

# Kotaro Hirano

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Homepage: <https://w3pharm.u-shizuoka-ken.ac.jp/physiol/>

Researchmap: <https://researchmap.jp/kotarohirano?lang=en>

## Education

Doctor of Engineering, Kyoto University, Kyoto, Japan 2023

Master of Engineering, Kyoto University, Kyoto, Japan 2020

Bachelor of Engineering, Kyoto University, Kyoto, Japan 2018

## Employment

2023-Present

Project Assistant Professor, School of Pharmaceutical Sciences, University of Shizuoka

2021 - 2023

Visiting Researcher, School of Pharmaceutical Sciences, University of Shizuoka

2020 - 2023

JSPS Research Fellowship for Young Scientists DC1, Graduate School of Engineering, Kyoto University

2018

Internship program of Japanese Ministry of Foreign Affairs, Cancer Center, Wistar Institute

## Books

筋肉研究最前線：代謝メカニズム、栄養、老化・疾病予防、科学的トレーニング法

森谷, 敏夫 (Role: Joint author, 第3節 成体における骨格筋線維再生のメカニズム)

エヌ・ティー・エス, Sep, 2019 (ISBN: 9784860436155)

## **Journal Article**

The mechanosensitive ion channel PIEZO1 promotes satellite cell function in muscle regeneration.

Kotaro Hirano, Masaki Tsuchiya, Akifumi Shiomi, Seiji Takabayashi, Miki Suzuki, Yudai Ishikawa, Yuya Kawano, Yutaka Takabayashi, Kaori Nishikawa, Kohjiro Nagao, Eiji Umemoto, Yasuo Kitajima, Yusuke Ono, Keiko Nonomura, Hirofumi Shintaku, Yasuo Mori, Masato Umeda, Yuji Hara

Life science alliance, 6(2), Nov, 2022

## **Awards**

Dec, 2022 Student Presentation Award, The Biophysical Society of Japan

Sep, 2022 Best Presentation Award, Pharma Bio forum

Dec, 2019 Student Presentation Award, Japan Muscle Society

Nov, 2019 Student Presentation Award, The Japanese Pharmacological Society

Sep, 2019 Student Presentation Award, The Japanese Biochemical Society

Aug, 2019 Student Presentation Award, Japan Muscle Society

May, 2019 Student Presentation Award, The Japanese Biochemical Society

Aug, 2018 Student Encouragement Award, Japan Muscle Society