

# News from the Bioconductor Project

by *Bioconductor Core Team*

The [Bioconductor](#) project provides tools for the analysis and comprehension of high-throughput genomic data. Bioconductor 3.6 was released on 31 October, 2017. It is compatible with R 3.4.3 and consists of 1473 software packages, 326 experiment data packages, and 911 up-to-date annotation packages. The [release announcement](#) includes descriptions of 100 new software packages, and updated NEWS files for many additional packages. Start using Bioconductor by installing the most recent version of R and evaluating the commands

```
source("https://bioconductor.org/biocLite.R")
biocLite()
```

Install additional packages and dependencies, e.g., [BiocFileCache](#), with

```
BiocInstaller::biocLite("BiocFileCache")
```

[Docker](#) and [Amazon](#) images provide a very effective on-ramp for power users to rapidly obtain access to standardized and scalable computing environments. Key resources include:

- The [bioconductor.org](#) web site to install, learn, use, and develop Bioconductor packages.
- A listing of [available software](#), linking to pages describing each package.
- A question-and-answer style [user support site](#) and developer-oriented [mailing list](#).
- The [F1000Research Bioconductor channel](#) for peer-reviewed Bioconductor work flows.
- Our [package submission](#) repository for open technical review of new packages.

Our [annual conference](#), still in the planning stages, will be on July 25 ('Developer Day'), 26, and 27, in Toronto, Canada.

*Bioconductor Core Team*  
*Biostatistics and Bioinformatics*  
*Roswell Park Cancer Institute, Buffalo, NY*  
USA [maintainer@bioconductor.org](mailto:maintainer@bioconductor.org)