



Under the Hood Seminar
February 5, 2025
10:30 AM

Lecture Hall (00.187) at BioZentrum I, Hanns-Dieter-Hüsch-Weg 15, 55128 Mainz

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Enhancing interpretation of omics data

In an era where omics data generation became a standard tool to answer biological and medical research hypotheses throughout many application scenarios, the analysis and interpretation could be considered the next bottleneck to unlock its full potential.

I will present some ideas and tools that aim to solve this problem, by combining interactivity and reproducibility of the performed analyses, showcasing our R/Bioconductor packages iSEE and GeneTonic for efficient exploration and integration of omics data (including examples with bulk and single-cell RNA-seq).



The IQCB seminar series "Under the Hood" provides a forum for scientists at all career levels to present the technical side of their research. Talks are aimed at an audience interested in the methods, algorithms, and programs used to address a specific research question. "Under the Hood" talks stimulate lively discussions among researchers facing similar computational challenges in their research, lead to transfer of technical knowledge and ideas and promote collaboration.

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