



**NEWS RELEASE**



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resonance

\*1

			resonance
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hyperpolarization-activated cyclic nucleotide-gated channel 1			HCN1
*2	Ca <sup>2+</sup>	*3	Cav3.1

Ionic basis for membrane potential resonance in neurons of the inferior olive

Yoshiko Matsumoto-Makidono, Hisako Nakayama, Miwako Yamasaki, Taisuke Miyazaki, Kazuto Kobayashi, Masahiko Watanabe, Masanobu Kano, Kenji Sakimura, and Kouichi Hashimoto

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<http://dx.doi.org/10.1016/j.celrep.2016.06.053>

resonance

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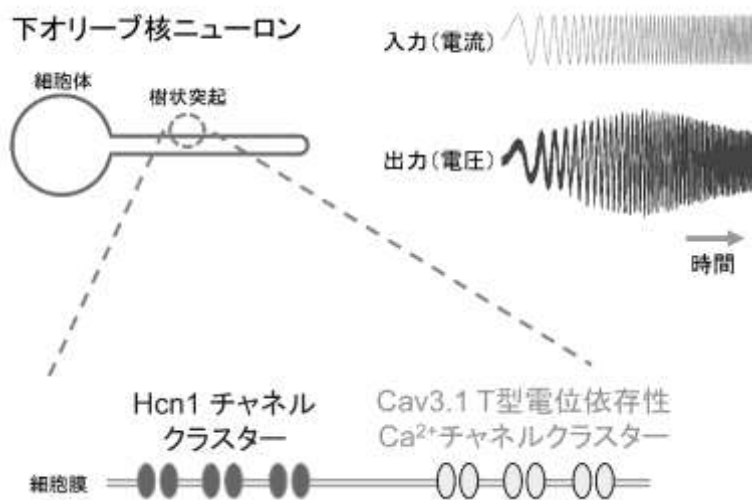
\*2 hyperpolarization-activated cyclic nucleotide-gated channel 1  
HCN1

\*3  $Ca^{2+}$

$Ca^{2+}$

\*4 Erwin Neher Bert Sakmann

【参考図】



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