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The Endocannabinoidome: A Pleiotropic Expanded Endocannabinoid System Controlling Cell Function

Guest Editor:

Dr. Vincenzo Di Marzo

1. Canada Excellence Research Chair on the Microbiome-Endocannabinoidome Axis in Metabolic Health, Université Laval, Québec City, QC G1V 0A6, Canada

2. National Research Council (CNR), Institute of Biomolecular Chemistry, Via Campi Flegrei 34, Comprensorio Olivetti, 80078 Pozzuoli, Naples, Italy

Deadline for manuscript submissions:

closed (1 December 2020)

Message from the Guest Editor

Dear Colleagues,

This Special Issue entitled “The Endocannabinoidome: A Pleiotropic Expanded Endocannabinoid System Controlling Cell Function” will include both reviews and experimental studies on the expanded endocannabinoid system, including endocannabinoids as well as their many biochemically, and often functionally, related mediators, and their several molecular targets, encompassing G protein-coupled receptors, ligand-activated membrane channels, and nuclear receptors. Previously established concepts, as well as emerging ideas, on the molecular and cellular biology of this complex “endocannabinoidome”, which are emblematic of its pleiotropic involvement in most physiological and pathological aspects of mammalian cell life, will be described by the authors. Special emphasis will be laid on endocannabinoid and endocannabinoidome function and dysfunction in: energy metabolism, the communication between the host cell and the gut microbiota, inflammation, and cancer.

Dr. Vincenzo Di Marzo

Guest Editor



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Special Issue



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Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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