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# **2022 AUGUST NEWS**

## **UPCOMING IUBMB DEADLINES**



**16-18 November 2022**The Institute of Biomedicine of Seville, Spain



The perfect tandem:

How technology expands the frontiers of biomedicine

Registration is now open!

Early bird discount until 29th of July



**Late bird registration open until September 30th.** For more information, visit the <u>website</u>, where you can also watch videos of previous editions, and can follow the event on <u>Instagram</u>, <u>LinkedIn</u>, <u>Facebook</u> and <u>Twitter!</u>



Please visit our website for more information on our <u>Fellowships</u>.



<u>Travel Fellowships</u> will now be considered as they are received.





### **BRI-FING FROM THE BENCH**

#### **AMINO ACID POETRY COMPETITION**

Last chance to submit your amino acid poem to <a href="mailto:contest@iubmb.org">contest@iubmb.org</a> by TODAY (Sept 1) for a chance to win our Trainee Ambassador Brianna Bibel's amino acid puzzle. Here are some entries:



# Plain little glycine Nonessential but needed Flexible teammate

LOGAN RIVERA USA





There are no others

Like arginine. Side chain like

A Swiss Army knife

JAMES MUPRHY AUSTRALIA



# nit your aring acid poem

#### Who do we have here?

From the simplest glycine,
To the most abundant glutamine,
Allow us to introduce ourselves.
Methionine, I deal with initiation of translation,
Quite the role, don't you agree?
So is post translational phosphorylation,
Thanks to serine, threonine and tyrosine,
Guys, show them your hydroxyl groups.
Arguably, I am the hardest to draw,
Call me tryptophan. I'm in the serotonin business.
Proline, I am a bit strange.
My alpha amino and alpha carboxyl groups are not free.

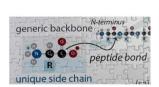
Hurry, there is no time.

Cysteine, disulfide bridges, keratin.

Lysine, in collagen with glycine and proline.
Leucine, Isoleucine, valine, branched-chain, no time for details.
Histidine, histamine, allergic reactions.
Asparagine, urea cycle, aspartate, protein biosynthesis.

Glutamate, excitatory neurotransmitter, alanine, gluconeogenesis. Phenylalanine, catecholamines, arginine, nitric oxide.

We are here, for you.
SHARON JERA
KENYA



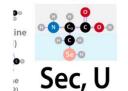


# But liable to react **Cysteine** is contrast



PETER MACE NEW ZEALAND

#### Selenocysteine



# My heart fails without you selenocysteine

PETER MABBITT **NEW ZEALAND** 





Alanine the smallest and cutest and Glycine the smallest contortionist Methionine is the one you met at the start Isoleucine smells on the sweeter side when with Leucine and Valine Now for an Asparagus and beet juice break with Asparagine and Glutamine

O Threonine was the last Aromatic Phenylalanine, Tryptophan and Tyrosine light the way

Cysteine was one the firsts

Inside we find five-sided rings for Histidine and Proline

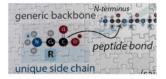
Don't forget the excitatory amino acids Aspartate and Glutamate

Serine helps you take a snip with your scissors

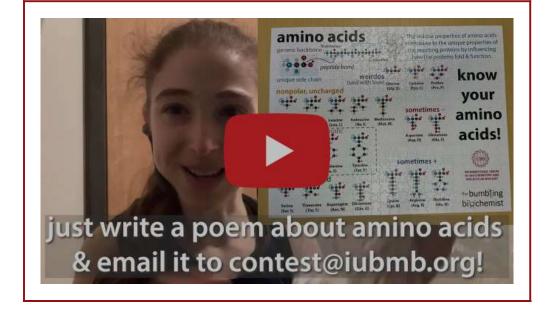
Remember Arginine is basically always positive

U could say Selenocysteine has special place here

Lastly we have Schiff base Lysine and this... **Ends the ABCs of Biochemistry** 



MARY GEORGE SOUTH AFRICA





# 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

Make <u>Aspects of Molecular Medicine</u> – the new complementary open access sister journal of *Molecular Aspects of Medicine* – the home for your next research paper. Found out more!

## **UPCOMING MEETINGS**



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

**SEP 4**: Abstract Deadline & Early Bird registration deadline

Meeting details



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.



**SEP 5**: Virtual Registration Meeting details

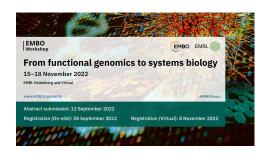


SEP 5: On-site RegistrationOCT 31: Virtual Registration



SEP 6: Virtual Registration

Meeting details



SEP 12: Abstract Submission

SEP 28: On-site Registration

NOV 8: Virtual Registration

Meeting details





**FEBS Junior Sections initiative** 

Are all chromosomes equal during mitosis? Do they all segregate with the same accuracy? Does it matter where they come from? Dr. Tolić will discuss these topics and show how the chromosomes located behind the spindle pole reach the spindle midplane and how this unfavorable starting position puts them at risk of missegregation. These biased segregation errors may contribute to the distinct aneuploid karyotypes observed in cancers and during embryonic development.

Speaker: Iva Tolić, Ruđer Bošković Institute, Croatia

**Topic**: "Mechanobiology of mitosis and its role in mitotic fidelity"

Time: 8 September 2022, 19:00 (CET)

**Registration**: <a href="https://us06web.zoom.us/meeting/register/tZUodeCprjovHtAuyqkO\_SsetDBrAIDk6EVx">https://us06web.zoom.us/meeting/register/tZUodeCprjovHtAuyqkO\_SsetDBrAIDk6EVx</a>

For **more information**, see the <u>presentation abstract on the FEBS Network</u> and visit <u>Iva Tolić webpage</u>.

30 JANUARY - 1 FEBRUARY 2023 • MIAMI, FL, USA
A UBMBF, UMMSOM and IUBMB Conference • Organized by Elsevie

Are you interested in attending the Miami Winter Symposium 2023 on Molecular Neuroscience: Focus on Sensory Disorders?

January 30 - February 1, 2023, | Hyatt Regency Miami, FL, USA

SEP 16: Submit abstracts for short talks and posters

NOV 18: Early booking deadline for registration

Meeting details



Meeting details



SEP 23: Virtual Registration

Meeting details



Meeting details



**OCT 1**: Registration Deadline Meeting details



## **ANNOUNCEMENTS**



\*Click photo to play video







Interested in attending a virtual meeting?

Now you can by applying for the <u>IUBMB</u>
<u>MilliporeSigma Virtual Meeting</u>
<u>Fellowships</u> 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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