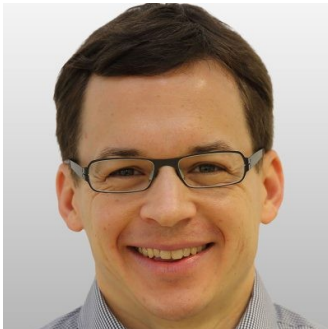


BIOPHYSICS NEWS

BIOPHYSICS AUSTRIA



Sandro Keller

Vice-President of Biophysics Austria
University of Graz
Institute of Molecular Biosciences

Dear Colleagues and Friends of Biophysics Austria,

We are delighted to announce that the biennial conference of Biophysics Austria will take place on 6–8 July 2026 in Salzburg, and we warmly invite you to join us.

This year's conference, held under the theme "Biophysics in Motion: From Single Molecules to Living Systems", reflects the breadth and vitality of our field. Biophysics has never been more central to the life sciences: quantitative, physics-based approaches are reshaping how we understand biological processes from the atomistic to the organismic scale, and the boundaries between computational modeling, structural biology, membrane biophysics, and live-cell imaging continue to blur in productive ways. Our program is designed to capture this momentum, with eight dedicated sessions spanning computational biophysics, biomolecular structure and dynamics, single-molecule methods, lipids and membranes, channels and transporters, advanced microscopy, and cellular biophysics.

Beyond the talks, the conference offers what we value most: time and space for exchange. Two dedicated poster sessions—each preceded by poster flash talks—provide an ideal forum for presenting your own work and discovering what your colleagues are up to. The social program on Tuesday afternoon, included in the conference fee, offers a choice of a guided historical city walk, a tour through Salzburg's rich musical heritage from Mozart to the present, or a hike up the Gaisberg, the city's house mountain. Tuesday evening also hosts the General Assembly of Biophysics Austria, to which all members are of course warmly welcome.

Early-bird registration and abstract submission are open until 30 April 2026. The registration fee covers all meals, coffee breaks, and the social program. Biophysics Austria members benefit from reduced fees; if you are not yet a member, this is a good moment to consider joining. A poster award will recognize outstanding contributions from early-career researchers.

We look forward to seeing you in Salzburg.

Sandro Keller

on behalf of the Organizing Committee



BIOPHYSICS AUSTRIA CONFERENCE 2026



Register Now!

Important Dates

- Early Bird Registration: until 30.04.2026
- Abstract Submission Deadline: 30.04.2026

Registration

The registration includes the conference fee, all meals including coffee breaks, the social program on Tuesday afternoon. Make use of our Early Bird Offers! <https://www.biophysics-austria.com/conference26/>

Poster Award

Biophysics Austria will present four poster awards (two per poster session) to recognize outstanding research presentations by early-career scientists (up to and including postdoctoral researchers). Each award is endowed with €200. Posters will be evaluated based on scientific quality, clarity of presentation, and the presenter's ability to communicate their research effectively during the poster sessions. We encourage all PhD students and postdocs to submit abstracts and compete for these awards.

Sponsoring & Exhibition

We are working to organize an interesting and complementary industry exhibition. If you know partners in the field who might be interested in coming to Salzburg to present their products and innovations, we would greatly appreciate your information or a direct introduction. Please feel free to contact us at ramcon@biophysics-austria.com.

Accommodation

Biophysics Austria has reserved an allotment of rooms at St. Virgil Bildungshaus for the participants. Availability on a first-come first-serve basis. A ticket for public transport in Salzburg is included in the room rate.

Please contact and book directly by email to reservierung@virgil.at and use the code Biophysics Austria Conference 2026.

Follow us on LinkedIn!

<https://www.linkedin.com/company/biophysics-austria/>

Visit our conference website:

<https://www.biophysics-austria.com/conference26/>



15 fully funded PhD Positions at the Medical University of Graz in the Doctoral Program “TRP-Mediated Cation Signaling Pathways”

By Rainer Schindl

At the Medical University of Graz, several research laboratories have long been investigating electrophysiological processes across different organ systems. Four years ago, these groups joined forces and decided to apply for a collaborative doctoral school funded by the Austrian Science Fund (FWF), with strong institutional support from the Medical University of Graz. From the first meeting, the participating scientists agreed to focus in this program on TRP channels, aiming to understand their roles in disease-related pathophysiological processes across multiple organ systems. With the approval of this PhD school, this initiative now creates a unique training opportunity for PhD candidates in biophysics and related research fields.

TRP ion channels regulate the transport of calcium and sodium into cells and are therefore essential for many physiological processes. However, mutations or dysfunction in these channels can lead to a wide range of diseases – from pulmonary hypertension and heart disease to disorders of brain development.

A key feature of this PhD program is its innovative methodological approach. The PhD students will employ light-controlled molecules, advanced biosensors, and computational models with high precision to investigate how dysfunctional cellular signaling emerges and progresses into complex diseases. Through this interdisciplinary framework, the program at the Medical University of Graz aims to uncover fundamental insights into disease mechanisms in the lung, heart, and brain.

More information, including descriptions of all 15 PhD projects, is available on our website: <https://TRPC.at> If you know potential candidates, please feel free to share this announcement. Interested applicants are invited to apply by March 22, 2026 via our application portal: <https://phd-recruiting.medunigraz.at/>



BIOPHYSICS AUSTRIA

Upcoming Events

11th Regional Biophysics Conference, Belgrade
June 1-4, 2026

Biophysics Austria Conference
July 6–8, 2026
St. Virgil Education Center,
Salzburg

18th ÖGMBT Annual Meeting
September 14-17, 2026
Vienna Bio Center

EBSA 2027
September 5-9, 2027
Berlin

Benefits for Members

Newsletter
Biennial Meeting
Reduced Conference Fees
Platform for networking
Free EBSA and IUPAB
Membership
Compilation of job offers
in biophysics

Be part of it, join our community
and register now and here:

www.biophysics-austria.com

Imprint

Österreichische Biophysikalische Gesellschaft
www.biophysics-austria.com
Tel: : +43 316 385 71532
Email: secretary-general@biophysics-austria.at

Photo Credits:
Biophysics Austria
Carolyn Vargas
Tourismus Salzburg,
Breitegger Günter
St. Virgil

Newsletter created by
www.ramcon.at -
Association Management