



Bioconductor Award 2020

Certificate

Aaron Lun

For outstanding contributions to the Bioconductor project and community

Aaron has been instrumental in developing and supporting a large number of highly influential and rapidly adopted Bioconductor packages over the past years. These packages span a broad range of application areas, from ChIP-seq and Hi-C to single-cell RNA-seq, where Aaron has developed or maintains many software packages (including batchelor, scran, scater, DropletUtils, and SingleR) as well as a workflow package. Moreover, Aaron has contributed important low-level infrastructure packages for python integration and support of a wide collection of matrix formats, increasing the capabilities and making many “heavy lifting” steps possible directly within the Bioconductor ecosystem. In addition to package development, Aaron is extremely active on the support site and writes excellent documentation and easy-to-follow vignettes, enabling users to get the most out of his software. A recent highlight is the Orchestrating Single Cell Analysis online book, for which he wrote a large part. With his engagement and knowledge, he is a model for many aspiring Bioconductor developers, and regularly reaches out to engage and provide support and mentorship to new contributors, thereby growing the Bioconductor developer community.

Boston, July 2020

Simone Bell

Charlotte Soneson

on behalf of the Bioconductor Awards Evaluation Committee