## **Supplemental information**

## Microglia states and nomenclature:

## A field at its crossroads

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## Questions

- 1. How do you define yourself? (if more than one, assign order)
  - a. Neuroscientist/Neurobiologist
  - b. Immunologist
  - c. Neuroimmunologist
  - d. Other
- 2. Do you think that microglia can be subdivided in closed/fixed categories based on their morphology, marker expression or transcriptional profile? Or do you think those categories are meaningless?
- 3. Do you think microglial responses are all-or-nothing or is there a continuum?
- 4. What is your opinion on the different microglial nomenclature historically proposed:
  - a. Resting vs Activated
  - b. M1 vs M2
  - c. Homeostatic vs DAM
  - d. Do you think that these different nomenclatures are related?
  - e. How often do you use them?
  - f. Do you think the community should replace these with a consensus nomenclature?
  - g. Do you think that having a consensus nomenclature is useful for the field?
- 5. What is your definition of "marker"? Which ones are relevant to study microglia? For which purposes you use them?
- 6. Is phenotyping (even with sophisticated methods such as scRNAseq) sufficient to assess microglial function?
- 7. What is your definition of neuroinflammation?
- 8. Do you agree with the assumption that neuroinflammation is always detrimental?
- 9. How similar do you think microglia are to other resident macrophages?
- 10. Are there any other points you would like to bring up?