

研究業績リスト

【原著論文】

Transient receptor potential vanilloid 4 channels contribute to the initiation of water-induced swallowing reflexes

Mohammad Zakir Hossain, Hiroshi Ando, Rita Rani Roy, Junichi Kitagawa

Scientific Reports 16(1) 2026 年 査読有り

Purinergic Signaling in Swallowing Reflex Initiation: Mechanisms and Therapeutic Implications for Oropharyngeal Dysphagia—A Narrative Review

Junrong Qi, Mohammad Zakir Hossain, Hiroshi Ando, Rita Rani Roy, Junichi Kitagawa

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Topical ATP application in the peripheral swallowing-related regions facilitates triggering of the swallowing reflex involving P2×3 receptors

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Transient receptor potential channels as an emerging therapeutic target for oropharyngeal dysphagia

Mohammad Zakir Hossain, Junichi Kitagawa

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Pharmacological activation of transient receptor potential vanilloid 4 promotes triggering of the swallowing reflex in rats

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Attenuation of allodynia and microglial reactivity by inhibiting the degradation of 2-arachidonoylglycerol following injury to the trigeminal nerve in mice

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TRPA1s act as chemosensors but not as cold sensors or mechanosensors to trigger the swallowing reflex in rats

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Targeting Chemosensitive Channels for Dysphagia

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Targeting Peripherally Restricted Cannabinoid Receptor 1, Cannabinoid Receptor 2, and Endocannabinoid-Degrading Enzymes for the Treatment of Neuropathic Pain Including Neuropathic Orofacial Pain

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