endocannabinoid system, including its reliance on the 'on-demand' production of lipid ('fat-like') molecules as signals and its critical roles in the development and function of the brain. It is a source for potential medications but also the main port of entry for the intoxicating constituent of cannabis, THC, into the human body and, as such, contributes to the short-term and long-term effects of this substance. Dr. Piomelli will discuss current advancements in research of the endocannabinoid system in relation to the opportunities it holds for novel, therapeutic drug development.