Neurolinguistics Lab

Research

Read more about our research in our [lab website](https://elsc.huji.ac.il) [1].

We study the neural bases of linguistic knowledge and processing. Linguistic knowledge (about how phonemes combines into morphemes and words, which in turn combine into complex meanings) is characterized by Linguistic Theory; processing ability stems from the implementation of this knowledge in cognitive structures that are supported by neural mechanisms. Our lab studies the intricate relation between these, that results in that rich ability that we humans have - the ability to express ourselves freely, and understands others who do so. We try to get a glimpse of the linguistic brain in health as well as in brain disease.

Our collaborators:

- [Katrin Amunts](https://www.medizin.uni-duesseldorf.de/144785.html) [2], University of Düsseldorf and Forschungszentrum Jülich
- [Isabelle Deschamps](https://www.univ-laval.ca/fils/public/IDeschamps.html) [3], Université Laval
- [Stefan Heim](https://www.rwth-aachen.de/klinik/16864.html) [4], RWTH University, Aachen and Forschungszentrum Jülich
- [Yonatan Lowenstein](https://www.elsc.huji.ac.il) [5], ELSC, Hebrew University
- [Angela Friederici](https://www.mpib-berlin.mpg.de/06_0916.htm) [6], Max Planck Institute for Cognitive & Brain Science

Contact us at [neurolinglab@mail.huji.ac.il](mailto:neurolinglab@mail.huji.ac.il) [7]
UPCOMING EVENTS

Learn more about our exciting upcoming events!

Studying at ELSC

Our Int'l Ph.D. program provides outstanding students with top-notch courses in computational neuroscience.

The Building

The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

ELSC Media Channel

Get into our media channel and investigate ELSC's latest videos: seminars, public lectures, courses and video articles.