

Know the *BJ* Editor



Ryota Iino

Ryota Iino

Institute for Molecular Science
Editor, Molecular Machines, Motors,
and Nanoscale Biophysics

Biophysical Journal

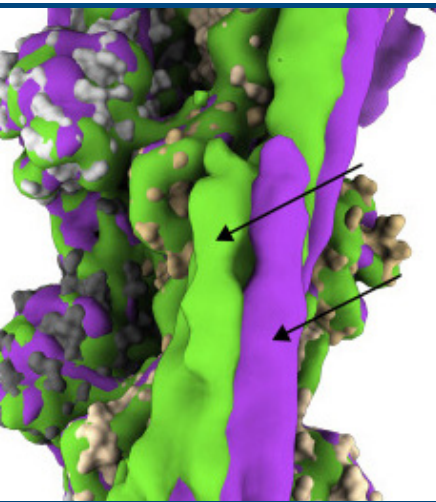
What are you currently working on that excites you?

I am a single-molecule biophysicist who loves protein molecular motors and molecular machines. I am currently involved in a government-funded "Molecular Engine" initiative in Japan (<http://www.molecular-engine.bio.titech.ac.jp/eng/index.html>; Iino et al., Chem. Rev. 2020, 120, 1, 1–4). This is an interdisciplinary network of researchers with diverse backgrounds such as synthetic chemistry, single-molecule biophysics, structural

biology, non-equilibrium statistical physics, and molecular and mathematical simulations. The goal of this initiative is to understand the common operational and design principles of biological and synthetic molecular machines. As expressed in the famous words by *Richard Feynman*, "What I cannot create, I do not understand." I would like to create non-natural autonomous molecular machines and molecular machine systems capable of interconversion of various forms of energy via mechanical motions. I also would like to extend our research network to all over the world including the United States.

How do you stay on top of all the latest developments in your field?

I have been using Twitter for more than 10 years. It has been very helpful for me to follow new results in my field of research as well as other related areas of biophysics. I have my own account (@ryotaiino) and it has been very helpful in widely promoting our new results and introducing exciting results by other groups. I enjoy being able to connect with outstanding researchers in the world, even if I have never met them in person.



BJ Editor's Pick

Biophysical Perspective

Troponin Revealed: Uncovering the Structure of the Thin Filament On-Off Switch in Striated Muscle

Larry S. Tobacman

"A new era has arrived for investigation of the thin filament and for functional understandings that increasingly accommodate the recent structural results."

Published November 19, 2020

DOI:<https://doi.org/10.1016/j.bpj.2020.11.014>

Biophysical Reports Welcomes Editorial Board

BPS, along with Editor-in-Chief *Jörg Enderlein*, welcome the following members of the *Biophysical Reports* Editorial Board.

Erdinc Sezgin

Karolinska Institutet
Stockholm, Sweden

Ulrike Endesfelder

Carnegie Mellon University
Pittsburgh, PA, USA

Hagen Hofmann

Weizmann Institute of Science
Rehovot, Israel

Steve Granick

Center for Soft and Living Matter
Ulsan, South Korea

Alexandra Ros

Arizona State University
Tempe, Arizona, USA

Dmitrii E. Makarov

University of Texas at Austin
Austin, TX, USA

Aleksandra Radenovic

Swiss Federal Institute of
Technology in Lausanne
Lausanne, Switzerland

Yuval Ebanstein

Tel-Aviv University
Tel Aviv, Israel