

Propositions

Belonging to the thesis

Functional MRI of language processing and recovery

1. Language lateralization in the cerebellum can be considered as an additional diagnostic feature to determine language dominance in brain tumor patients, irrespective of handedness. (this thesis)
2. The more strongly language activation is lateralized in a cerebral hemisphere, the more strongly the contralateral cerebellar hemisphere is involved. (this thesis)
3. The combination of melody and meaning in the auditory input is crucial for the facilitatory effect of Melodic Intonation Therapy. (this thesis)
4. Contrary to common belief, language activation is more commonly left than right lateralized in the chronic phase after stroke independently of aphasia severity. (this thesis)
5. Phonological and semantic processing recruit different portions of the left IFG both in productive and receptive language. (this thesis)
6. Chomskians don't believe neuroscientists will find linguistic tree structures lurking in dendritic branching patterns nor do Bayesians expect to find $P(A|B)$ spelled out by collections of neurons doing Y-M-C-A dance moves. (Gregory Hickok)
7. A major challenge in clinical fMRI of language is to design a task that not only focuses on the language deficit but also on the amazing ability of the brain to keep language alive.
8. If we knew what it was we were doing, it would not be called research, would it? (Albert Einstein).
9. If you talk to a man in a language he understands, that goes to his head. If you talk to him in his language, that goes to his heart. (Nelson Mandela)
10. Words are unnecessary to express real feelings and build pure trust.
11. There comes a time in every woman's life when the only thing that helps is a glass of champagne. (Bette Davis)