**KEGG/ORA/GSEA富集**

Clusterprofiler：

[📖 Introduction | Biomedical Knowledge Mining using GOSemSim and clusterProfiler (yulab-smu.top)](https://yulab-smu.top/biomedical-knowledge-mining-book/index.html)

**斑马鱼富集数据库**

[Bioconductor - org.Dr.eg.db (development version)](https://www.bioconductor.org/packages/devel/data/annotation/html/org.Dr.eg.db.html)

**富集结果呈现**

goplot

[GOplot (wencke.github.io)](https://wencke.github.io/)

Enrichplot

[Bioconductor - enrichplot](https://bioconductor.org/packages/release/bioc/html/enrichplot.html)

ggplot2

**特定kegg pathway呈现：**

[Bioconductor - pathview](https://bioconductor.org/packages/release/bioc/html/pathview.html)

**网络分析**

String

R包：[Bioconductor - STRINGdb](https://bioconductor.org/packages/release/bioc/html/STRINGdb.html)

网页工具：[STRING: functional protein association networks (string-db.org)](https://string-db.org/)

软件：cytoscape

**多组学分析**

MOFA：[Tutorials | Multi-Omics Factor Analysis (biofam.github.io)](https://biofam.github.io/MOFA2/tutorials.html)

Partial least squares-discriminant analysis：

[plasma: Partial LeAst Squares for Multiomics Analysis (r-project.org)](https://cran.r-project.org/web/packages/plasma/vignettes/plasma.pdf)

**绘图工具**

[Scientific Image and Illustration Software | BioRender](https://www.biorender.com/)

通路绘图：[IBS: Illustrator for Biological Sequences (biocuckoo.org)](http://ibs.biocuckoo.org/)

网络分析绘图：Gephi