



Dear colleague,

On behalf of the **Organizing Committee** of the **7<sup>th</sup> International Symposium on Sustainable Base-metal Bio-extraction** in my capacity as President of SIPS 2022, I am personally inviting you to participate as an author/speaker. This major symposium focuses on the presentation and discussion of scientific and technological advances in bio-hydrometallurgy. The use of microorganisms for extracting metals has been shown as an alternative before the scarcity of reserves that have high metal contents such as industrial bio-hydrometallurgy, bio-desulphurization of mineral coal, bio-extraction of metals from electro-electronic scraps, etc. These and many others are among the topics of the symposium.

This symposium will be held as part of **SIPS 2022**, the combined **SIPS 2020/2021/2022**, an annual multidisciplinary summit, organized by the not-for-profit corporation FLOGEN Stars Outreach ([www.flogen.org](http://www.flogen.org)), which is dedicated to achieving sustainability through science and technology applied in various fields. It incorporates summit plenary lectures from well-known speakers that address the link between various domains in the pursuit of sustainable development, as well as specific scientific symposia featuring specialized presentations in a specific domain, with the same goals in mind. The symposium and overall summit are planned to be held in **Phuket, Thailand** from **November 27<sup>th</sup> – December 1<sup>st</sup> 2022**.

We have confirmed until now the participation of the following **9 Nobel Laureates**: Prof. Dan Shechtman, Prof. Didier Queloz, Prof. M. Stanley Whittingham, Sir Konstantin Novoselov, Prof. Aaron Ciechanover, Prof. Avram Hershko, Prof. Kurt Wüthrich, Prof. Ferid Murad, and Sir Richard J. Roberts. In addition to this we have also confirmed the attendance of **distinguished guests**: Prof. Subra Suresh, President of NTU, Prof. Donna J. Nelson, 2016 President, American Chemical Society, as well as new additions: **Prof. Nektarios Tavernarakis**, Vice President, European Research Council and **Prof. Luis Echegoyen**, 2020 President, American Chemical Society.

Information about this symposium, SIPS 2022, and **abstract submission** can be found in the official invitation: [https://www.flogen.org/sips2022//pdf/Bioextraction\\_General\\_Author\\_Invitation.pdf](https://www.flogen.org/sips2022//pdf/Bioextraction_General_Author_Invitation.pdf)

Pertinent information from our website:

- Some videos from previous **SIPS Symposiums** are presented here: <https://flogen.org/?p=71>
- **SIPS impressions** over the years: <https://www.flogen.org/?p=110>
- **Video impression** over the years: <https://www.flogen.org/?p=79>
- **Highlights** of FLOGEN and SIPS activities <https://www.flogen.org/?p=105>

- **Hall of Fame**: <https://www.flogen.org/?p=92>

As an invitee, if you prefer to deliver a presentation with a wider scope for one of the listed topics, or on a new specialized topic of your choice, we would be pleased to take it into consideration for a possible nomination as an Invited or Keynote Lecture. In this case, please send us an email at the same address, which should indicate your interest and include a draft abstract.

The papers will be double peer reviewed and published in the official Publication entitled: **“7<sup>th</sup> International Symposium on Sustainable Base-metal Bio-extraction”** containing ISBN and ISSN numbers, and indexed by Google Scholar joining the existing 3000 SIPS articles (<https://bit.ly/3qRrdGt>) . Furthermore, many papers will be subsequently published as part of a special volume of the relevant Journal dedicated to this symposium.

As of July 1<sup>st</sup> Phuket, Thailand has **removed its quarantine restrictions for the majority of fully vaccinated travelers**. For more information about these changes please view the link below: <https://www.flogen.org/sips2022/page.php?p=100#4>

An overview of previous SIPS held at various locations all over the world (USA, China, Mexico, Turkey) can be found here: <https://flogen.org/?p=32&an=2002>

The symposium is the optimal conference to present your most recent work, listen to the latest achievements of your colleagues, and interact with well-known experts from diverse fields of industry, academia, and politics. We hope your participation will enable your organization to improve efficacy and implement the best sustainable research and industrial practices.

It would be a great pleasure to have you join us. We are looking forward to hearing from you.

Dr. Florian Kongoli  
President  
SIPS 2022 Organizing Committee

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**FLOGEN Stars OUTREACH**

*(Not-for-profit corporation)*

Giving STAR Power to Scientists, Technologists and Engineers and to People Who Help Them  
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