

Dear **SBIC members, colleagues and friends,**

Welcome to the 2023.01 edition of our quarterly newsletter published by the Society of Biological Inorganic Chemistry (SBIC), which aims to keep you up to date with important developments in our society, award deadlines and other opportunities we are supporting! We provide you in this newsletter with the latest information from your society, and we hope that you will continue to support or join SBIC as a new member. We would also like to invite you to pass the newsletter on to your students and colleagues and if you have news to share, please get in touch.

Congratulations to the AsBIC Award Winners 2022

Graeme Hanson Early Career Researcher Award

- Maria Babak (Hong Kong City University)
- Huaiyi Huang (Sun Yat-sen University)

James Hoeschele Award

- Abhishek Dey (IACS)
- Shigeyuki Masaoka (Osaka University)

Outstanding Achievement Award

- Hongzhe Sun (Hong Kong University)

ICBIC20 – Adelaide, Australia

The registration for ICBIC20 is now open – jump in to reserve your spot! The conference will take place July 16–21, 2023 in Adelaide, Australia. Check out the conference webpage for further details www.icbic2023.org. Hugh Harris and his team have compiled a fabulous list of speakers celebrating all aspects of bioinorganic chemistry <https://icbic2023.org/speakers>.

Importantly, the **Call for Abstracts** closes on March 20 and the **Early Bird registration** closes on April 6. Furthermore, don't miss out on **SBIC Travel Bursaries available** for students and postdocs who are

current members of the Society for Biological Inorganic Chemistry. Most attendees will need to apply for visa – more information can be found here <https://icbic2023.org/visa-information.php>.



VIII LABIC – Viña del Mar, Chile

The next LABIC meeting is approaching quickly – it will take place Viña del Mar, April 25–29, 2023! The **deadline** for the submission of **abstracts** has been extended until March 21. Check out the conference webpage for further details www.labic2023chile.cl. SBIC members enjoy discounted registration fees and will support Ph.D. students and postdocs with travel grants to participate in the VIII LABIC.



Congratulations

We are keen to profile the success of our SBIC members and highlight recent awards and accolades. If you have received an award or know of someone who has received recognition for their work, please email the information to [Christian Hartinger](mailto:Christian.Hartinger@sbic.org). Great to see how many bioinorganic chemists are recognized for the hard work and achievements – congratulations everyone!

Congratulations to **R. David Britt** (University of California, Davis) for receiving the Alfred Bader Award from the ACS!

Kathy Franz (Duke University) was selected as the 2022 ACS Southern Chemist.

Jan Reedijk (Leiden University) was awarded an honorary doctorate from Nicolaus Copernicus University in Toruń.

Congratulations to **Matt Hall** (NIH) who is the recipient of not one but two NIH Director Awards!

Ana Maria da Costa Ferreira (Universidade de São Paulo) received the 2022 Simão Mathias Medal of the Brazilian Chemical Society. Congratulations Ana Maria!



Kathy Franz
Duke University



R. David Britt
University of California,
Davis



Jan Reedijk
Leiden University



Matt Hall
Clemson University



**Ana Maria da
Costa Ferreira**
Universidade de São
Paulo

JBIC Cover 2023

The JBIC Cover Award for Issue 28 (2023) was won by Paul Walton. Paul and his group published a paper in JBIC on “Structural perturbations of substrate binding and oxidation state changes in a lytic polysaccharide monooxygenase (LPMO)” (JBIC 27 (2022) 705). Their cover design superimposes one of the LPMO enzymes from the group and its copper active site over the centre of a phylogram of the organisms in which this class of LPMOs is known to exist. The “copper histidine brace” that features prominently in the cover art is quite widespread across biology, including lytic polysaccharide monooxygenases (LPMOs), which catalyze the oxidative cleavage of polysaccharides. This cover design is a little different from previous ones as it shows not just an enzyme active site or compound, but the whole biology behind it (by the phylogenetic tree). Congratulations to Paul for this JBIC Cover 2023 design!

Nils Metzler-Nolte

Editor-in-Chief Journal of Biological Inorganic Chemistry



Journal of Biological Inorganic Chemistry (JBIC) highlights

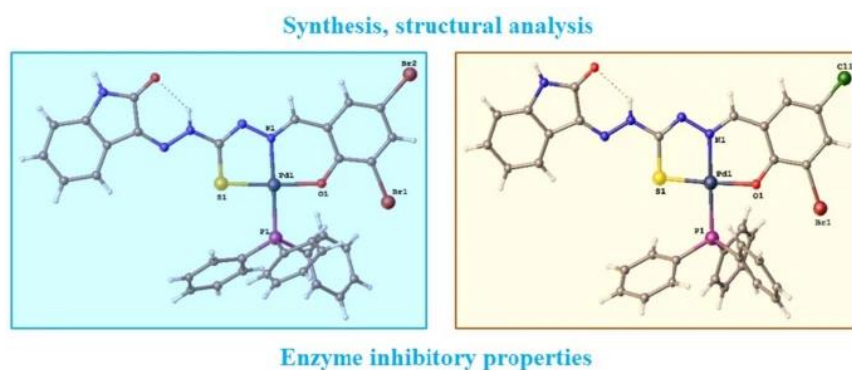
JBIC is the well-reputed journal of our society. Nils Metzler-Nolte is the Editor-in-Chief and in this role serves as a member of the SBIC Council. Nils always welcomes manuscripts with high impact results for publication in our journal. By submission of impactful articles to JBIC you demonstrate your active support of SBIC, our global learned society, regardless of whether you are a member of SBIC or not!

Here are some of the paper highlights recently published in JBIC and their full text is available free of charge for the next months. These articles have been selected by the journal Editor-in-Chief for their exceptional interest to members of the biological inorganic chemistry scientific community.

Yeliz Kaya , Ayşe Erçağ, Yunus Zorlu, Yeliz Demir, İlhami Gülçin

[New Pd\(II\) complexes of the bisthiocarbohydrazones derived from isatin and disubstituted salicylaldehydes: Synthesis, characterization, crystal structures and inhibitory properties against some metabolic enzymes](#)

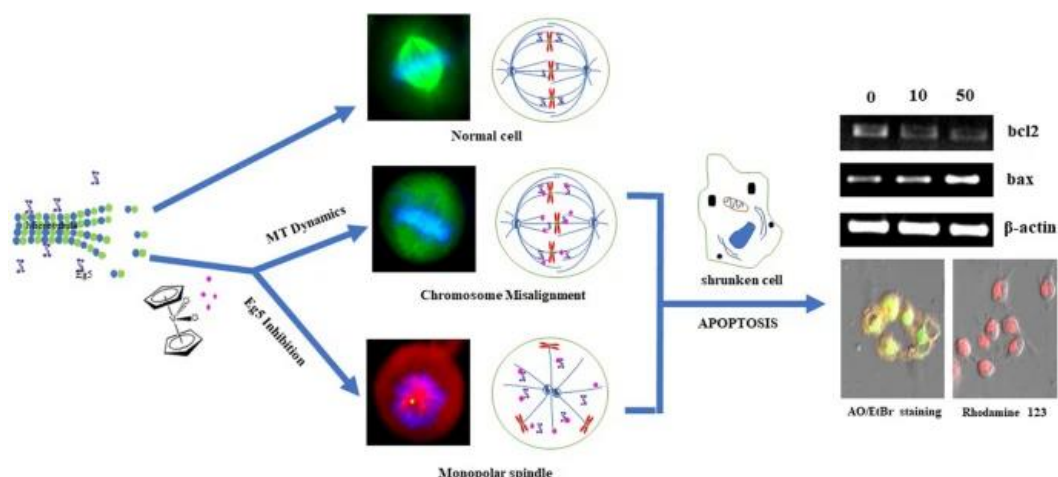
Pd complexes often stand back behind the much more investigated Pt. Here, Turkish colleagues comprehensively characterize Pd complexes that are potent enzyme inhibitors (CA and AChE).



Susobhan Mahanty, Darpan Raghav, Krishnan Rathinasamy

Vanadocene dichloride induces apoptosis in HeLa cells through depolymerization of microtubules and inhibition of Eg5

News on metallocene anticancer agents: This work from Kerala, India, demonstrates an effect of vanadocene dichloride on microtubule assembly dynamics and inhibition of a key enzyme for microtubule formation, thereby suggesting a new mechanism for this long-investigated class of compounds.



For your diary: Upcoming conferences supported by SBIC

- VIII Latin American Meeting on Biological Inorganic Chemistry (VIII LABIC) will be held in Viña del Mar, Chile, April 25–29, 2023. (www.labic2023chile.cl)
- CanBIC-8, May 23-27, 2023, Parry Sound, Ontario, Canada. (www.canbic.ca)
- Spanish Association of Bioinorganic Chemistry (AEBIN) biennial meeting, BioGranada23, Granada, Spain (June 5-7, 2023). (<https://bit.ly/3X2mINW>)
- 16th International Symposium on Applied Bioinorganic Chemistry, June 11 to 14, 2023, Ioannina, Greece. (<https://isabc2023.com>)
- ICBC 20, July 16–21, 2023, Adelaide, Australia. (www.icbic2023.org)

- International Symposium on Bioorganometallic Chemistry (ISBOMC21), September 18-21, 2023, Braunschweig, Germany. (<https://isbomc23.itubs.de>)
- 13th International Vanadium Symposium, Lisbon, Portugal, November 22-24, 2023. (<https://vanadium13.events.chemistry.pt>)
- 6th Symposium on Advanced Biological Inorganic Chemistry (SABIC), Kokata, India, January 7-11, 2024.



Call for applications for conference support

SBIC financially supports international meetings on subjects related to Biological Inorganic Chemistry organized by members of our society. At many of these conferences, SBIC members will pay special, discounted registration fees and students and early career members may be eligible for travel awards.

In order to be eligible for conference support, the conference organizers need to be SBIC members. Applications need to be sent to the SBIC Treasurer [Charles G. Riordan](#). Please include a detailed conference program. Diversity in gender, age, race, ethnicity, geography and research topics covering a broad range of biological inorganic chemistry is a prerequisite to obtain SBIC funding. Adequate representation from underrepresented groups, including women for Plenary and Keynote lectures in particular, and the program in general, must be demonstrated. A maximum of 2,000 US\$ (conferences) or 3,000 US\$ for student workshops will be granted to non-BIC conferences. All SBIC financial support is exclusively given out as SBIC travel bursaries to be awarded to young researchers (PhD students and postdocs), being SBIC members, and the financial support by SBIC must be acknowledged.

For ICBIC, AsBIC, EuroBIC and LaBIC, special funding rules apply. Please contact the SBIC Treasurer [Charles G. Riordan](#) for details.

National meetings and those organized by national chemical societies are not eligible for SBIC support, including Pacificchem Symposia.

DEADLINES for applications: March 1 and October 1 each year.

Stay in touch with SBIC: Follow us on our Social Media channels!

You have been included in this mailing list as a current member of the society or because you have attended a conference of the BIC series (ICBIC, EuroBIC, AsBIC, LABIC). If you would prefer not to

receive this information, please let us know and we will remove your email address from the distribution list. If you would like to receive the latest SBIC news on your social media feeds, like us on Facebook <https://www.facebook.com/officialSBIC/>, or follow us on Twitter <https://twitter.com/sbicofficial/>. If you would like to advertise your events or anything biological inorganic chemistry-related, please email [Christian Hartinger](mailto:Christian.Hartinger@sbic.org) with all the relevant information.

