



Synendos Therapeutics AG Co-Founder and SAB Member, Professor Jürg Gertsch, Presents Groundbreaking New Findings on an Endocannabinoid Transporter at Cannabinoid Research Conference

- **Professor Gertsch identifies novel transport mechanism and presents new information on mode of action as part of presentation entitled *'Identification of an Endocannabinoid Reuptake and Recycling Machinery'***
- **Presentation forms part of 10th Gordon Research Conference on *'Cannabinoid Function in the CNS'* held 16-21 July 2023 outside Barcelona, Spain**

BASEL, Switzerland – [18 July] 2023 – Synendos Therapeutics AG (Synendos), a world leader in innovative Endocannabinoid System (ECS) treatments, today announces that its co-founder and Scientific Advisor Board member, Professor Jürg Gertsch, last night presented new findings on the endocannabinoid transporter at the [10th Gordon Research Conference](#) on 'Cannabinoid Function in the CNS - Charting the Course to Novel Therapeutics from a Fundamental Understanding of Cannabinoid Neurobiology'.

Professor Gertsch's presentation, entitled *'Identification of an Endocannabinoid Reuptake and Recycling Machinery'*, which took place yesterday, 17 July 2023 at 7:00 pm CEST, provided for the first-time new insights into the novel transport mechanism that influences the balance of the ECS, a key neuromodulator system in the central nervous system (CNS) that plays a significant role in how the body responds to stress. In particular, Professor Gertsch presented key scientific results that led to the identification and characterization of the biological machinery responsible for endocannabinoid cell reuptake. He also provided scientific evidence for the interaction with selective endocannabinoid reuptake inhibitors (SERIs) and the relevance of targeting this biological process with SERIs to modulate synaptic activity in a unique manner within the ECS.

Synendos was founded to exploit the therapeutic potential of this novel mode of action and is developing SERIs as first-in-class inhibitors that modulate a newly identified drug target in the ECS. By rebalancing and restoring endogenous cannabinoid levels that are dysregulated in certain pathological conditions, this new mode of action has the potential to rebalance brain function in a holistic and pro-homeostatic way to treat neuropsychiatric disorders such as Post-Traumatic Stress Disorder (PTSD). The pioneering research performed by Professor Gertsch's team forms the basis of Synendos' approach and represents the most advanced therapeutic approach using this mode of action with clinical studies anticipated in the near future.

Dr Andrea Chicca, Co-Founder and CEO of Synendos, commented: "Professor Jürg Gertsch's groundbreaking findings, disclosed yesterday for the first time, are the culmination of more than a decade of research into an entirely new mechanism for the treatment of challenging neuropsychiatric conditions. With the support of Jürg and his research team, we look forward to exploiting the therapeutic potential that this new mode of action presents as we complete the necessary regulatory submissions needed to become a clinical stage company."

Contact:**Synendos Therapeutics AG**

Dr Andrea Chicca | Co-Founder & CEO/CSO

Email: info@synendos.com

Optimum Strategic Communications

Nick Bastin / Charlotte Hepburne-Scott / Eleanor Cooper

Tel: +44 (0) 203 922 0891

Email: synendos@optimumcomms.com

Notes to Editors:**About Synendos Therapeutics AG**

Synendos Therapeutics AG (Synendos) is a biopharmaceutical company developing first-in-class therapies to restore the healthy balance of brain physiology and meet the growing need for holistic and safe treatments for neuropsychiatric, neuroinflammatory and other Central Nervous System (CNS) disorders. A world leader in innovative Endocannabinoid System (ECS) treatments, Synendos is developing a new class of small molecules – selective endocannabinoid reuptake inhibitors (SERIs) – aimed at restoring the natural functioning of the ECS in the brain with the potential for treating a wide range of CNS disorders. Spun out of the University of Bern and incorporated in April 2019, the Company's novel technology stems from more than 10 years of solid research on endocannabinoid biology and pharmacology carried out by co-founders, Professor Jürg Gertsch and Dr. Andrea Chicca. For more information, please visit www.synendos.com.

About SERIs

Selective Endocannabinoid Reuptake Inhibitors (SERIs) are first-in-class endocannabinoid system modulators that mildly and selectively increase endogenous cannabinoids levels by inhibiting a newly identified drug target. SERIs act with a pro-homeostatic, self-limiting mechanism of action that enables a fine-tuned modulation of synaptic transmission in major neuronal circuits in the CNS. SERIs' new mode of action represents an innovative and potentially safer therapeutic approach to CNS disorders associated with anxiety, mood and stress-related conditions.