

Portrait



Biography

Marc Kielmann Bolten studied Chemistry (B.Sc.) and Medicinal and Natural Product Chemistry (M.Sc.) at the Leibniz Universität Hannover, working with Prof. Andreas Kirsching and Prof. Holger Butenschön.

After that, he successfully pursued his Ph.D. studies in the group of Prof. Mathias O. Senge at Trinity College Dublin, working on methods development and the synthesis of nonplanar porphyrins for use as organocatalysts and sensors.

Subsequently, he stayed as a EU-funded Postdoctoral Researcher with Prof. Senge, acting as liaison for the multinational research collaboration INITIO.

Marc joined the Beilstein-Institut as Scientific Editor in 2019 and is currently Managing Editor of the *Beilstein Journal of Organic Chemistry*. More recently, he was appointed as project coordinator for new funding initiatives at the Beilstein-Institut. His professional interests include publication ethics and digital/technical innovation in chemistry publishing.

Title and Abstract

Opening up the editor's tool kit: Insights on manuscripts and FAIR data in chemistry publishing

In the past, editorial processes at scientific journals were often seen as a black box: manuscripts went in, and published papers came out, with little visibility into what happened in between. This lack of transparency left many authors unsure about how decisions were made. Today, this metaphor is far from the truth.

Since then, scientific publishing has evolved significantly, with a growing emphasis on openness and transparency. Most reputable publishers now share information that was once unclear or hidden, such as journal metrics, editorial policies, and details about the manuscript workflow.

In an effort to make the publishing process even more transparent, and to battle the increasing problems with scholarly misconduct, many publishers are requesting authors to provide FAIR data upon submission to support their publication. This is to meet modern publishing standards and the requirements of the scientific community. However, there are still unwritten rules, tricks of the trade, and best practices that, when taken into account, can improve an author's chances of getting published.

This talk aims to offer practical advice for aspiring authors and to spark curiosity about scientific publishing. It will open up the editor's tool kit and provide curated insights into an editor's perspective on topics such as manuscripts evaluation, good publication ethics, and FAIR data.

