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2021 MARCH NEWS

CONGRATULATIONS

CONGRATULATIONS!



Osvaldo Contreras, Ph.D.

IUBMB awarded our very first MilliporeSigma Virtual meeting fellowship to present his research
"PDGF/PDGFR Network Modulates Myogenic Progenitor Fate, Migration, and Proliferation"
at the 45th FEBS Congress

Osvaldo is a Post-Doctoral Scientist from Chile who is doing research at the Victor Chang Cardiac Research Institute, Darlinghurst, New South Wales, Australia

UPCOMING IUBMB DEADLINES

MARCH 31st, 2021

The application must come from the corresponding IUBMB Adhering Body or Associate Adhering Body (<https://iubmb.org/about/adhering-bodies-and-associate-adhering-bodies/>).

For more details, please go to <https://iubmb.org/about/guidelines-statutes/guidelines/iubmb-congresses/>

The location of the 2027 will be decided during the Ordinary General Assembly.

*** ALL FELLOWSHIPS DEADLINE: APRIL 1st, 2021 ***

Supports up to 4 months in a lab and up to a maximum of US \$4,000 for travel expenses

Apply for Wood-Whelan Fellowships

Supports up to 2 months in a lab and up to a maximum of US \$5,000 for travel expenses

**Apply for Mid-Career Fellowships**

Supports educators visiting another

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Apply for Tang Education Fellowships

*** NEW**

Supports biochemistry and molecular biology trainees such as graduate students and postdoctoral fellows



Apply for Travel Fellowships

APRIL 1 APPLICATION DEADLINE

IUBMB Advanced Schools



Organizers must complete the appropriate IUBMB Application Form

<https://iubmb.org/activities/iubmb-advanced-schools/>

APRIL 1 APPLICATION SUBMISSION

IUBMB Educational Activities



The Committee considers applications from all IUBMB Adhering Bodies and Associated Adhering Bodies

<https://iubmb.org/activities/educational-activities/>

IUBMB JOURNALS

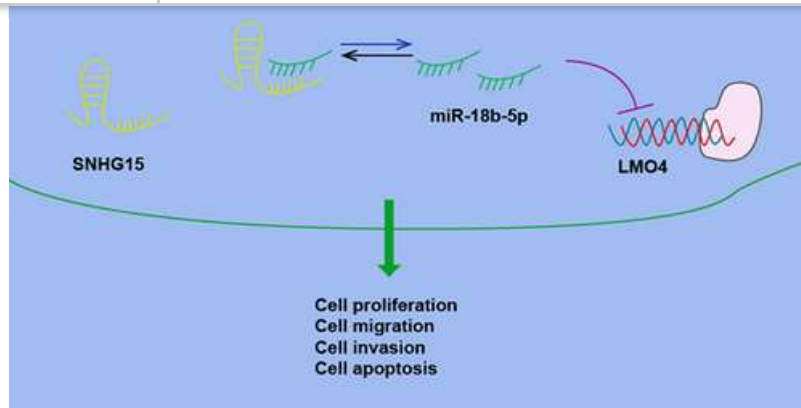


[New Issue: Volume 73, Issue 2](#)

Issue Highlights

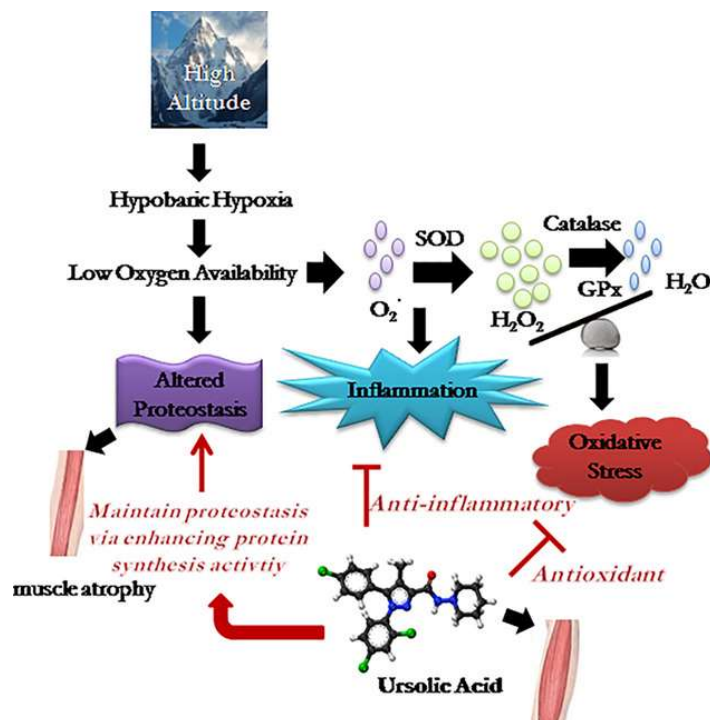
- [Long non-coding RNAs as potential biomarkers in the prognosis and diagnosis of lung cancer: A review and target analysis](#)

This study suggests that SNHG15 binds to miR-18b-5p to modulate LMO4, thereby affecting cell proliferation, migration, invasion and apoptosis of liver cancer.



- [Ursolic acid ameliorates hypobaric hypoxia-induced skeletal muscle protein loss via upregulating Akt pathway: An experimental study using rat model](#)

Ursolic acid is a naturally occurring pentacyclic triterpene acid present in several edible herbs and fruits. Hypobaric hypoxia induced muscle protein loss attributed to multifaceted pathways, included oxidative stress, inflammation and protein degradation. Supplementation of ursolic acid attenuated hypobaric hypoxia induced oxidative damage, inflammation, enhanced Akt, pAkt and p70S6kinase activity and antioxidant status in the skeletal muscle. Conclusively, ursolic acid showed potent antioxidant, anti-inflammatory activity and enhanced the protein content via upregulation of Akt pathway related proteins. These three biological activities makes ursolic acid a novel candidate for amelioration of hypobaric hypoxia induced skeletal muscle damage and protein loss.



Biological Responses to Stressors

GUEST EDITORS: Nesrin Kartal Ozer (Marmara University), Jose Vina (University of Valencia), Gloria Olaso (University of Valencia), Erdi Sozen (Marmara University)

Manuscripts should be submitted by **May 31**

Expected issue publication will be November 2021

[Click here for more details](#)

Inflammation: Mechanism, disease, and therapy

IUBMB Life is developing a special issue on “Inflammation: mechanism, disease, and therapy” and would like to invite papers that fall within the scope.

GUEST EDITORS: Yi-Ching Wang (National Cheng Kung University) and Chih-Peng Chang (National Cheng Kung University)

Manuscripts should be submitted by **May 31**

Expected issue publication will be October 2021

[Click here for more details](#)

Multicellular Microenvironment Effects on the Modulation of Cell Functions

IUBMB Life is developing a special issue on “Multicellular Microenvironment Effects on the Modulation of Cell Functions” and would like to invite papers that fall within the scope.

GUEST EDITOR: Xiangya Ding, Nanjing Medical University

Manuscripts should be submitted by **September 30**

[Click here for more details](#)

Extracellular Matrix: The Dynamic Structural and Functional Network in Health and Disease

GUEST EDITORS: Nikos Karamanos (Univ. of Patras), Sylvie Ricard-Blum (Univ. of Lyon), Dimitris Kletsas (NCSR Demokritos, Athens)

Manuscripts should be submitted by **October 31**

Expected issue publication will be March 2022

[Click here for more details](#)

NEW VIRTUAL ISSUES

- [Dysregulated Transcription Factors in Cancer](#)
- [Programmed Cell Death: New Mechanisms and Diseases](#)

New Issue: Volume 47, Issue 1

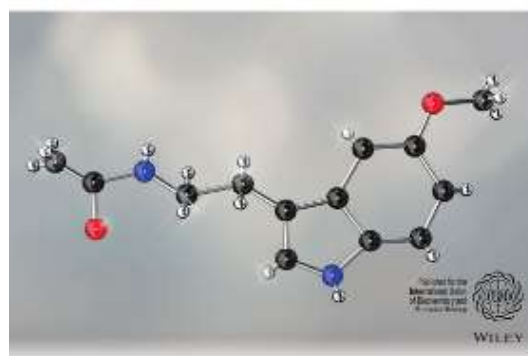
Issue Highlights

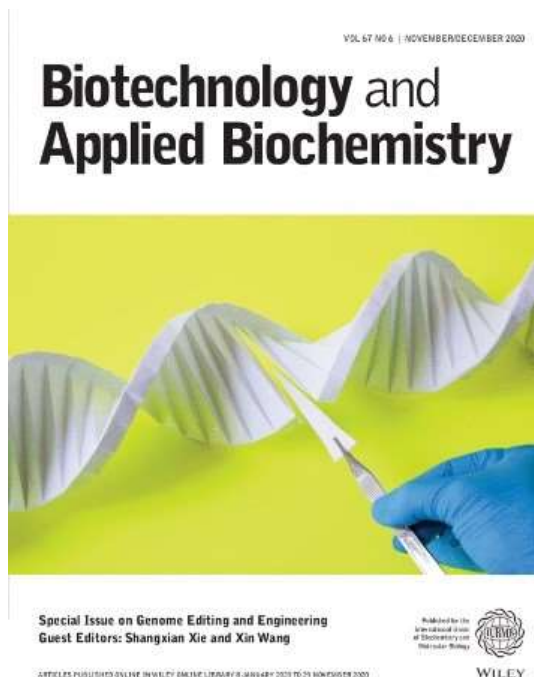
- [Specialized proresolving mediators in infection and lung injury](#)
- [The role of phytochemicals in sepsis: A mechanistic and therapeutic perspective](#)
- [Mangiferin and organ fibrosis: A mini review](#)

BioFactors

IN THIS ISSUE:

Specialized pro-resolving mediators in infection and lung injury
Phytochemicals in sepsis
Anti-inflammatory effect of melatonin in ischemic stroke
Mangiferin and fibrosis



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Volume 67, Issue 6

Issue Highlights

Special Section on
Genome Editing and Engineering:
For November/December 2020 Issue

New Virtual Issue on Teaching in the Time of COVID-19

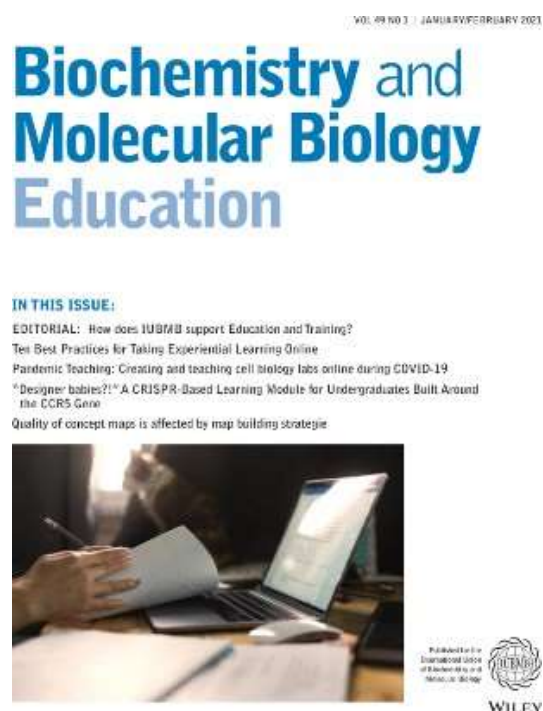
Volume 49, Issue 1

Issue Highlights

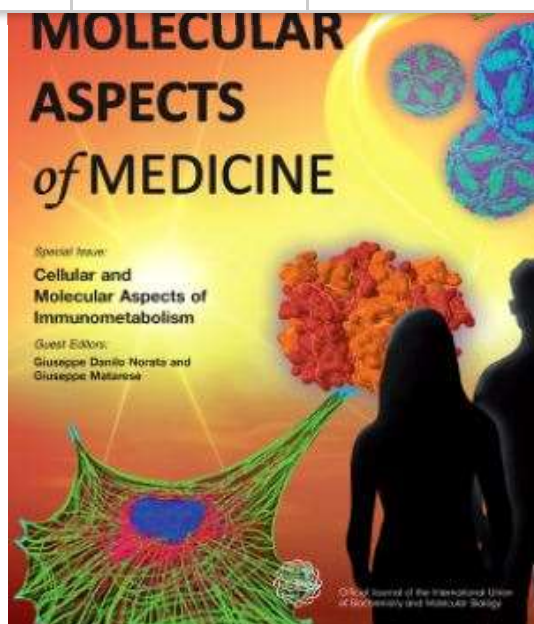
- [Ten best practices for taking experiential learning online](#)
- [SARS-CoV-2 virtual biochemistry labs on bioinformatics and drug design](#)

And many other COVID-19 related papers!

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Volume 77 (2021) 100897



UPCOMING MEETINGS

Wednesday 17 March 2021

Innovation in Undergraduate Teaching of Life Sciences - Webinar series

Online

Register until Monday 15 March 2021!

We would like to announce a webinar series on “Innovation in Undergraduate Teaching of Life Sciences”. This webinar series replaces and complements the “1st Swiss Symposium on Innovation in Undergraduate Teaching of Life Sciences” (cancelled for now because of the pandemic).

Guest Speaker: [Erin Dolan](#) (University of Georgia, Athens, Georgia, USA);
Undergraduate research at scale: What if the treatment is a CURE?

REGISTRATION IS FREE, for LS2 members and non-members, and for the whole Seminar Series. Only registered participants will receive the zoom link of the webinar.

Mar 15: Registration Deadline | Mar 17: Event 17:00 hr CET
<https://meetings.ls2.ch/innovation-teaching-life-sciences-webinars>



Due to the COVID-19 pandemic, unfortunately we had to postpone the meeting earlier of 2020. We decide to rearrange the meeting on April 21-23, 2021.

******The meeting will be held in Academia Sinica and the foreign speakers will be joined by an pre-recorded video talk and live Q&A. Virtual meeting will be open for foreign only.

Mar 20: Abstract Submission | Apr 10: Registration Deadline

<https://iubmb.npas.programs.sinica.edu.tw/>

March 23, 2021
Time 16:30 to 20:00
Central European Time

Magalhães-Elcano Conferences
Molecular aspects of Ageing. From Metabolism to Epigenetics

Organizers Join us via **YouTube**
 Link: <https://youtu.be/nROOGdxhFww>

Jose Sotelo	Speakers
Jim Davie	Steve Horvath
Tasnim Deacon	Cláudia Cavadas
Marcelo Carlos Sousa	Alicia Kowaltowski
Graca Soveral	Manuel Serrano
Isabel Varela Nieto	
Maria A Serrano	

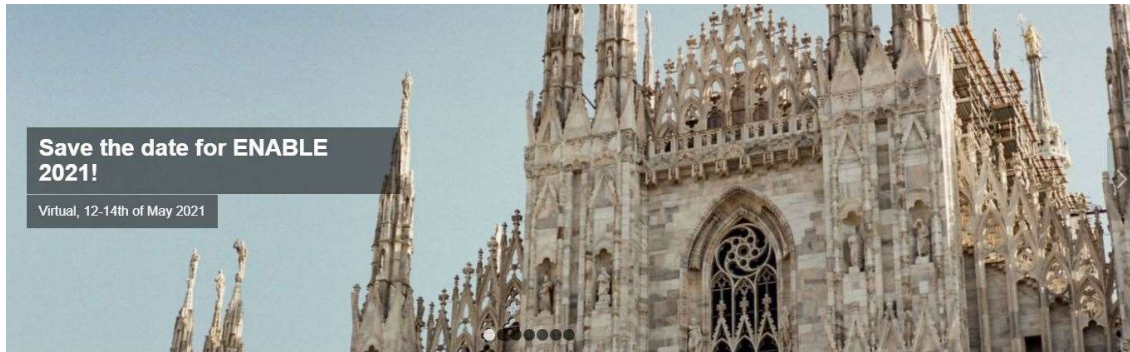
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This year marks the 500th anniversary of the circumnavigation around the world completed by Portuguese and Spanish explorers.

To celebrate this achievement, the Pan-American Association for Biochemistry and Molecular Biology (PABMB), Sociedad Española de Bioquímica y Biología Molecular (SEBBM) and Sociedade Portuguesa de Bioquímica (SPB) organized a cycle of three conferences called Magalhães-Elcano Conferences.

Mar 23: Event | 16:30 - 20:00 hr CET

<https://www.sebbm.es/web/es/noticias-en-portada/4451-magalhaes-elcano-conferences-23-marzo-2021#>



The 4th European PhD and Postdoc symposium *"Exploring Life Dynamics: In and out of equilibrium"* will be held 12-14 May 2021..

ENABLE aims to involve young scientists in opening the academic world from within by promoting crosstalk between biomedical disciplines, collaboration with industry, and engagement with society. The symposia are organized by and for young researchers and are inspiring events not to be missed!

Mar 25: Abstract Submission & Registration Deadline

<https://enablenetwork.eu/>



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about their latest findings and expand your professional circle.

Apr 12: Early Registration Deadline

<https://www.asbmb.org/meetings-events/2021-annual-meeting>

*** Interested in attending a virtual meeting? You may apply for the *IUBMB MilliporeSigma Virtual Meeting Fellowships* at any time of the year.

[Apply Now](#)

ANNOUNCEMENTS



Gender Equality in Science

IUBMB is pleased to work with the [Standing Committee for Gender Equality in Science \(SCGES\)](#) to promote equal access to science around the world.

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Nature Research Awards for Driving Global Impact

Championing researchers who address global challenges.

Nature Award for Driving Global Impact was launched in 2019 with the aim of championing researchers who are striving towards the achievement of one or more of the United Nations Sustainable Development Goals.

Mar 21: Application Deadline

<https://www.nature.com/collections/ccjnyjxvmp>



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