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Myths and truths about the cellular composition of the human brain: a review of influential concepts

Running Title: Myths and truths about the human brain

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Highlights

- The myth of a 10:1 glia-neuron ratio in human brains has been debunked
- The myth of one trillion glial cells in human brains has been debunked
- The number of cortical neurons does not decline significantly in normal aging
- All counting methods benefit from calibration and validation

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