

# 薬学領域生物学

## Biology Domain of Pharmacy

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### ◆ 研究概要

自己/非自己認識の細胞生物学的機構および認識に伴う細胞内シグナル伝達機構の解析. 天然物由来成分の抗腫瘍・抗アレルギー効果の解析.

### ◆ 原著

- 1) Kageyama-Yahara N., Wanga X., Katagiri T., Wang P., Yamamoto T., Tominaga M., and Kadowaki M. : Suppression of phospholipase C  $\gamma$  1 phosphorylation by cinnamaldehyde inhibits antigen-induced extracellular calcium influx and degranulation in mucosal mast cells. *Biochemical and Biophysical Research Communications.*, 416: 283-288, 2011.

### ◆ 学会報告

- 1) Katagiri T., Fukasawa K., and Muraguchi A. : A role of protein tyrosine phosphatase CD45 in anti-tumor macrophage activation. *The 40th Annual Meeting of the Japanese Society for Immunology*, 2011, 11, 27-29, Chiba.