

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

Welcome to the 2022.01 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! SBIC had a busy year last year despite the ongoing pandemic, with the eBIC the highlight. 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.

Membership Dues 2022 – Renew your Membership or Join the Largest Society in Biological Inorganic Chemistry

Many of you will have received reminders to renew your membership with SBIC. If you haven't received an email, please follow the link below and renew your membership or join SBIC. SBIC is highly appreciative of your ongoing support! You will also find your benefits listed for joining our society on that webpage.

JOIN TODAY: <https://sbic.memberclicks.net/join-today>

- Regular membership: \$100/yr (\$200 for 2 years; \$300 for 3 years)
- Discounted membership (member from Low GDP Country*, student, or emeritus): \$30/yr (\$60 for 2 years; \$90 for 3 years)

SBIC members are eligible for the [SBIC Early Career Award](#), and the [SBIC Student Travel Grants](#) for ICBIC and regional BICs. SBIC supports many conferences in the area of biological inorganic chemistry and we cannot do this without member support. SBIC members have access to the [Members Only](#) page on our website which includes seminars, educational resources and other content, such as full-text access to JBIC, SBIC's journal and Topics in Current Chemistry.

Deadline for Nominations for the SBIC Early Career Award extended to March 31

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 ICBIC. Please follow this [link](#) for more information including nomination procedures.

DEADLINE: March 31, 2022

Obituaries

It is with great sadness that we need to inform you of the passing of two members of our community, Prof. Ademir Neves and Prof. Ann Walker.

Ademir Neves

Prof. Ademir Neves (Universidade Federal de Santa Catarina, Brazil) passed away on January 30, 2022 in Florianópolis at age 70. Ademir was one of the founders of Brazilian bioinorganic chemistry and for 40+ years led a remarkable career defined by excellence. He mentored 60+ graduate students and post-docs currently in leadership positions in universities and industry around the world. With a legacy of 250+ published articles, he was an avid champion of his field and organized several international meetings such as the ICBIC 18 in 2017. He was a member of the Brazilian Academy of Sciences and a recipient of the National Order of Scientific Merit. A prolific scientist and gifted musician, he lived his life to the fullest, and is survived by his wife Rosely, their children Priscilla (Marcos), Pablo (Fernanada), and Barbara, and grandchildren Pedro and Davi. He will be dearly remembered by those touched by his enthusiasm and dedication.

Claudio Verani

Wayne State University, Detroit, USA



Frances Ann Walker

It is sad news that our colleague Frances Ann Walker (May 11, 1940–January 30, 2022), Regents Professor of the Department of Chemistry and Biochemistry, University of Arizona (*Emerita* since 2013), whom we all knew as Ann, passed away after a long illness. Ann was an outstanding bioinorganic chemist and spectroscopist, a highly respected and excellent mentor, and a tireless and meticulous collaborator. All through the years, she devoted endless energy to her research work in the lab and teaching. She provided invaluable service to our bioinorganic chemistry community as Associate Editor of the Journal of the American Chemical Society (1998-2010). In 2002, Ann received the ACS Garvan-Olin Medal for her service to the profession of chemistry, her outstanding success in research, and her commitment to training students in research. She was elected Chair of the Gordon Research Conference on Metals in Biology in 2003. In 2006, she received the ACS Alfred Bader Award in Bioinorganic or Bioorganic Chemistry for her significant and lasting contributions to the understanding of metalloporphyrins and heme proteins. In 2020, Ann obtained the Eraldo Antonini Lifetime Achievement Award from the International Society of Porphyrins and Phthalocyanines. Her major contributions are related to the detailed elucidation of the electronic and molecular structure of iron porphyrin cofactors in natural paramagnetic macromolecules and their synthetic models, using a combined approach of multi-dimensional NMR, pulsed EPR, ^{57}Fe NMR and Mössbauer spectroscopies. Her amazingly comprehensive review articles and chapters on spectroscopy of paramagnetic metalloporphyrins and heme proteins will continue being a resource for young researchers. Last but not least, Ann was faithful, cheerful and enjoyed travelling all around the world, looking for different landscapes and cultures.

Anabella Ivancich

National Centre for Scientific Research (CNRS), Marseilles, France



Educational Resources

We encourage you to visit our [educational resources webpage](#) where we have accumulated links to important pedagogical information and lectures to aid in teaching inorganic and bioinorganic chemistry. We will be uploading new content to this area over the next month which includes advanced lectures on metals in medicine, metalloprotein design and metal uptake and homeostasis. If you are an SBIC member, you also have access to members-only content which is continuously growing. Follow this [link!](#)

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](#). Great to see how many bioinorganic chemists are recognized for the hard work and achievements – congratulations everyone!

Congratulations to **Vivian W.-W. Yam** (University of Hong Kong) who is the 2022 winner of the Josef Michl ACS Award in Photochemistry!

Tom Ward (University of Basel) is the recipient of the ISBOMC Award for Outstanding Achievements in Research in Bioorganometallic Chemistry.

Congratulations to **Jacqueline K. Barton** (Caltech) for being named the recipient of the Theodore William Richards Medal Award by the Northeastern Section of the American Chemical Society.

Isabel Moura (Universidade Nova de Lisboa) was elected Fellow of the European Academy of Sciences.

Abhik Ghosh (UiT) has received the Hans Fischer Lifetime Achievement Award in Porphyrin Science 2022.

Dennis Dean (Virginia Tech) was named a Fellow of The American Society for Biochemistry and Molecular Biology.

Our sincere apologies to **Liliana Quintanar** (CINVESTAV) who we announced in our last newsletter as the winner of a L'Oreal Women in Science Award in 2021. Liliana received this award in 2007.



Jacqueline K. Barton
Caltech



Tom Ward
University of Basel



Isabel Moura
Universidade Nova
de Lisboa



Vivian Yam
University of
Hong Kong



Abhik Ghosh
University of Tromsø



Dennis Dean
Virginia Tech

AsBIC Awards

One of the initiatives to promote the field of biological inorganic chemistry by AsBIC is through honoring outstanding researchers with biennially two Graeme Hanson Early Career Awards, the annual James Hoeschele Mid Career Award and the biennial AsBIC Outstanding Achievement Award. The James Hoeschele award was established with a donation by James Hoeschele.

The awards are open and applications should be submitted through the online form (links below; preferred) or via email. The application deadline is March 31, 2022. Please follow the links for the application guidelines for each award.

Graeme-Hanson-AsBIC Early Career Researcher Award: <https://forms.office.com/r/A5782UJZc8>

Contact: Prof Wee Han Ang (Secretary, AsBIC Steering Committee) ang.weehan@nus.edu.sg

James Hoeschele AsBIC Award: <https://forms.office.com/r/e2XRuwqbCG>

AsBIC Outstanding Achievement Award: <https://forms.office.com/r/JjFRS95GT0>

Contact: Prof Wonwoo Nam (Chair, AsBIC Steering Committee) wwnam@ewha.ac.kr

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!



Journal of Biological Inorganic Chemistry (JBIC) highlights

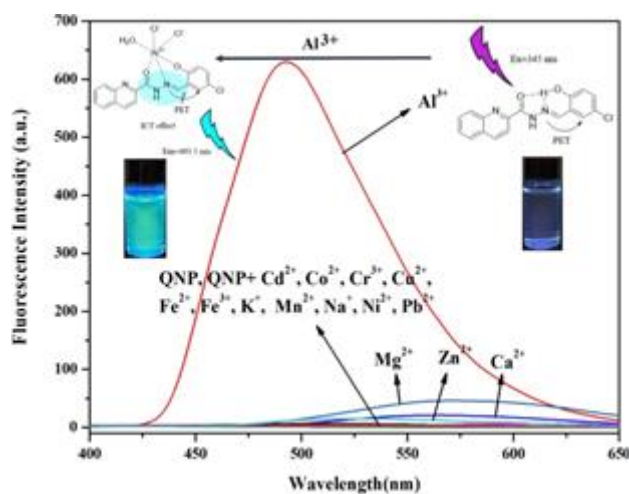
JBIC is the well-reputed journal of our society. Nils Metzler-Nolte is the Editor-in-Chief and in this role serves as a member of the SBIC Council. Nils always welcomes manuscripts with high impact results for publication in our journal. By submission of impactful articles to JBIC you demonstrate your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

Wen Lu, Jichao Chen, Jiuzhou Shi, Li Xu, Shilong Yang & Buhong Gao

[A novel quinoline-based turn-on fluorescent probe for the highly selective detection of Al\(III\) and its bioimaging in living cells, plants tissues and zebrafish](#)

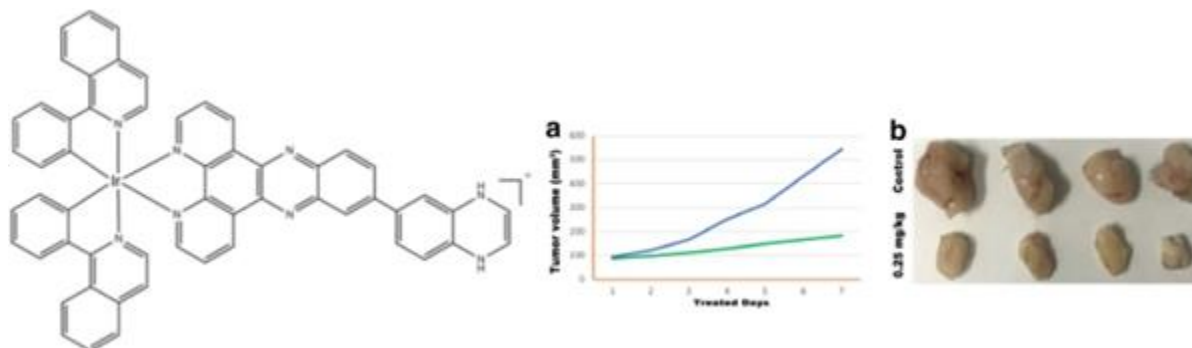
Colleagues from Nanjing describe a highly selective and sensitive fluorescent biosensor for a metal of potential biological concern, Aluminium.



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 liposomal preparation of an anticancer Ir complex inhibits tumor growth in mice, and is much more potent than the Ir complex alone.



For your diary: Upcoming conferences supported by SBIC

- GRC Metals in Medicine, June 26–July 1, 2022, Proctor Academy, NH (<https://www.grc.org/metals-in-medicine-conference/2022/>)
- International Conference on Metal-binding Peptides, July 5 - 8, 2022, Nancy, France (<https://www.sfgp.asso.fr/events/mbp-1st-international-conference-on-metal-binding-peptides-methodologies-and-applications-2020/>)
- EuroBIC-16, July 17–21, 2022, Grenoble, France (<https://eurobic16.sciencesconf.org>)
- 2022 Gordon Research Conference – The Roles of Tetrapyrroles in Catalysis, Regulation, Metabolism and Disease, July 17–22, 2022, Salve Regina University (<https://www.grc.org/chemistry-and-biology-of-tetrapyrroles-conference/2022>)
- 12th [International Copper Meeting](#), Sorrento, September 18–23, 2022.
- LABIC-8, Chile, November 2022
- AsBIC 10, November 28–December 3, 2022, Kobe, Japan (<https://www.asbic10.net/>)
- ICBIC 20, July 16–21, 2023, Adelaide, Australia (www.icbic2023.org)
- The next International Symposium on Bioorganometallic Chemistry (ISBOMC21) will be held in Braunschweig in 2023 (<https://www.tu-braunschweig.de/en/pharmchem/isbomc21>)



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](#) with all the relevant information.

