

[View this email in your browser](#)



2021 JANUARY NEWS

CONGRATULATIONS IUBMB Wood-Whelan Fellows



Maria Azparren



Keila Belhart



Sabrina Vallone



Subscribe

Past Issues

Translate ▼



Constanza Ballesteros
Martinez



Maria Andrea Camiletti



Paula Vincino



Oswald Djihinto



IUBMB Mid-Career Fellows



Mirza Saqib Baig



Laura Ruth Delgui



Subscribe

Past Issues

Translate ▼



Afolabi-Balogun Nusrah Bolatito



Uzma Saquib



ALL FELLOWSHIPS DEADLINE: * APRIL 1st, 2021 *

IUBMB
WOOD-WHELAN
FELLOWSHIPS

Deadlines April 1 and Oct 1



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

[Read more on Wood-Whelan Fellowships](#)

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

IUBMB
MID-CAREER
FELLOWSHIPS

Deadlines April 1 and Oct 1



[Read more on Mid-Career Fellowships](#)

Subscribe

Past Issues

Translate ▼

advise/teach or learn

**IUBMB
TANG EDUCATION
FELLOWSHIPS**

Deadlines April 1 and Oct 1

TANG PRIZE



Read more on Tang Education Fellowships

NEW Fellowships

IUBMB Travel Fellowships are designated to support biochemistry and molecular biology trainees such as graduate students and postdoctoral fellows

Go to:

<https://iubmb.org/activities/fellowship-programs/iubmb-travel-fellowships/>

**NEW
IUBMB
TRAVEL
FELLOWSHIPS**

Designed to support biochemistry and molecular biology trainees such as graduate students postdoctoral fellows





From countries that are full or associate members of IUBMB to travel to and attend meetings in the IUBMB region.

Applicants are required to present a poster or oral presentation in order to be considered for a fellowship award.

IUBMB Newsletter | Issue 10 Page 11

**NEW
The IUBMB
MilliporeSigma Virtual
Meeting Fellowships**

This fellowship honors the legacy of the metabolic maps created by Donald Nicholson, who in 1996 gave the copyright of the maps to the IUBMB. We are pleased to collaborate with SigmaAldrich, with whom we have an agreement to secure the future of the maps, to provide virtual meeting registration to trainees in biochemistry and molecular biology.

The IUBMB Virtual Meeting Fellowships are designed to support biochemistry and molecular biology trainees (graduate students and postdoctoral fellows), from countries that are full or associate members of IUBMB to attend virtual meetings in the IUBMB region. Applicants are required to present a poster or oral presentation in order to be considered for a fellowship award.

<https://iubmb.org/activities/fellowship-programs/>

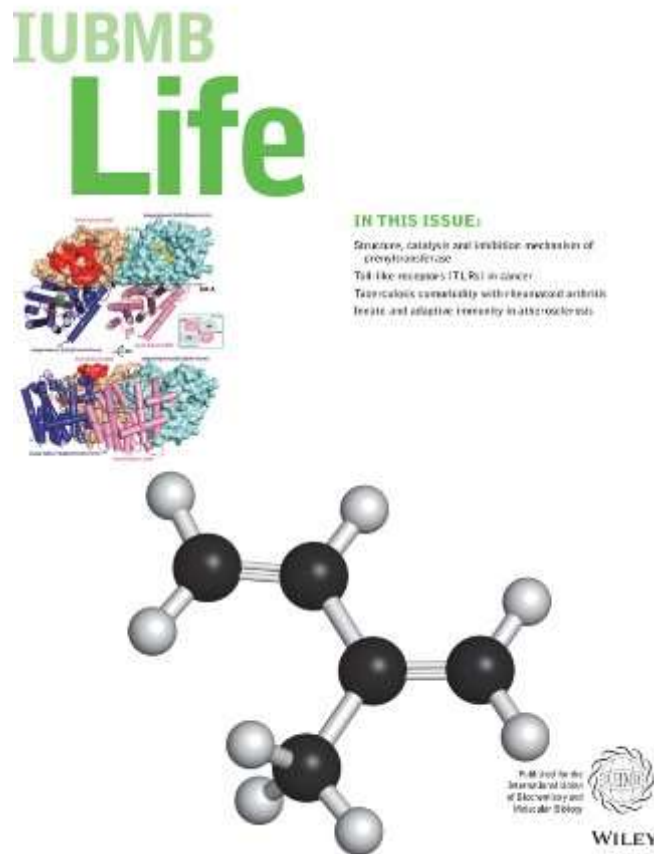
IUBMB MilliporeSigma Virtual Meeting Fellowships are designated to support biochemistry and molecular biology trainees such as graduate students and postdoctoral fellows

Go to:

<https://iubmb.org/activities/fellowship-programs/iubmb-milliporesigma-virtual-meeting-fellowships/>

IUBMB JOURNALS

VOL 73 ISSUE NO 1 | JANUARY 2021

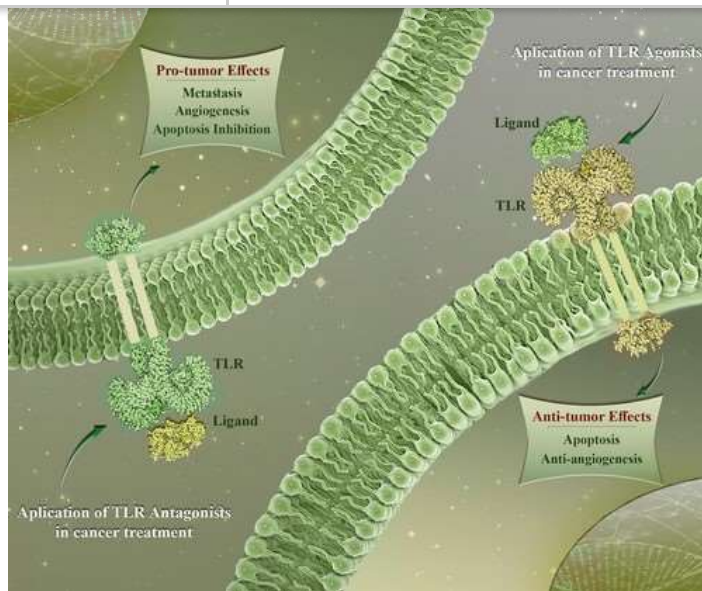


[New Issue: Volume 73, Issue 1](#)

Issue Highlights

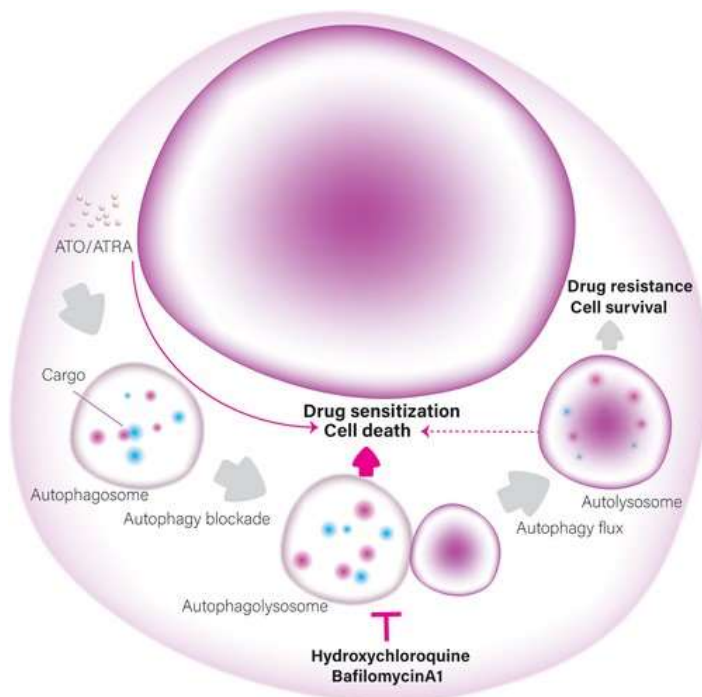
- [Toll-like receptors \(TLRs\) in cancer; with an extensive focus on TLR agonists and antagonists](#)

The ability of Toll-like receptors (TLRs) in distinguishing “self” and “non-self” antigens is a cornerstone in the innate immunity system; however, their misregulation links inflammatory responses to the development of a wide range of human cancers. Generally, while chronic low-grade TLR activation favors a tumor-promoting state, high-dose TLR activation induces antitumor responses. This issue sheds light on the controversial role of these receptors in human cancers as double-edged swords, and further highlights the therapeutic efficacy of both TLR agonists and antagonists in cancer treatment strategies.



- [Effects of different autophagy inhibitors on sensitizing KG-1 and HL-60 leukemia cells to chemotherapy](#)

Autophagy, a highly-conserved catabolic process that is responsible for maintaining cell survival and homeostasis under different stressful conditions, is critically involved during chemotherapy with anti-leukemic drugs, including arsenic trioxide (ATO) and/or all-trans retinoic acid (ATRA). The blockade of autophagy flux at the late stages, especially with the lysosome inhibitor of hydroxyquinoline, rather than its total blockade using the early upstream inhibitor of 3-Methyladenine, markedly potentiates anti-leukemic and apoptotic effects of ATO/ATRA in KG1 leukemic stem-like cells but not HL-60 cells. The autophagy manipulation may enhance the effectiveness of chemotherapy in leukemia cells in a cell- and context-dependent manner.





Introducing IUBMB Life's new Editor-in-Chief: Efstathios S. Gonos

Efstathios S. Gonos began his new role as Editor-in-Chief of IUBMB Life on January 1st, 2021.

[Click here for more information](#)

We would also like to welcome the new Associate Editors and Assistant Editor to IUBMB Life

ASSOCIATE EDITORS

Jianping Ding | Chinese Academy of Sciences, Shanghai Institute of Biochemistry and Cell Biology, Shanghai, China

Jeanette Erdmann | University of Lübeck, Institute for Cardiogenetics, Lübeck, Germany

Toni Gabaldón | Institute for Research in Biomedicine & Barcelona Supercomputing Centre, Barcelona, Spain

Dominic Ng | University of Queensland, Faculty of Medicine, Brisbane, Australia

Mary Reyland | University of Colorado, Department of Craniofacial Biology, Aurora, USA

Taiwan

ASSISTANT EDITOR

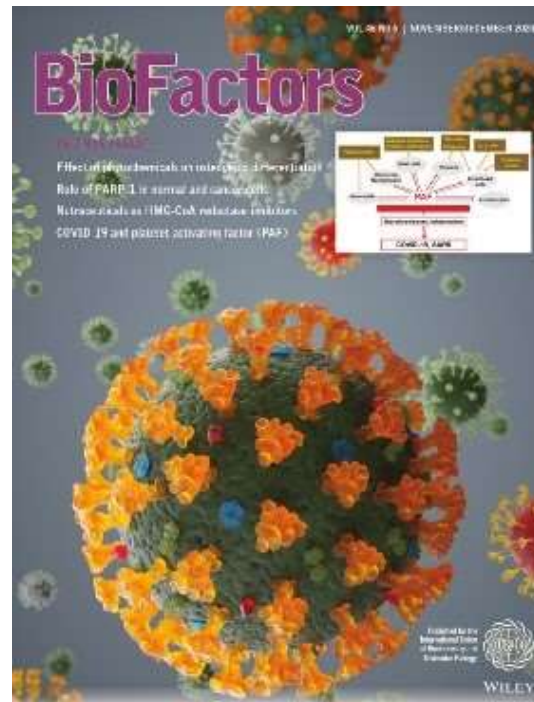
Sophia Athanasopoulou | National Hellenic Research Foundation, Institute of Chemical Biology, Athens, Greece

[Click here to see the Editorial Board](#)

New Issue: Volume 46, Issue 6

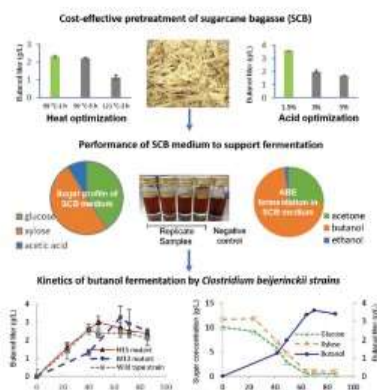
Issue Highlights

- [Phytochemicals impact on osteogenic differentiation of mesenchymal stem cells](#)
- [Medicinal plants and bioactive natural compounds as inhibitors of HMG-CoA reductase: A literature review](#)



Biotechnology and Applied Biochemistry

VOL. 67 NO. 5 | SEPTEMBER/OCTOBER 2020



Special Issue on Biofuels Production from Renewable Resources
Guest Editors: Jie Bao, Gianluca Catucci, and Francesca Valetti

Published for the International Union of Biochemistry and Molecular Biology
WILEY

ARTICLES PUBLISHED ONLINE IN WILEY ONLINE LIBRARY ON SEPTEMBER 2020/15 SEPTEMBER 2020

[Special Issue: Biofuels Production from Renewable Resources](#)

[Subscribe](#)[Past Issues](#)[Translate](#) ▼

VOL 48 NO 6 | NOVEMBER/DECEMBER 2020

Biochemistry and Molecular Biology Education

Special Issue: IUBMB Education Conference**IN THIS ISSUE:****SPECIAL SECTION 2019 IUBMB Education Conference**

A report on the IUBMB/PSBMB 2019 "Harnessing Interdisciplinary Education in Biochemistry and Molecular Biology" conference

Keynote: Harnessing Interdisciplinary Education in Biochemistry and Molecular Biology

Keynote: Scientists in Education: A Biomedical Research Institute's Perspective



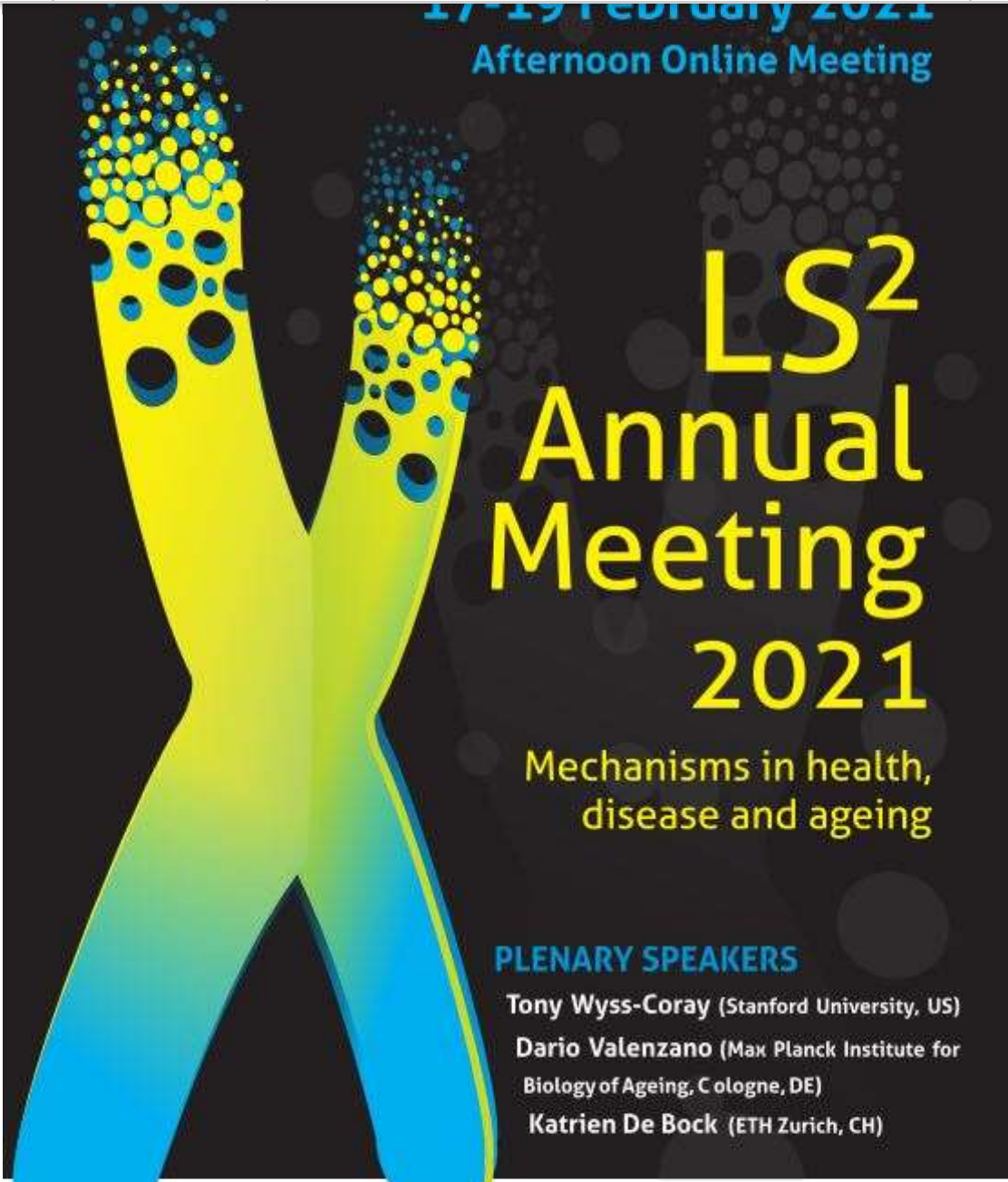
Published for the
International Union
of Biochemistry and
Molecular Biology



WILEY

- [New Virtual Issue on Teaching in the Time of COVID-19](#)
- [Special Issue: IUBMB Education Conference](#)

UPCOMING MEETING

[Subscribe](#)[Past Issues](#)[Translate](#) ▼

17-19 February 2021
Afternoon Online Meeting

LS² Annual Meeting 2021

Mechanisms in health,
disease and ageing

PLENARY SPEAKERS

Tony Wyss-Coray (Stanford University, US)
Dario Valenzano (Max Planck Institute for
Biology of Ageing, Cologne, DE)
Katrien De Bock (ETH Zurich, CH)

LS²
Life Sciences Switzerland

Info & Registration: annual-meeting.ls2.ch

General registration deadline until 29 January 2021 | <https://annual-meeting.ls2.ch/registration>



Copyright © 2021 IUBMB, All rights reserved.

You are receiving this email because you subscribed to our IUBMB Friends list

Subscribe

Past Issues

Translate ▼

IUBMB

Keizersgracht 695-699

DW Amsterdam, North Holland 1017

Netherlands

[Add us to your address book](#)

No longer want to receive these emails? You can [unsubscribe here](#).