Summary

Dear Colleagues,

Organic electrosynthesis has existed for nearly 200 years since Faraday’s pioneering decarboxylative conversion of acetic acid to ethane (1830), yet electrosynthesis has not had a sustained impact on the field of organic synthesis, until now. In the past few years, the field of electrosynthesis has undergone a renaissance in popularity with examples such as the elegant electrosynthesis of Dixiamycin B, a natural product that was intractable by conventional synthesis, to standardised electrosynthesis reactor development for reproducible and scalable synthesis. We are now in the midst of a more widespread adoption of electrosynthesis techniques in organic synthesis.

In this special edition we invite short communications from colleagues in organic electrosynthesis who have used electrosynthesis in their synthetic campaigns. In particular, we invite papers on the use of electrosynthesis in the spectrum of organic transformations such as natural product, medicinal chemistry and functional group manipulation. The scope of this special edition will also allow for mechanistic studies and advances in reaction design including electrocatalysis to be summarised in one edition.

This forthcoming Special Issue of Molecules entitled “Advances in Organic Electrosynthesis” will be devoted to this synthesis where the electron is the reagent, covering recent key findings in the above fields of research. We look forward to reading your contribution.
Dr. Alan M Jones

*Guest Editor*

**Keywords:**

- electrosynthesis
- electrocatalysis
- synthetic methods
- green chemistry