

## Publications.

Articles publiés dans des revues à comité de lecture \* co-authorship.

### Articles publiés & soumis.

1. Lasfargues-Delannoy A., Berland A, Cochard A., Husson H, Calmels MN, Tardieu J., Gaillard P., Barone P., Farrer C.\* Deguine O.\* The sensory room: Naturalistic evaluation of auditory and visual perception in developing children **PLoS One** (Submitted).
2. Strelnikov K., Gaillard P., Terrace J., Deguine O., Pins D. \*, Barone P. \* What does your face tell me about you? Evidence of a hierarchy in the social categorization of faces. PsyArXiv <https://psyarxiv.com/cgdym>
3. Alzaher M., Valzolgher C, Verdelt G., Pavani F., Farnè A., Barone P., & Marx M. Audiovisual training in virtual reality improves auditory spatial adaptation in unilateral hearing loss patients. **J. Clinical Medicine** 2023, 12(6), 2357.
4. Valzolgher C., Alzaher M., Gaveau V., Coudert A., Marx M., Truy E., Barone P., Farnè A. & Pavani F. Capturing visual attention with perturbed auditory spatial cues **Trends in Hearing** (2023) in press.
5. Strelnikov K., Debladis J., Salle J., Valette M., Cortadellas J., Tauber\* and Barone\* P. Amygdala hyperactivation relates to eating behavior: a potential indicator of food addiction in Prader-Willi syndrome **Brain Communication** 5 (3) (2023).
6. Alzaher M., Strelnikov K., Marx\* M. & Barone\* P., Brain plasticity and auditory spatial adaptation in patients with unilateral hearing loss **Cerebral Cortex** (2023) 33(11):7221-7236.
7. C. Karoui, K. Strelnikov, P. Payoux, A.-S. Salabert, O. Deguine, P. Barone\*, M. Marx\*. Cortical processing for sound location is restored after cochlear implantation in asymmetric hearing loss. Evidence from a PET H<sub>2</sub>O<sub>15</sub> study. **Cerebral Cortex** (2023) 3(5):2229-2244 2229-2244.
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13. Strelnikov K., Hervault M., L. Laurent and P. Barone. When two is worse than one for stopping an action: deleterious impact of multisensory stimulation on response inhibition. **PLoS One** (2021). 16(5): e0251739.

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16. Vannson N., Strelnikov, K., James, C., Deguine O., \*Barone P., and \*Marx M. Functional reorganization of the auditory dorsal stream during spatial hearing: evidence from unilateral hearing loss **Neuropsychologia** (2020) 149: 107683
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**Actes de colloques à comités de lecture.**

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2. A. Lasfargues-Delannoy, K. Streilnikov, S. Oudiz, O. Deguine, 2, M. Marx, P. Barone. Processing of visuo-auditory prosodic information in cochlear-implanted patients deaf patients. 14th International Conference on Auditory-Visual Speech Processing. Stockholm 2017
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### **Chapitres d'ouvrage.**

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3. M. Hoen, P. Barone et M. Marx (2016). *Surdit (s)*. Trait  de Neurolinguistique. Du Cerveau au Language. S. Pinto et M. Sato Editeurs. De Boeck Sup rieur: 249-264.
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