



A possible biological mechanism of preseismic unusual animal behaviors: analyzing statements of macroanomalies before the Kobe EQ in 1995

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Many statements of macroanomalies such as animals, clouds and electric appliances were collected by lay citizen after the Kobe earthquake in 1995. Although electromagnetic pulses, charged aerosol and ferromagnetic biominerals are proposed as a reason of preseismic unusual animal behaviors, it is still insufficient to explain its biological mechanism. We studied about a disturbed circadian rhythm of mouse before the Kobe earthquake in 1995 recorded at Institute for Protein Research, Osaka University in Japan, and indicated that mice exposed with electromagnetic pulses showed unusual behaviors. Moreover, other statements of animal behaviors before the Kobe EQ were analyzed. In this presentation, relationships between human diseases before the Kobe EQ and preseismic electromagnetic pulses will be showed and discussed with a possible mechanism of unusual animal behaviors.