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SSS025-P05

会場:コンベンションホール

時間: 5月25日17:15-18:45

地震の前のマウスの概日リズムの変化-2008年四川地震と1995年神戸地震-

Mice circadian rhythms before large earthquakes: Wenchuan EQ in 2008 and Kobe EQ in 1995

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Legends of macro-anomalies before large earthquakes have been passed on for generations in Asia. Most of the statements on earthquake precursors are considered unreliable afterthoughts by traditional scientists.

However, disturbed biological rhythms in mice were observed before the Wenchuan earthquake in 2008 (Li et al, 2009). This phenomenon is similar to one before the Kobe EQ in 1995 (Yokoi et al, 2003). I will discuss this phenomena as one example of preseismic unusual animal behaviors.