

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

Welcome to the 2022.04 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.

SBIC Election Results

Thanks to everyone who participated in the election. We have now the results and we would like to congratulate our new council members:

Council member from AustralAsia:

Mi Hee Lim, KAIST, Korea

Council member from the Americas:

Elisa Tomat, Univ. Arizona, USA

We also would like to thank Akif Tezcan and Tapan Paine for their willingness to stand for council seats and we hope that they will be able to contribute to our society in other ways in future.

Call for Nominations for the SBIC Early Career Award

Each year SBIC awards an early career member of our society with the **SBIC Early Career Award**. The SBIC Early Career Award is the most competitive and valuable recognition of scholarly excellence in bioinorganic chemistry. SBIC Early Career Awardees receive a US\$2,000 prize and a commemorative plaque. The two most recent Awardees are invited to present an "SBIC Early Career Award Lecture" at the next ICBC. Please follow this link <http://sbichem.org/SBIC-Awards.aspx> for more information including nomination procedures.

DEADLINE: January 31, 2023

ICBIC 2023 – Adelaide, Australia

The registration for ICBIC 2023 is now open! It will take place July 16–21, 2023 in Adelaide, Australia. Check out the conference webpage for further details www.icbic2023.org



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 **Peter Sadler** (University of Warwick) for being awarded the 2022 Royal Society Davy Medal. Peter is in great company with previous recipients Robert Bunsen (1877), Dmitri Mendeleev (1882) and Pierre Curie and Marie Curie (1903) to name a few!

Hongzhe Sun (HKU) received a Grand Prize of Science and Technology Award of China Association for Instrumental Analysis.

Henryk Kozlowski (University of Wroclaw) was awarded the Jędrzej Śniadecki Medal of the Polish Chemical Society for outstanding scientific achievements of global importance in chemistry!

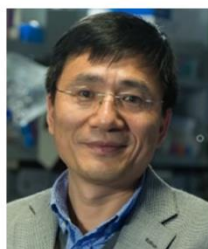
Franc Meyer (Georg-August-Universität Göttingen) is the recipient of the GDCh Prize for Inorganic Chemistry 2022.

Julia Brumaghim (Clemson University) was recently selected as a 2022 Fellow of the American Chemical Society

Congratulations to **M. Concepción Gimeno** (CSIC-Universidad de Zaragoza) who received the Rafael Uson Medal of the Organometallic Chemistry Division of the Spanish Royal Society of Chemistry.



Peter Sadler
University of Warwick



Hongzhe Sun
HKU



Henryk Kozlowski
University of Wroclaw



Julia Brumaghim
Clemson University



**M. Concepción
Gimeno**
CSIC-Universidad de
Zaragoza



Franc Meyer
Georg-August-
Universität Göttingen

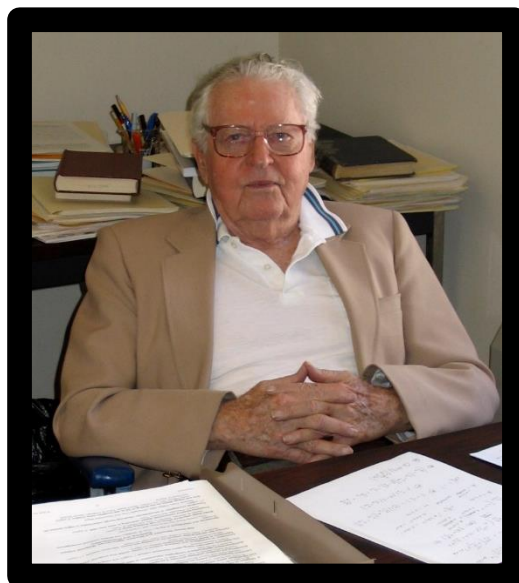
Obituary Ralph G. Pearson

SBIC is saddened by the loss of Ralph Pearson, a chemical visionary who contributed greatly to our understanding of mechanistic inorganic chemistry, that laid a foundation for the understanding of metal transformations in biological systems. Below is the obituary by Peter Ford (Department of Chemistry & Biochemistry, UC Santa Barbara):

The Department of Chemistry and Biochemistry at University of California Santa Barbara regrettably reports the passing of Professor emeritus Ralph G. Pearson on October 12, 2022 at the age of 103. Ralph joined the UCSB Chemistry Faculty in 1976 after distinguished teaching and research for 30 years at Northwestern University. He retired from teaching at UCSB in 1991, but continued to come into his office in the Department until he was in his 90's, where he carried out theoretical studies. His last journal publication appeared in 2011. Ralph was a highly cited researcher in Inorganic and Physical Chemistry, particularly well known for his introduction of the concept of Hard and Soft Acids and Bases. The high regard held toward him was demonstrated by election to the National Academy of Sciences and receiving the American Chemical Society National Award for Distinguished Service to Inorganic Chemistry and numerous other awards. Ralph was also well known for his authorship of "Mechanisms of Inorganic Reactions" (with Basolo), of "Kinetics and Mechanisms" (with Frost) and "Symmetry Rules for Chemical Reactions", texts that helped train several generations of graduate students and more senior researchers.

Peter Ford

Department of Chemistry & Biochemistry, UC Santa Barbara



Call for a JBIC Cover Art for 2023

JBIC is running a “JBIC Cover Competition” again throughout 2022: Corresponding authors of any paper published in JBIC in 2022 are invited and encouraged to make a suggestion for a cool JBIC cover art. The winning cover art will be shown on the cover of JBIC throughout 2023 (*i.e.* on eight issues of our journal), completely free of cost for the authors! The only condition is that the corresponding author is a member of SBIC. For suggestions and further information, please get in touch with JBIC Editor-in-Chief Nils Metzler-Nolte (jbic-eic@rub.de).

Deadline: November 30, 2022.

JBIC is looking forward to receiving your designs – so get creative everyone!

JBIC 2023
Journal of
Biological
Inorganic
Chemistry

*This could be your cover picture –
for a whole year and for free!
Send us your ideas!*



Journal of Biological Inorganic Chemistry (JBIC) highlights

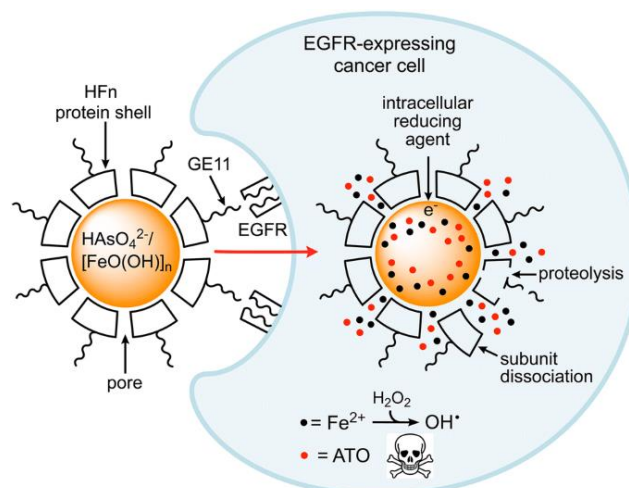
JBIC is the well-reputed journal of our society. Nils Metzler-Nolte is the Editor-in-Chief and in this role serves as a member of the SBIC Council. Nils always welcomes manuscripts with high impact results for publication in our journal. By submission of impactful articles to JBIC you demonstrate your 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.

Daniela Cioloboc, Donald M. Kurtz Jr.

Targeted cancer cell delivery of arsenate as a reductively activated prodrug

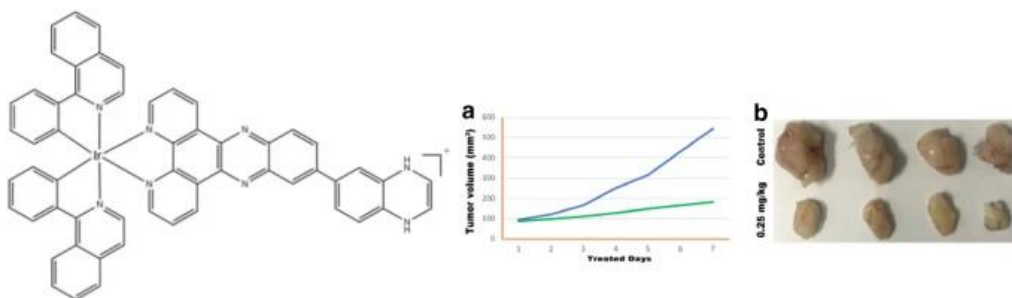
A modified, tumor-targeting ferritin is assembled with arsenate in place of phosphate, and then delivered selectively to tumor cells via an appended tumor-targeting peptide.



Yiying Gu, Haoyu Wen, Yuanyuan Zhang, Lan Bai, Yi Zhou, Huiwen Zhang, Li Tian, Jing Hao, Yunjun Liu

Studies of anticancer activity in vivo and in vitro behaviors of liposomes encapsulated iridium(III) complex

A new Ir complex is synthesized and encapsulated into PEGylated liposomes, giving superior cellular antiproliferative activity, apoptosis, and even anticancer activity in nude mice.



For your diary: Upcoming conferences supported by SBIC

- AsBIC 10, November 28–December 3, 2022, Kobe, Japan. (<https://www.asbic10.net/>)
- GRC Metals in Biology, January 22–27, 2023, Ventura, CA. (<https://www.grc.org/metals-in-biology-conference/2023>)
- 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)
- 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 21-24, 2023, Braunschweig, Germany. (<https://isbomc23.itubs.de>)



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 Pacifichem 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](#) with all the relevant information.

