



ASX ANNOUNCEMENT

Actinogen appoints Dr Dana Hilt as Chief Medical Officer

Sydney, 01 February 2023. Actinogen Medical ASX: ACW (“ACW” or “the Company”) is pleased to announce that it has appointed US-based Dr Dana Hilt as Chief Medical Officer (CMO), effective today. Dr Hilt assumes the CMO role from Professor Paul Rolan who will continue with the Company as Head of Clinical Pharmacology and Lead Physician, Depression.

Dr Dana C. Hilt MD has more than 25 years of drug development experience, primarily of Central Nervous System (CNS) drugs. Dr Hilt has extensive experience in Phases 1 to 4 of development for conditions including Alzheimer’s disease, depression, Parkinson’s disease, amyotrophic lateral sclerosis (ALS), multiple sclerosis, schizophrenia, and other non-CNS conditions including CNS malignancies.

Dr Hilt was most recently the Chief Medical Officer at Frequency Therapeutics and has held senior development and management positions as Chief Medical Officer at several pharmaceutical companies, including Lysosomal Therapeutics, Guilford Pharmaceuticals, Ascend Pharmaceuticals, and Critical Therapeutics. Prior to that, Dr Hilt worked with Amgen, establishing a Clinical Neuroscience Group that focused on the potential therapeutic applications of neurotrophic factors in degenerative neurologic diseases such as Parkinson’s disease.

Dr Hilt gained his medical degree from Tufts University School of Medicine in Boston and trained in internal medicine at Harvard Medical School and Neurology at the Johns Hopkins Hospital. He has held academic neurology positions at the University of Maryland and University of Southern California where he conducted molecular biological research, taught clinical neurology and basic neurobiology, and cared for patients with neurodegenerative conditions such as Alzheimer’s disease, Parkinson’s disease, and ALS.

Professor Paul Rolan MD is a clinical pharmacologist, internal medicine and pain management specialist and one of Australia’s most experienced clinical trial investigators and drug developers. He has extensive expertise in the development of medicines as principal investigator in more than 750 early phase proof-of-concept, clinical pharmacology, drug interaction and special patient groups studies.

Professor Rolan continues to play a pivotal role in the XanaCIDD Phase 2 Depression clinical trial that measures the effects of Xanamem® on safety, cognitive performance and depression in patients who are inadequately treated by their anti-depressant medication and have both depressive symptoms and cognitive impairment.

Dr Steven Gourlay, Actinogen’s CEO and MD, said:

“We are delighted to welcome Dr Dana Hilt to our leadership team as Actinogen’s Chief Medical Officer. US-based Dr Hilt brings world-leading expertise and experience to the role as an eminent neurologist and a clinical trial specialist in Alzheimer’s disease, depression and other neurologic and neuropsychiatric diseases. We are

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also delighted that Professor Paul Rolan will continue to provide expert supervision for our clinical pharmacology and depression programs and thank him for his significant contributions to the Company over the past year as CMO.

Xanamem[®] has the potential to be an effective low-dose daily oral therapy for the treatment Alzheimer's disease, depression and many other neurological conditions where it may be used alone or in combination with other treatments. Xanamem has already been proven to enhance cognition in three independent clinical trials with safety demonstrated in more than 300 patients and volunteers to date."

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Announcement authorised by the Board of Directors of Actinogen Medical

About Actinogen Medical

Actinogen Medical (ACW) is an ASX-listed, biotechnology company developing a novel therapy for neurological and neuropsychiatric diseases associated with dysregulated brain cortisol. There is a strong association between cortisol and detrimental changes in the brain, affecting cognitive function, harm to brain cells and long-term cognitive health.

Cognitive function means how a person understands, remembers and thinks clearly. Cognitive functions include memory, attention, reasoning, awareness and decision-making.

Actinogen is currently developing its lead compound, Xanamem,[®] as a promising new therapy for Alzheimer's Disease and Depression and hopes to study Fragile X Syndrome and other neurological and psychiatric diseases in the future. Reducing cortisol inside brain cells could have a positive impact in these and many other diseases. The cognitive dysfunction, behavioural abnormalities, and neuropsychological burden associated with these conditions is debilitating for patients, and there is a substantial unmet medical need for new and improved treatments.

About Xanamem

Xanamem's novel mechanism of action is to block the production of cortisol inside cells through the inhibition of the 11 β -HSD1 enzyme in the brain. Xanamem is designed to get into the brain after it is absorbed in the intestines upon swallowing its capsule.

Chronically elevated cortisol is associated with cognitive decline in Alzheimer's Disease, and Xanamem has shown the ability to enhance cognition in healthy, older volunteers. Cognitive impairment is also a feature in Depression and many other diseases. Cortisol itself is also associated with depressive symptoms and when targeted via other mechanisms has shown some promise in prior clinical trials.

The Company has studied 11 β -HSD1 inhibition by Xanamem in more than 300 volunteers and patients, so far finding a statistically significant improvement in working memory and attention, compared with placebo, in healthy, older volunteers

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in two consecutive trials and clinically significant improvements in patients with biomarker-positive mild AD. Previously, high levels of target engagement in the brain with doses as low as 5 mg daily have been demonstrated in a human PET imaging study. A series of Phase 2 studies in multiple diseases is being conducted to further confirm and characterize Xanamem's therapeutic potential.

Xanamem is an investigational product and is not approved for use outside of a clinical trial by the FDA or by any global regulatory authority. Xanamem® is a trademark of Actinogen Medical.

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ACTINOGEN MEDICAL ENCOURAGES ALL CURRENT INVESTORS TO GO PAPERLESS BY REGISTERING THEIR DETAILS WITH THE DESIGNATED REGISTRY SERVICE PROVIDER, AUTOMIC GROUP.