

# Activity-dependent gene expression and cognitive function

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Place: Lecture room 2, Medical Education & Library Building 3F  
医学教育図書棟3階 第2講義室

**\*This seminar will be held in a face-to-face.  
/今回のセミナーは対面形式で開催されます。**

## Abstract

Our brains have ability to store what we experienced or learned for a long period of time as memory. It has been shown that new gene expression after learning is critical for formation of long-term memory and its maintenance. However, how such activity-dependent gene expression orchestrates neural systems for memory as well as other types of cognitive function have not yet understood clearly. In this talk, I will summarize and introduce recent topics about roles of activity-dependent gene expression in the brain.

- ◆ Inviter: Prof. TAKEBAYASHI Minoru (Neuropsychiatry) / 竹林 実 教授 (神経精神医学)
- ◆ Essay/レポート宛先 (To Prof. TAKEBAYASHI) : [mtakebayashi@kumamoto-u.ac.jp](mailto:mtakebayashi@kumamoto-u.ac.jp)
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