

Methods for:

- Rapid brain dissection and processing
- Postmortem ex vivo MRI
- Tissue processing
- Standard neuropathological diagnostic workup
- Imaging and quantitative analysis via HALO imaging software
- Luminex ABeta and Tau protein quantification

are described in the following book chapter:

Latimer, C.S. *et al.* (2023). Protocol for the Systematic Fixation, Circuit-Based Sampling, and Qualitative and Quantitative Neuropathological Analysis of Human Brain Tissue. In: Chun, J. (eds) Alzheimer's Disease. Methods in Molecular Biology, vol 2561. Humana, New York, NY.
https://doi.org/10.1007/978-1-0716-2655-9_1

A recent preprint on UC Irvine's methods for obtaining and processing brains for BICAN, describes a nearly identical approach for rapid brain dissection and processing, postmortem ex vivo MRI, and tissue processing (among other components less relevant for SEA-AD ([Berry, et al 2026](#))).