

Nils Hoffmann

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Biography

Dr. Nils Hoffmann is a bioinformatics researcher with extensive experience in lipidomics and metabolomics. Currently, he works as a Compute and Interoperability-Platform coordinator and Post-Doctoral Researcher at Forschungszentrum Jülich in Bielefeld, Germany. In this role, he is part of the ELIXIR Germany department, specifically working with the German network for bioinformatics infrastructure (de.NBI) and the European life-sciences Infrastructure for biological Information (ELIXIR). Nils serves as a member of the EOSC task force on technical interoperability.

As a researcher, Nils has made significant contributions to the field of lipidomics. His research focuses on harmonization and standardization of data exchange formats for mass spectrometry data to facilitate data integration. He collaborates with international organizations such as the Human Proteome Organization's Proteomics Standards Initiative (HUPO-PSI), the Metabolomics Society, the International Lipidomics Society and the Research Data Alliance.

In addition to his research experience, Nils also co-leads the governance for the federated scientific cloud infrastructure de.NBI Cloud and the software development team that creates and maintains the de.NBI cloud application and project management portal. Furthermore, he coordinates the de.NBI cloud locations' technical harmonization activities and facilitates their information security management system certification process and co-leads the de.NBI special interest group on cloud computing.

