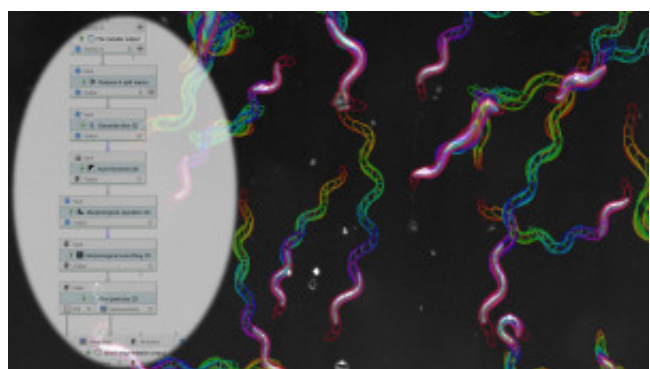


Scientific image analysis for everyone

New JIPipe software enables automated analysis of image data without programming knowledge

January 31, 2023



JIPipe can be used, for example, to analyse the movement profiles of nematodes. Source: Hannah Büttner, Zoltán Cseresnyés, Ruman Gerst

The software JIPipe was developed by scientists at the Leibniz Institute for Natural Product Research and Infection Biology (Leibniz-HKI) and significantly simplifies the analysis of images generated in research. Users can create flowcharts according to their application needs and thus perform automatic image analyses using artificial intelligence without any programming knowledge. JIPipe was developed by ILRS doctoral researcher Ruman Gerst together with Zoltán Cseresnyés in the research group of Marc Thilo Figge. It is based on ImageJ, a standard program for scientific analysis of biomedical microscopic images. The authors now present their development in *Nature Methods*.

Link to the press release:

<https://www.leibniz-hki.de/en/press-release/scientific-image-analysis-for-everyone.html>

Original publication:

Gerst R, Cseresnyés Z, Figge MT (2023) JIPipe: visual batch processing for ImageJ. *Nature Methods*, doi: [10.1038/s41592-022-01744-4](https://doi.org/10.1038/s41592-022-01744-4)

