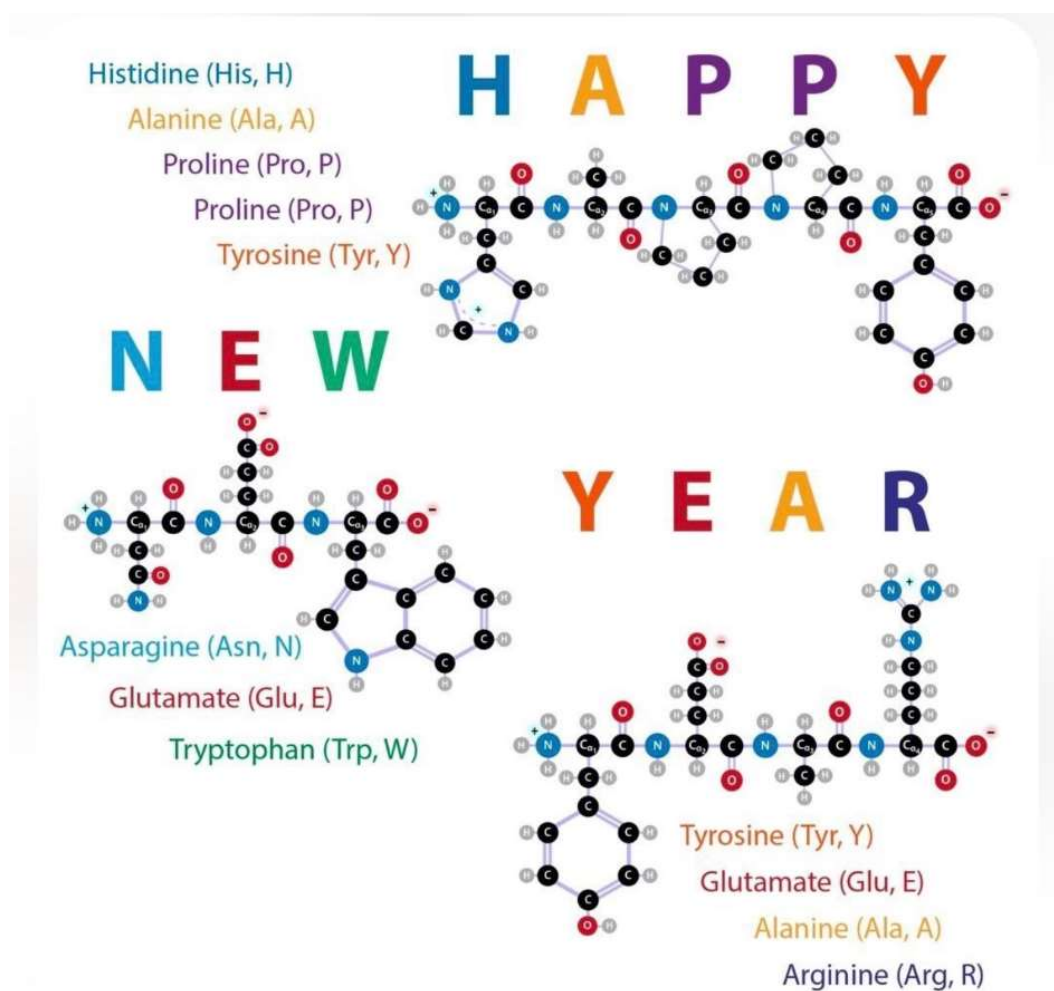


[View this email in your browser](#)



## 2023 JANUARY NEWS



**HAPPY NEW YEAR**

**to all the trainees, researchers and educators around the world!**

## IUBMB TRAINEE INITIATIVE

**IUBMB  
TRAINEE INITIATIVE  
LEADERSHIP COMMITTEE**



Cathy Cozma is an MSc student in the interdisciplinary Oncology Program at BC Cancer Research Center in Vancouver. Her work focuses on finding druggable DNA damage proteins in Dr. Peter Stirling's lab. She hopes to improve accessibility to science education for all and increase engagement of trainees with various professional development initiatives world-wide.

**Cathy Cozma • MSc Student • Canada • PABMB Region**

We are pleased to welcome MSc student Cathy Cozma from the PABMB Region to our Leadership Committee!

**IUBMB  
TRAINEE INITIATIVE  
LEADERSHIP COMMITTEE**



Mihaela Jovanović graduated medical biochemistry in 2022 and is currently working at the Clinical Department of Laboratory Diagnostics at University Hospital Dubrava, Zagreb. She also collaborates with the Centre for Research and Knowledge Transfer in Biotechnology working with analytical biochemistry techniques such as HPLC. Her goal is to combine her two passions: clinical and research laboratory work to promote modern personalized medicine. She is passionate about bringing the clinic to scientists and vice versa and hopes to inspire young biochemists to be imaginative as researchers and practical as clinicians.

**Mihaela Jovanović • MSc Student • Croatia • FEBS Region**

We are pleased to welcome MSc student Mihaela Jovanović from the FEBS Region to our Leadership Committee!



Trainee  
Initiative

# EXPLAIN IT TO ME LIKE I'M 5

## WIDENING THE SCOPE OF SCIENCE COMMUNICATION



**Tuesday, January 24th**



**4pm London time (8am PST)**

### OUR WEBINAR'S FOCUS:

Why is it important for scientists to communicate with the public (and each other)? And how do we translate science to a broader audience?



**Dr. Mark Roberts**



department of  
**BIOCHEMISTRY**



**Dr. Julius Wesche**

**SCICOM**  
science communication  
accelerator

**REGISTER NOW**

<https://tinyurl.com/iubmbscicom>



Are you interested in science communication? Learn about public engagement and science communication via social media at our next event - "Explain it to me like I'm 5:

Widening the scope of science communication" on

**\*\* Tuesday, January 24th at 4:00 pm London time! \*\***

**Register Now for Free!**

## UPCOMING IUBMB DEADLINES



**PROLAB** allows Latin American graduate students and postdoctoral fellows to spend up to six months in U.S. or Canadian laboratories. PROLAB is a joint venture among PABMB, IUBMB, and ASBMB.

**Deadline: February 24th at 11:59 pm Eastern**

19-23 September 2027

BIOCHEMICAL AND MOLECULAR  
INNOVATION FOR A SUSTAINABLE WORLD  
**27th IUBMB Congress**



**CAPE TOWN**  
SOUTH AFRICA  
an inspiring place to meet



Federation of African Societies of Biochemistry and Molecular Biology  
Fédération des Sociétés Africaines de Biochimie et de Biologie Moléculaire



**2030 IUBMB CONGRESS  
CALL FOR APPLICATIONS**

**DEADLINE APRIL 14, 2023**

Congresses provide unique occasions for expert review of international advances at the cutting edge of biochemistry and molecular biology, and are held triennially in countries that are members of the Union.

2022 - 25th IUBMB Congress, Lisbon, Portugal  
2024 - 26th IUBMB Congress, Melbourne, Australia  
2027 - 27th IUBMB Congress, Cape Town, South Africa  
2030 - soliciting applications



Triennial IUBMB Congresses are held in member countries of IUBMB - Lisbon, Portugal (2022), Melbourne, Australia (2024), and Cape Town, South Africa (2027). Where will 2030 take us?

Accepting applications for 2030: <https://bit.ly/3TkZBaP>

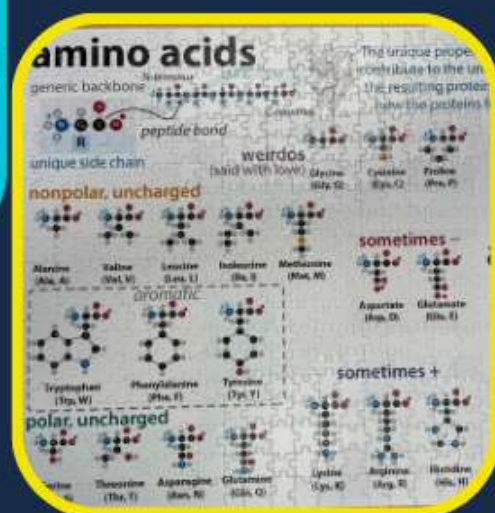




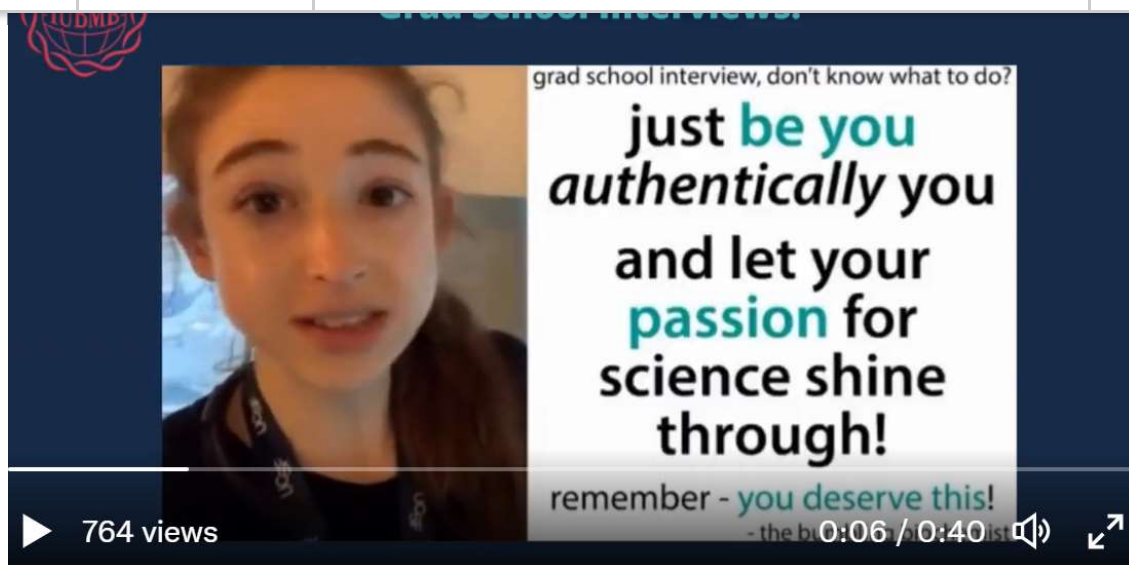
## Bri-fing from the Bench

### Congratulations Jubilee Cabellon

### #KnowYourAminoAcids Quiz winner

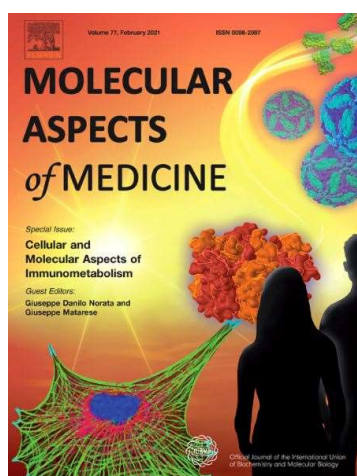


Jubilee is a 2nd grad student in the Department of Chemistry & Biochemistry at UCSD. She tells us that since she hopes to one day participate in the design of a plastic degrading enzyme, she needs to know the amino acids for site-directed mutagenesis and directed evolution. We wish her much success in her research!



**IUBMB**  
**Journals**

[Read more on Journal Highlights](#)



**Volume 91 (June 2023) 101053**

[Phenotypic screening models for rapid diagnosis of genetic variants and discovery of personalized therapeutics](#)

by Christopher E. Hopkins, Trisha Brock, Thomas R. Caulfield, Matthew Bainbridge

# Aspects of Molecular Medicine



Meet the Editor-in-Chief:  
**Angelo Azzi, MD, PhD**  
Tufts University, USA



[Learn more](#)



[Meet the Editor-in-Chief of Aspects of Molecular Medicine](#) – the new complementary open access sister journal of Molecular Aspects of Medicine.

## UPCOMING MEETINGS

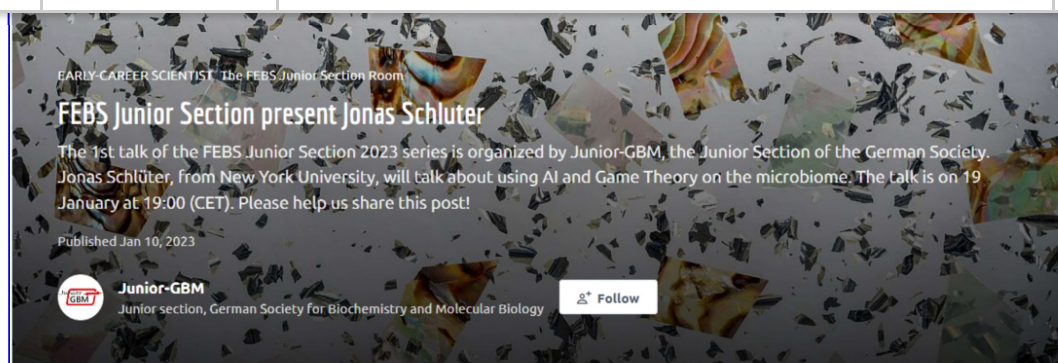


**JAN 18:** Late-breaking abstract submission deadline

**JAN 31:** Early bird registration deadline

**MAR 23:** Regular registration deadline | **MAR 24:** On-site registration

[Meeting details](#)



### FEBS Junior Sections initiative



The focus of this talk is on the microbiome and its interactions within bacterial communities and with the host. Jonas Schlüter's lab investigates large clinical data sets based on machine learning and AI, and develops mathematical models based on Game Theory. Also, he uses microbiome engineering to find therapeutic targets and several clinical trials have been initiated.

**Speaker:** [Dr. Jonas Schlüter](#), New York University, USA

**Topic:** "Evolutionary Medicine for the Microbiome, or how to turn the gut microbiome into a novel therapeutic target"

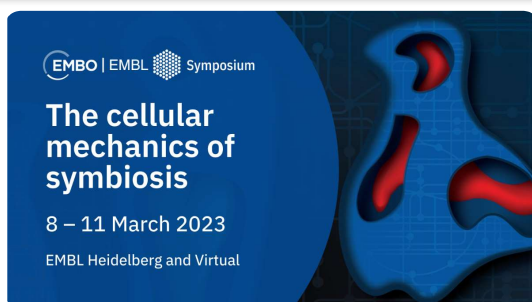
**Time:** 19 January 2023, 19:00 (CET)

**Register** [here](#).



There's still time to register. For more information, visit the [website](#).





**JAN 25:** On-site Registration Deadline

**MAR 1:** Virtual Registration Deadline

[Meeting details](#)



**JAN 31:** Abstract Submission

**MAR 14:** On-site Registration Deadline

**APR 18:** Virtual Registration Deadline

[Meeting details](#)

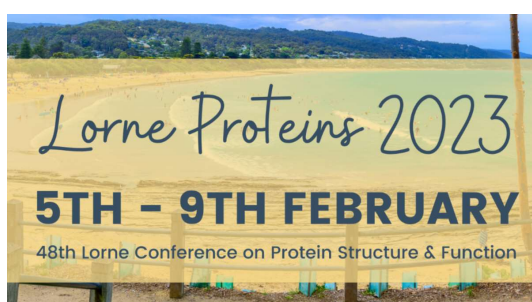


**FEB 1:** Deadline for early bird [registration rates](#)

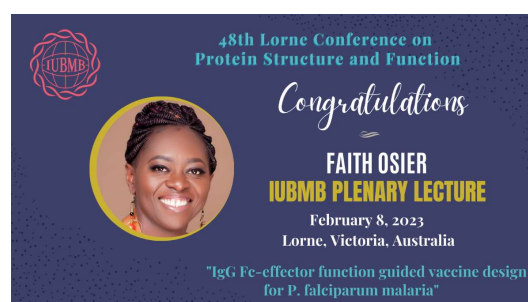
**FEB 15:** Deadline for your abstract to be considered for a talk

**APR 15:** Final deadline for registration for the conference

[Meeting details](#)



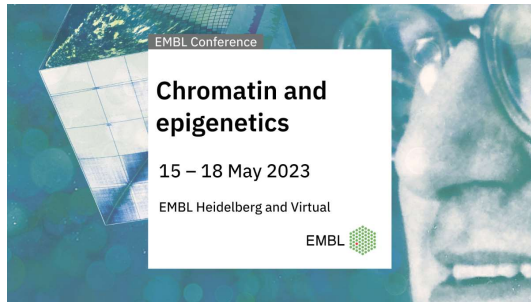
The **48th Lorne Conference on Protein Structure and Function** is



Congratulations to [Professor Faith Osier](#) from the Imperial College

[Meeting details](#)

the 48th Lorne Conference.


**FEB 13:** Abstract Submission

**APR 3:** On-site Registration Deadline

**MAY 8:** Virtual Registration Deadline

[Meeting details](#)

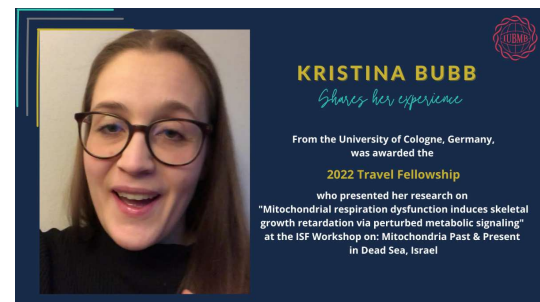
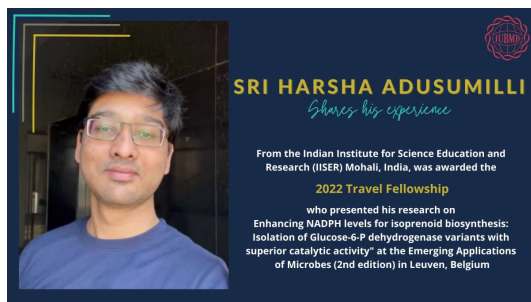
**FEB 14:** On-site Registration Deadline

**MAR 6:** Virtual Registration Deadline

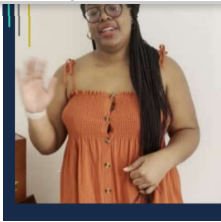
[Meeting details](#)

## ANNOUNCEMENTS

*\*Click photo to play video*







*Shares her experience*

From the University of the Witwatersrand, South Africa, was awarded the

**2021 Wood-Whelan Research Fellowship**

to travel to Harvard University, US in Prof. Flaminia Catteruccia's lab to complete her project on "Investigating how 20E signalling and the microbiome regulate the immune defenses and reproductivity of the malaria vector *Anopheles arabiensis*"



*Shares her experience*

From the Indian Institute of Technology Indore, India, was awarded the

**2020 IUBMB Mid-Career Research Fellowship**

to travel to the University of Illinois Chicago, USA, in Prof. Jie Liang's lab to complete her project on "Structure based discovery of novel agents targeting bacterial RpoS mediated antibiotic resistance"



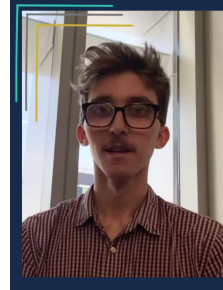
**CONGRATULATIONS**

**César Antonio Ramírez-Sarmiento**

From the Pontificia Universidad Católica de Chile, Chile, was awarded the

**2019 IUBMB Mid-Career Research Fellowship**

to travel to the University of California at San Diego, USA, in Dr. Majid Ghassemlan's lab to complete his project on "Structural and proteomic characterization of potential PET hydrolases from Antarctic bacteria using mass spectrometry"



**HUDSON COATES**

*Shares his experience*

From UNSW Sydney, Australia, was awarded the

**2022 Young Scientists' Forum Fellowship**

who presented his research on "Cholesterol synthesis unleashed: hypoxia induces the proteasomal truncation and constitutive activation of squalene monooxygenase" at the IUBMB-FEBS-PABMB Congress



**ÖZGÜN ÖZALP**

*Shares his experience*

From Izmir International Biomedicine and Genome Institute, Dokuz Eylül University, Turkey (during the Congress), was awarded the

**2022 Young Scientists' Forum Fellowship**

who presented his research on "Investigation of the functional role of neurotrophin receptor-associated death domain in neuronal development and microglia-glioblastoma interaction using the zebrafish model" at the IUBMB-FEBS-PABMB Congress



**RONNY HERNANDEZ**

*Shares his experience*

From the University San Sebastián, Chile, was awarded the

**2022 IUBMB Bursary Award**

who presented his research on "Galectin-8 induces epithelial-mesenchymal transition in a model of fully polarized epithelial cells" at the IUBMB-FEBS-PABMB Congress



**PATRYK KRAKOWIAK**

*Shares his experience*

From the Department of Microbiology, Immunology, and Cancer Biology, University of Virginia, USA, was awarded the

**2022 IUBMB Bursary Award**

who presented his research on "Directly induced neurons - novel neuronal aging model for HSV studies" at the IUBMB-FEBS-PABMB Congress



**GODFREY TEMBA**

*Shares his experience*

From the Kilimanjaro Christian Medical University College, Tanzania, was awarded the

**2022 IUBMB Africa Initiative: ENABLE Fellowship**

who presented his research on "Consumption of traditional plant-based diets and fermented banana beverages induced positive effects on the immune and metabolic systems in healthy adult men living in northern Tanzania" at the FEBS-IUBMB-ENABLE Conference




**OPEN DEADLINE**

**IUBMB MilliporeSigma Virtual Meeting and Courses Fellowships**



Interested in attending a virtual meeting or course?

Now you can by applying for the [IUBMB MilliporeSigma Virtual Meeting and Courses Fellowships](#) with



**IUBMB Relocation Support for Displaced Trainees**

**Newest Program**

[IUBMB Relocation Support for Displaced Trainees](#) (currently with special emphasis to Ukrainian trainees) provides funds to relocate trainees to new labs because of natural disasters, war, or other events



Integrated Services for Infectious Disease Outbreak Research (ISIDORe) currently has calls for proposals.

[More info>>](#)



European Research Infrastructure on Highly Pathogenic Agents (ERINHA) currently has calls for proposals.

[More info>>](#)

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