



ASX ANNOUNCEMENT

ACW CEO to present at Spark Plus Australian Equities Day 28 July 2022

Sydney, 25 July 2022. Actinogen Medical ASX: ACW (“ACW” or “the Company”) is pleased to announce that CEO Dr Steven Gourlay will be presenting at the Spark Plus Australian Equities Day this Thursday 28 July 2022 at 10:45 am AWST / 12:45 pm AEST.

Key Highlights

- Excellent clinical safety demonstrated in more than 300 people studied to date
- Identical pattern of clinical activity on cognition in two independent, placebo-controlled clinical trials to improve working memory and attention
- Phase 2 trials commencing in patients with the early stages of Alzheimer’s Disease and Cognitive Impairment in Depression.

The event will be presented live via Zoom with a Q&A opportunity following a 15-minute presentation.

Event registration: https://us02web.zoom.us/webinar/register/9416572536299/WN_WIYGMV34TyaX6vzu7W9E4g

A copy of Dr Gourlay’s conference presentation will be published on the ASX platform prior to the event.

ACW Clinical Trials Science Forum reminder

The Company also reminds investors and analysts that it will be holding its ***Clinical Trials Science Forum*** via webcast on **Wednesday 3 August 2022**.

Following the Science is fundamental to all Actinogen’s activities and the key theme of the Forum. The webcast is designed for a broad audience and will explore in more depth the science behind Xanamem® and ACW’s clinical trial program including:

- Xanamem’s pharmacology
- Measuring Xanamem’s effects on cognition and depression with suitable, sensitive endpoints
- Designing, conducting and analysing optimized clinical trials.

The Forum will also summarize the clinical data gathered so far on more than 300 healthy volunteers and patients treated and outline in more detail the designs for the upcoming Phase 2 trials in patients with Alzheimer’s Disease and Cognitive Impairment in Depression (Major Depressive Disorder).

Presenters will include world-leading authorities on cognition trials and key senior members of the Actinogen management team.

Please refer to the Company’s announcement on 21 July 2022 for more details. To pre-register for the Forum, visit the Actinogen website www.actinogen.com.au.

® Xanamem is a registered trademark of Actinogen Medical Limited.

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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 in two consecutive trials. 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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