

JUDIT GERVAIN

Date of Birth: 30th January 1978
Place of Birth: Szeged, HUNGARY
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EDUCATION

2009- research scientist
Laboratoire Psychologie de la Perception
CNRS – Paris 5 University (René Descartes)
2007-2009 post doctoral fellow
University of British Columbia, Vancouver, Canada
2002-2007 PhD in Cognitive Neuroscience
SISSA, Trieste, Italy
1998-2003 MA in Theoretical Linguistics
MA in English Language and Literature
MA in French Language and Literature
University of Szeged, Szeged, Hungary

CURRENT GRANTS

2011-2021 LabEx “The Empirical Foundations of Linguistics” (PI: Jacqueline Vaissiere)
2011-2013 ANR “Jeunes Chercheurs et Jeunes Chercheuses” grant (PI: Judit **Gervain**)
2011-2013 ANR French-German collaborative grant (PI: Olivier Pascalis)
2011 Fyssen Foundation Startup grant (PI: Judit **Gervain**)
2010-2012 EURO-XPRAG Call 3 Mobility Grant (co-PIs: Judit **Gervain**, Kriszta Szendroi, Barbara Hohle)

PUBLICATIONS

articles in peer-reviewed journals

Bernard, C. & **Gervain**, J. in preparation. “7-month-old Infants Expect Converging Cues to Word Order: The Joint Use of Word Frequency and Phrasal Prosody”.

Gervain, J., Guevara Erra, R. under review. “The statistical signature of morphosyntax: A Study of Hungarian and Italian Infant-Directed Speech”.

Cristia, A., Egorova, N., **Gervain**, J., Cabrol, D., Minagawa-Kawai, Y., Dupoux, E. under review. “Socially relevant language in the infant brain”.

Gervain, J. & J. Werker. under review. “Tuned to Grammar: Prosody Cues Word Order in Bilingual Infants.” *Nature Communications*.

- Gervain, J.**, R. Mazuka, N. Sebastián-Gallés, I. Laka, M. Nespors, J. Mehler. under review. “Bootstrapping word order through frequency: a French-Italian-Japanese-Basque cross-linguistic study”.
- Gervain, J.** & Werker, J.F. in press. “Learning Non-Adjacent Regularities at 7 months”. *Journal of Child Language*.
- Gervain, J.**, Berent, I., Werker, J.F. 2012. “Binding at birth: The newborn brain detects identity relations and sequential position in speech”. *Journal of Cognitive Neuroscience*. 24(3): 564-574.
- May, L., Byers-Heinlein, K., **Gervain, J.**, Werker, J. 2011. “Language and the newborn brain: Does prenatal language experience shape the neonate neural response to speech?” *Frontiers in Language Sciences*. 2:222.
- Geffen, M. N., **Gervain, J.**, Werker, J. F., Magnasco, M. O. 2011. “Auditory perception of self-similarity in water sounds”. *Frontiers in Integrative Neuroscience*. 5(15): 1-11.
- Gervain, J.**, J. Mehler, J. F. Werker, C. A. Nelson, G. Csibra, S. Lloyd-Fox, M. Shukla, & R. N. Aslin. 2011. “Near-Infrared Spectroscopy: A report from the McDonnell infant methodology consortium”. *Developmental Cognitive Neuroscience*. 1(1): 22-46.
- Yoshida, K.A., Iversen, J.R., Patel, A.D., Nito, H., Mazuka, R., **Gervain, J.**, & Werker, J.F. 2010. “The development of perceptual grouping in infancy: a cross-linguistic study”. *Cognition*. 115: 356-361.
- Gervain, J.** & J. Mehler. 2010. “Speech Perception and Language Acquisition in the First Year of Life”. *Annual Review of Psychology*. 61:24.2-21
- Gervain, J.** 2009. “Resumption in Focus(-Raising)” *Lingua*. 119, 687-707.
- Gervain, J.** & J.F. Werker. 2008. “How Infant Speech Perception Contributes to Language Acquisition”. *Language and Linguistics Compass*. 2(6): 1149-1170.
- Gervain, J.**, Macagno, F., Cogoi, S., Peña, M. & Mehler, J. 2008. “The neonate brain extracts speech structure”. *PNAS*. 105(37): 14222-14227.
- Gervain, J.** Nespors, M., Mazuka, R., Horie, R., Mehler, J. 2008. “Bootstrapping word order in prelexical infants: a Japanese-Italian cross-linguistic study”. *Cognitive Psychology*. 57(1):56-74.
- Gervain, J.** 2003. Where is the Lexicon? Comments to ‘Precis Of Foundations Of Language: Brain, Meaning, Grammar, Evolution by Ray Jackendoff’. *BBS*, 26:6, 678-679.
- Gervain, J.** 2003. “Syntactic microvariation and methodology: Problems and Perspectives”. *Acta Linguistica Hungarica*, 50(3-4): 405-434.
- Gervain, J.** 2002. “Az olvasás gyönyöre? “[The pleasure of reading? A state of the art report on dyslexia research]. *Pszichológiai Szemle* [The Hungarian Review of Psychology], 57(3):435-464.

book chapters

- Werker, J. & **Gervain, J.** in press. “Speech Perception and Phonological Development”. In: P.D. Zelazo (ed.): *The Oxford Handbook of Developmental Psychology*.
- Shukla, M., **Gervain, J.**, Mehler, J., Nespors, M. 2012. “Linguistic Constraints on Statistical Learning in Early Language Acquisition”. In Patrick Rebuschat and John Williams (eds.): *Statistical Learning and Language Acquisition*. Mouton de Gruyter.
- Gervain, J.** 2009. “A statisztikai tanulás és a szabálytanulás idegi alapjai” [The neural correlates of statistical learning and rule extraction]. In: Cs. Pléh, Gy. Kovács, B. Gulyás (eds.): *Kognitív Idegtudomány* [Cognitive Neuroscience]. Budapest: Oiris. 2009.
- Mehler, J., **Gervain, J.**, Endress, A. D. & Shukla, M. 2008. “Mechanisms of language

- acquisition: imaging and behavioral evidence.” In: C. A. Nelson & M. Luciana (eds.): *Handbook of Developmental Cognitive Neuroscience*. 2nd edition. Cambridge, Mass.: MIT Press.
- Mehler, J., M. Nespors, A. Endress & J. **Gervain**. 2008. “From Perception to Grammar”. In: A.D. Friederici & G. Thierry (eds.): *Early Language Development: Bridging Brain and Behaviour. Trends in Language Acquisition Research (TiLAR)*, Volume 5, Amsterdam: John Benjamins. 191-214.
- Gervain, J.** & G. Zemplén. 2005. “Focus-raising: A paradigmatic example of the treatment of syntactic variation”. In: L. Cornips & K.P. Corrigan (eds.): *Syntax and Variation: Reconciling the Biological and the Social*. Amsterdam: John Benjamins, 123-145.
- Gervain, J.** 2005. “Resumption and Movement in Hungarian Focus-Raising Constructions”. In: P. Siptár & C. Piñón (eds.): *Approaches to Hungarian 9*. Budapest: Akadémiai Kiadó.
- Gervain, J.** 2004. “The Syntax and the Semantics of the Resumptive Dependency in Hungarian Focus-raising Constructions”. In: B. Shaer, W. Frey & C. Maienborn (eds.): *Proceedings of the Dislocated Elements Workshop, ZAS Papers in Linguistics*, 35:1, 111-131.
- Gervain, J.** & Cs. Pléh. 2004. “Igevonzatok a magyar mondatmegértésben” [Verbal complements in Hungarian sentence processing]. In: Cs. Pléh & J. Gervain (eds.): *Láthatatlan megismerés* [Invisible Science - papers in cognitive science from the students of the Invisible College], Budapest: Osiris.
- Gervain, J.** 2001. “Adaptáció, exaptáció vagy csoda?” [Adaptation, exaptation or miracle? On the evolution of Language] In: Gy. Kamps & L. Ropolyi (eds.): *Evolúció és megismerés* [Evolution and Cognition]. Budapest: Typotex, 123-132.
- Gervain, J.** 2001. “When Chomsky meets Searle” In: A. Kertész (ed.): *The pragmatics of scientific discourse*. Frankfurt-am-Main: Lang Verlag, 113-133.