



How cannabis research revealed the Endocannabinoid System and its influence on homeostasis

Leading Australian Pharmacognosist and Educator, Justin Sinclair, to discuss Cannabis Phytochemistry and the Endocannabinoid System at A5M Conference

Medicinal cannabis, its use and benefits for illness and disease are still being appreciated, and with new legislation introduced in Australia to legalise the use and supply of medicinal cannabis means the spotlight is on the medical profession to see how this herbal medicine can treat chronic illness. Justin Sinclair, an Australian Pharmacognosist and Educator will share his insights at the upcoming A5M Medical Conference in Melbourne and present: Cannabis Phytochemistry and the Endocannabinoid System. For more than 15 years Justin's research and experience spans several scientific disciplines, including cultivation, botany, plant genetics, ethnopharmacology, and analytical phytochemistry. As coordinator for the Australian Medicinal Cannabis Research and Education Collaboration at NICM Health Research Institute, Western Sydney University, Sinclair is an advocate for medicinal cannabis research and believes worldwide studies have proven medicinal cannabis has provided patients with significant health benefits. "In countries where cannabis is legal, where they have a standardised medical supply of cannabis, the majority of patients are utilising it to treat chronic pain. Studies have shown benefits for many other illnesses, such as intractable epilepsy (non-responsive to normal modern pharmacological treatment), and evidence from overseas countries has demonstrated that medicinal cannabis may reduce spasticity in multiple sclerosis, amongst other illnesses. "Years of research has discovered a broad ranging neuro-modulatory system involved in most facets of homeostasis. This system is known as the Endocannabinoid System and was revealed only through research conducted on the Cannabis genus," acknowledged Mr Sinclair. Sinclair believes that this is one of the greatest scientific discoveries in the last 50 years, with ongoing research into the endocannabinoid system likely to elucidate our understanding of various human diseases, with existing research suggesting that the endocannabinoid system is one of the primary regulators of homeostasis in the body. Speaking at the A5M Medical Conference in Melbourne, Mr Sinclair will discuss the discovery of the Endocannabinoid System (ECS) with a focus on receptors, ligands and enzymes that are involved in this modulator of homeostasis within the body. The 12th Annual A5M Anti-Ageing & Aesthetic Conference will take place on Saturday 4 and Sunday 5 August 2018 delivering cutting-edge research into this new frontier at Sofitel Melbourne on Collins, with a Preconference Workshop on Friday, 3 August 2018. To register for the Conference, visit: www.a5m.net Western Sydney University's NICM Health Research Institute (NICM) is Australia's leader in integrative and complementary medicine research and policy. As an ERA 5 ranking institute, NICM is globally recognised for its world-class research and innovations in integrative and complementary medicine. An initiative of NICM, the Australian Medicinal Cannabis Research and Education Collaboration (AMCREC) brings together a highly skilled transdisciplinary team and state-of-the-art facilities, providing a platform for high-quality, independent research, education and consultancy services in medicinal cannabis. For more information about NICM Health Research Institute, visit: www.nicm.edu.au Hashtag: #A5MConf18 - ENDS - - ENDS - Media Contacts: For further information, images, interviews or industry commentary, please contact: Debbie Bradley, Group Account Director | +61 2 9212 7867 | debbie@zadroagency.com.au Julie Donovan, Senior Account Manager | +61 2 9212 7867 | julie@zadroagency.com.au Notes to editor: The AustralAsian Academy of Anti-Ageing Medicine (A5M) is committed to providing medical practitioners, pharmacists and allied health professionals with support and education about the latest evidence-based methods to improve patient outcomes as they age - both internal and external. A5M is currently about to celebrate its 12th Annual Conference, one of the longest running conferences of its kind, which will take place on Saturday 4th and Sunday 5th August at Sofitel Melbourne on Collins For more information on A5M visit: www.A5M.net Connect through social media channels: Facebook: /A5Meducation Twitter: /A5Meducation LinkedIn: /A5M

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