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2022 OCTOBER NEWS

CONGRATULATIONS

Congratulations
IUBMB Africa Initiative: ENABLE Fellowships

Islam Ahaik


Olorunfemi Molehin


Sikozile Ncembu

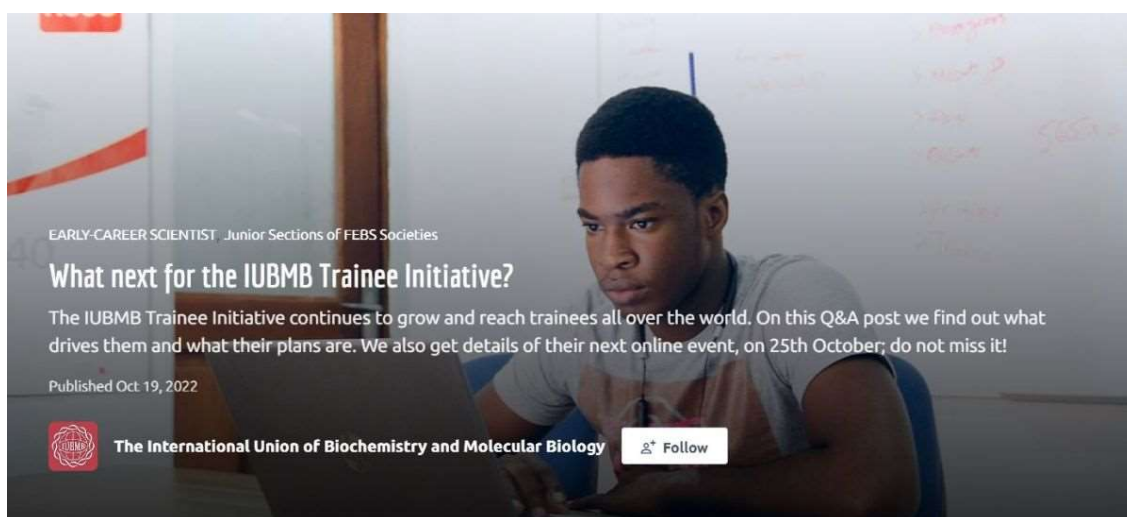

Godfrey Temba


Pere-Ebi Toloyai




attend the FEBS-IUBMB-ENABLE Conference. Conference.
We wish them much success!

IUBMB TRAINEE INITIATIVE



Not even a year old, the IUBMB Trainee Initiative is forging ahead at full speed with global activities for trainees around the world. [Read the update and vision](#) by Osvaldo Contreras (Co-Chair and FAOBMB Representative), Bri Bibel (Trainee Ambassador and PABMB Representative), Hannah Pletcher (PABMB Representative), and Zainab Rafat (FAOBMB Representative).

ADVANCING ACCESS

A CONVERSATION ABOUT OPEN ACCESS
PUBLISHING & PREPRINTS IN THE
BIOMOLECULAR SCIENCES



Randy Schekman, PhD

Founding editor,
eLife



Richard Sever, PhD

Co-founder,
bioRxiv



OCTOBER 25 2022 | 9 PDT/12 EDT

tinyurl.com/OpenAccessIUBMB



@iubmb_trainee



Trainee
Initiative

Register Now for Free!

UPCOMING IUBMB DEADLINES

IUBMB JUBILEE AWARD

recognizes outstanding
contributions in biochemistry
and molecular biology

nominate by December 15

[More info>>](#)

IUBMB PLENARY LECTURES

organizing a meeting?

IUBMB provides support of a plenary
lecturer who has made outstanding
contributions in biochemistry and
molecular biology

nominate by December 15

[More info >>](#)



26th IUBMB Congress
BIOMOLECULAR HORIZONS 2024
DISCOVER
CREATE
INNOVATE
22-26 SEPTEMBER 2024 MELBOURNE AUSTRALIA

**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



Bri-fing from the Bench

CONGRATULATIONS

Bioorthogonal chemistry and the 2022 Nobel Prize in Chemistry



bioorthogonal chemistry

chemistry and biology that play nice with one another

chemistry is very versatile, but typically not very specific

biology is very specific, but typically not very versatile

bioorthogonal chemistry mixes the two to give you the best of both worlds!

bioorthogonal chemistry uses the biological incorporation of natural molecular building blocks into molecules (proteins, lipids, sugars, etc.) to direct their subsequent custom modifications (fluorescent labeling, etc.) via chemical reactions

it often uses "click chemistry" reactions where paired reactive groups specifically "click" together to form a bond

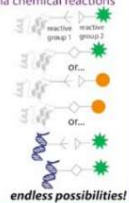
biology dictates placement of reactive group (where modification will occur)

a reactive group gets incorporated into molecules via cells' natural pathways

chemistry dictates what custom modification will be added

then a chemical that reacts with that group (but only that group!) is added

endless possibilities!




Congratulations to Carolyn Bertozzi was awarded the Nobel Prize in Chemistry for her pioneering work on 'bioorthogonal chemistry'.




Congratulations

Andjela Vukojević
University of Belgrade for Biological Research "Siniša Stanković",
National Institute of Public Health
Serbia


Winner of the
IUBMB Life Best Poster Award
for her poster titled "Protective role of fermented food in LPS-induced inflammation in C57BL/6 mice"
at the FEBS/IUBMB Advanced Lecture Course: Molecular Targets for Anti-aging Interventions
held on 25 September - 1 October 2022

Congratulations

Jiří Červeň
University of Ostrava
Czech Republic

Winner of the
BioFactors Best Poster Award
for his poster titled "The Changes in the p53 Protein across the Animal Kingdom Point to Its Involvement in Longevity"
at the FEBS/IUBMB Advanced Lecture Course: Molecular Targets for Anti-aging Interventions
held on 25 September - 1 October 2022



New Open Access Journal Launching in 2023

Aspects of Molecular Medicine


Rapid publication of research and short reviews on the molecular and cellular basis of disease to provide a clinical foundation for basic scientists and a rationalization of disease for the clinician.


[Find out more](#)


Editor-in-Chief: **Dr Angelo Azzi**

Aspects of Molecular Medicine is accepting submissions! Submit your paper to the new open access companion of *Molecular Aspects of Medicine* by October 31, 2023 and the Article Publishing Charge will be waived!

UPCOMING MEETINGS



SCGES
WEBINAR
SERIES

OCT 2022



Moving Ahead on Gender Equity: A Chemistry Perspective

The International Union of Pure and Applied Chemistry (IUPAC) entered its second century in 2019, providing an opportunity to launch initiatives to create a more diverse and inclusive community. This webinar offers an overview, some insights, and progress on this journey, with a focus on gender issues.

Agenda

Welcome by SCGES & Introduction by Mark Cesa

Laura McConnell: "Building a Global Network"
 Mary Garson: "Expanding the Role of Women in IUPAC"
 Mei-Hung Chiu: "Nurturing a more inclusive STEM Community"

Discussion moderated by Mark Cesa

Wednesday
October 26th, 2022
2-4 PM CEST

Link to Register
<https://gender-equality-in-science.org/event/scges-webinar-october-26th-2022/>

Speakers

Mark Cesa
 (President of IUPAC, 2014-15)

Laura McConnell
 (Bayer Crop Science, Bayer Science Fellow, Regulatory Scientific Affairs, USA)

Mary Garson
 (Prof., School of Chemistry and Molecular Biosciences, The University of Queensland, Australia)

Mei-Hung Chiu
 (Prof., National Taiwan Normal University, Graduate Institute of Science Education)



Plasticity across scales: from molecules to phenotypes
 26 - 29 Oct 2022 | EMBL Heidelberg and Virtual

Abstract submission: 3 Aug 2022
 Registration (On-site): 24 Aug 2022 Registration (Virtual): 19 Oct 2022

[s.embl.org/ees22-12](https://www.embl.org/ees22-12) #EESPhenotypes

[Meeting details](#)



The neurovascular interface
 7 - 10 November 2022 | EMBL Heidelberg and Virtual

Abstract submission: 15 Aug 2022
 Registration (On-site): 5 Sep 2022 Registration (Virtual): 31 Oct 2022

[s.embl.org/ees22-11](https://www.embl.org/ees22-11) #EESNeurovascular

OCT 31: Virtual Registration

[Meeting details](#)



Join us at our 88th Harden Conference!

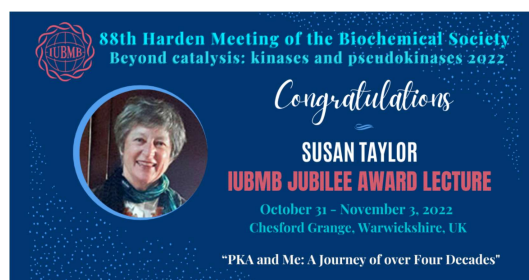
"A rare opportunity to spend several days together, discussing science, sharing views, planning collaborations"

Attendee, 86th Harden Conference 2022

BIOCHEMICAL SOCIETY

The **88th Harden Conference on Beyond catalysis: kinases and pseudokinases 2022** is from October 31 - November 3, 2022 in Chesford Grange, Warwickshire, UK.

[Meeting details](#)



88th Harden Meeting of the Biochemical Society
 Beyond catalysis: kinases and pseudokinases 2022

Congratulations

SUSAN TAYLOR
IUBMB JUBILEE AWARD LECTURE

October 31 - November 3, 2022
 Chesford Grange, Warwickshire, UK

"PKA and Me: A Journey of over Four Decades"

Congratulations to Professor Susan Taylor from UC San Diego, USA, recipient of the IUBMB Jubilee Award for her outstanding contributions to understanding protein kinases at the 88th Harden Conference.



NOV 8: Virtual Registration



[Meeting details](#)




NOV 15: Submit abstracts posters

NOV 18: Early registration deadline

[Meeting details](#)

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[SPEAKERS](#)
[REGISTRATION](#)
[CONTACT](#)

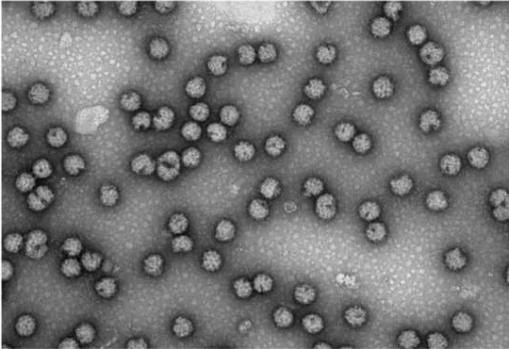
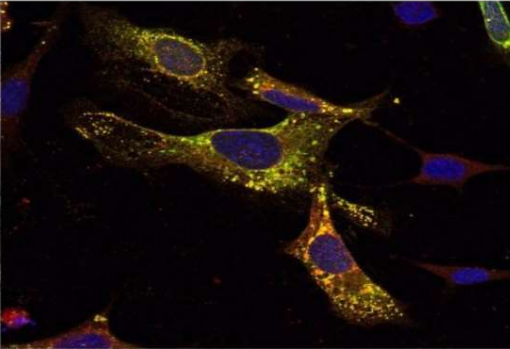


INTERNATIONAL UNION
OF BIOCHEMISTRY AND
MOLECULAR BIOLOGY




IUBMB Focused Meeting on Biochemistry & Molecular Biology of RNA Viruses

15th November, 2022- 18th November, 2022

Venue: Regional Centre for Biotechnology, Faridabad

[Meeting details](#)

Scientific Symposium		Career Day	
TUESDAY 15 TH NOVEMBER	WEDNESDAY 16 TH NOVEMBER	THURSDAY 17 TH NOVEMBER	FRIDAY 18 TH NOVEMBER
MORNING	8.00-8.15 Registration 8.15-9.00 Opening & Official welcome	8.30-9.00 Welcome	8.30-9.00 Welcome
	Innovation 1	Computational biology and artificial intelligence 2	9.00-9.50 Round table
	9.00-9.45 Keynote: Matteo Iannaccone	9.00-9.45 Keynote: María Rodríguez	
	9.45-10.30 José David Celdrán López Anna Georgina Kopasz	9.45-10.30 Daniel Martín Terezie Páníková Aikaterini Despoina Nastou	9.50-10.00 Presentation of career day
	COFFEE BREAK & POSTER SESSION		COFFEE BREAK & JOB FAIR
	Computational biology and artificial intelligence 1	Clinical and translational biomedicine 2	11.00-13.00 Workshops Career chats Opportunity fair
	11.30-12.15 Keynote: Elena Papaleo	11.30-12.15 Keynote: Laura Cancedda	
	12.15-13.00 Katerina-Marina Pilala John Omo-Osagie Uhomobhi David Cano-González	12.15-13.00 Catarina Pimpão Cosmin Trif	
	LUNCH		LUNCH & JOB FAIR
	AFTERNOON	Basic research 1	Basic research 2
14.30-15.15 Keynote: José López-Barneo		14.30-15.15 Keynote: Daphne Cabianca	
15.15-16.00 Oskar Ciesielski Luis Flores Horgue Nora Hase		15.15-16.00 Ana-Maria Pantazica Barbora Smolková Carmen Torres Granados	
COFFEE BREAK & POSTER SESSION		17.00-17.30 Closing ceremony & Prizes	
Clinical and translational biomedicine 1		Innovation 2	
17.00-17.45 Keynote: Fathia Mami-Chouaib		17.00-17.45 Keynote: César de la Fuente	
17.45-18.30 Mariano Molina Thuy Nguyen Sikozile Ncembu		17.45-18.30 Round table	
	Pub Talks	Gala Dinner	
Registration and round table on Open Science			
<div></div> FEBS-IUBMB-enable			

The FEBS-IUBMB-ENABLE Conference program in Seville, Spain from November 16-18 2022. For more information, visit the [website](#).



NOV 30: On-time abstract and travel award application submission deadline

DEC 12: Late-breaking abstract submission site opens

JAN 18: Late-breaking abstract submission deadline (poster presentation only)

[Meeting details](#)

ANNOUNCEMENTS



The IUBMB is pleased to support

Tetiana Tykhonenko

From the Palladine Institute of Biochemistry of the
National Academy of Sciences of Ukraine, Ukraine
has been awarded the

IUBMB Relocation Support for Displaced Trainees

to continue her research in Professor Roberto A. Steiner's
laboratory at the Dipartimento di Scienze Biomediche,
University degli Studi di Padova, Italy





Congratulations IUBMB Executive Committee member Ilona Concha Grabinger, whose pioneering work at the Universidad Austral made it possible to measure the gender gap in the Faculty of Science. Read more [here](#).



Interested in attending a virtual meeting or course?

Now you can by applying for the [IUBMB MilliporeSigma Virtual Meeting and Courses Fellowships](#) with OPEN DEADLINES to cover registration costs.



[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 beyond their control that interrupt their training.

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