

Bioc Technical Advisory Board Minutes

4 June 2026

Present: Gabriele Sales, Kasper D Hansen, Anthony Christidis, Vince Carey, Hugo Gruso, Robert Castelo, Lori Kern, Marcel Ramos, Henrik Bengtsson, Rafael Irizarry, Ludwig Geistlinger, Hervé Pagès, Helena Crowell

Absent: Wolfgang Huber, Jacques Serizay, Laurent Gatto, Levi Waldron, Michael Lawrence

:00 - :05 May [TAB minutes](#) approved.

:05 - :30 Spotlight talk [[slides](#)].

- Ludwig Geistlinger & Anthony Christidis on “Bioc x Harvard Med: Data, Methods, and Software”.
- Developer Forum talk by Anthony:
[AI Workflows for Biomedical Data Science](#)
- Thoughts on leveraging AI for Bioc:
 - Rag-type LLM for documentation search to assure consistent behavior of new code.
 - Agentic assurance of interoperability.
- [Hedgehog](#) package for property-based testing.

:30 - :45 New single package builder system (Lori).

- <https://github.com/bioconductor/BiocContributions>
- Scheduled to roll out next week.

:45 - :50 [os4ls](#) letters of intent due 8 June.

- During the webinar, Bioconductor was mentioned a few times by the project officer.
- We should coordinate statements on "landscape".
- Applications from Bioc might be merged together by the program officer; we could inquire with an email to info@ or just send them all in and see what happens.

:50 - :52 Parallelization & system requirements.

- [futureverse](#) by Henrik.
- Impacts on BiocParallel (deprecation? to become a wrapper?)

:52 - :54 [Working group](#) updates? None.

- 18 groups currently listed:

BiocAsia	Hackathon planning	Package reviews
Classes	Mass spectrometry	R-ladies and Bioc
Code of conduct	Microbiome	Social media
Conference planning	Multilingual	Spatial
EDAM collaboration	Histopathology	TeSS
Education	Package triage	Workflows (skills?)
- Group leads should populate agenda with updates in advance; reach out to encourage this more?

:54 - :60 Open floor: AI.

- Strategies to familiarize community with incorporating AI (self-review, unit tests might be good to test the waters)
- Agentic skills and coding methods (provisional aggregating package: [BiocAgentSkills](#))