IUPAC-Zhejiang NHU International Award for Advancements in Green Chemistry

IUPAC and Zhejiang NHU have established a new collaborative award in Green Chemistry encouraging young and experienced chemists, and emphasizing the importance of advancements in Green Chemistry and the value of sciences to human progress. This newly established award covers all the topics of Green Chemistry, such as Green and Renewable Feedstocks, Green Synthetic Routes, Green Solvents, Green Catalysis, Green products, Green Energy, and as broadly defined by OECD as Sustainable Chemistry.

The objective of this award is to encourage young professional chemists and experienced chemists of the importance of advancements in Green Chemistry and the value of experimental sciences to human progress. IUPAC- Zhejiang NHU International Award includes several awards.

Three prizes will be awarded to three early career chemists, 2,000 US$ each, who have received their Ph.D. (or equivalent) degree, or completed all Ph.D. requirements including successful defense of their doctoral thesis within the last 3 years (2016-2018). Qualified PhD chemists will be evaluated based on the quality of their theses work. Application requires submission of a completed entry form, including an essay submitted by the entrant that describes his or her research work and places it in perspective relative to current research in Sustainable Chemistry. The essay must be written in English by the entrant and may not exceed 1000 words.

One prize will be awarded to an experience chemist (10,000 US$) who should have made significant contribution to green/sustainable chemistry throughout their career.

The Awards will be presented every two years and will highlight the work of the winners in progressing Green Chemistry in their applications and will disseminate it to the attention of a wider global audience. All scientists are eligible irrespective of gender and nationality. Winners of this award will be expected to submit a review article for publication in *Pure and Applied Chemistry* in the year following their award.

The first awards will be presented at the 2019 IUPAC World Chemistry Congress to be held in Paris, France, 7-12 July 2019.

Complete applications must be received via the submission form no later than **30 April 2019.**

https://iupac.org/iupac-zhejiang-nhu-international-award/

IUPAC Provisional Recommendations

Provisional Recommendations are preliminary drafts of IUPAC recommendations on terminology, nomenclature, and symbols, made widely available to allow interested parties to comment before the recommendations are finalized and published in IUPAC's journal *Pure and Applied Chemistry* (*PAC*). Full text is available online.

Recommendations and Terminology for Lactic Acid-Based Polymers

Lactic acid enantiomers and cyclic lactic acid dimers, the latter referred to as lactides, are sources of degradable aliphatic polymers that are composed of chiral constitutional repeating units. The different synthesis routes and the various combinations of chiral units result in a multitude of chiral structures and of corresponding properties. Distinctive structural identification is often crucial, especially for applications as degradable polymers. This document provides recommendations for the nomenclature, abbreviations, and terminology related to lactic acid-based polymers in order to allow consistent comparison between polymers of different origins and between data collected within different disciplines.

Comments by 31 May 2019

Corresponding Author: Michel Vert / michel.vert@umontpellier.fr

Definition of the Chalcogen Bond

This recommendation proposes a definition for the term "chalcogen bond"; it is recommended the term is used to designate the specific subset of inter- and intramolecular interactions formed by chalcogen atoms wherein the Group 16 element is the electrophilic site.

Comments by 31 May 2019

Corresponding Author: Giuseppe Resnati / giuseppe.resnati@polimi.it