



WEIZMANN  
INSTITUTE  
OF SCIENCE

Faculty of Biochemistry  
הפקולטה לביינכימיה

## Exciting Postdoctoral Opportunity in Membrane Remodeling and Skeletal Muscle Cell Biology

Are you passionate about unraveling the secrets of skeletal muscle cell biology and their remarkable regenerative capacity? Are you eager to work in a cutting-edge and inspiring research environment? If so, we invite you to join the Membrane Remodeling Lab, led by Ori Avinoam, as a Postdoctoral researcher!

### Who we are:

The Membrane Remodeling Lab focuses on understanding membrane remodeling at the molecular level and its contribution to health and disease. Our overarching goal is to contribute to the fundamental mechanistic understanding of how membrane remodeling shapes biological complexity and gain new insights into the critical roles of membrane trafficking and fusion in development, physiology, and disease. This focus has led us to develop and utilize a unique, cutting-edge interdisciplinary approach that drives methodological and conceptual advancements to study the cell biology of skeletal muscle differentiation, fusion, and the regenerative processes that drive their repair and growth.

We take a multimodal imaging approach, combining several advanced imaging techniques, including Corrective Light and Electron Microscopy (CLEM), to visualize the dynamic structural changes that support skeletal muscle cell biology at unprecedented resolution. We combine these imaging tools with biochemistry and genetics to gain insights into the molecular mechanisms of membrane remodeling. The Lab provides a collaborative and supportive research environment where innovation and creativity are encouraged. You will have the opportunity to work closely with an interdisciplinary and multi-national team of dedicated researchers and collaborate with leading experts in the field.

The Weizmann Institute is a vibrant research community that emphasizes diversity and inclusion. Learn more on the International Office website:

<https://www.weizmann.ac.il/InternationalOffice/>

Visit our lab website: [https://www.weizmann.ac.il/Biomolecular\\_Sciences/Avinoam/](https://www.weizmann.ac.il/Biomolecular_Sciences/Avinoam/)

### We are looking for an independent and driven candidate to join our team.

The position offered is a full-time, fully funded position.

Candidate should have:

- A Ph.D. in cell biology, molecular biology, biochemistry, or a related field.
- A strong background in mammalian or muscle cell biology and a keen interest in tissue morphogenesis.
- Good communication skills in spoken and written English.
- Experience in advanced microscopy techniques will be highly advantageous.

**To apply:** Please send your CV, a summary of current work, a statement of research interests, and contact information for 2-3 references to [ori.avinoam@weizmann.ac.il](mailto:ori.avinoam@weizmann.ac.il). Review of applications will begin immediately and continue until the position is filled.

