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**BIOCHEMISTRY  
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CELL  
BIOTECHNOLOGY**

*JB Minireviews—Lipid Signaling*

**Phosphoinositide 3-Kinases in Immunity**

Takehiko Sasaki, Akira Suzuki, Junko Sasaki *et al.*

**Phosphoinositide Kinases**

Yasunori Kanaho and Teruhiko Suzuki

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