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Understanding the role of neural activity in language acquisition

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Understanding the Role of neural activity in language acquisition

Tahereh Karami Shoar

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All of us have seen peoples whose language abilities are different from the majority of society. Being a minority always brings difficulties in people's lives. We, neuroscientists, believe that the roots of every trait, characteristic, and behavior are established in the brain. Our brain can talk to us about it if we would be able to learn its language; that is my goal for pursuing my research. The most straightforward process for clinical purposes is when participants/patients rest and not doing any specific task. So, in my research, the participants, who are children, will do nothing for a few minutes while their brain signals will be recorded using a specific tool called electroencephalography. Based on the previous research, we hope that the brains of children with different language abilities will show us some specific signals, assisting us for early diagnosis and, therefore, early intervention.