

Diane Rekow, PhD in Psychology

Biological Psychology and Neuropsychology
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33 years old, French citizenship



Summary of communications (full list attached)

ORCID: <https://orcid.org/0000-0003-3883-9998> HAL: <https://cv.hal.science/diane-rekow>
Peer-reviewed articles: 15 articles, including 7 as 1st author, 1 as senior author.
Other publications: 1 Book as co-Editor, 1 book chapter
Open Science: 5 articles available as preprint (3 as 1st, 1 as senior author), 2 preregistered reports.
Talks: 14 talks as presenter, including 6 in international conferences and 4 invited talk.
Posters: 28 posters, including 26 in international conferences (14 as 1st author).
Dissemination & media: over 10 events since 2020 and 9 communications in media.

Research and education

- 2023-25 **Postdoctoral** fellowship (Alexander von Humboldt, 24 months, *Determining the extent and development of face perception in sight-recovering infants and children*) PI: Dr. B. Röder, Biological Psychology and Neuropsychology – University of Hamburg, DE
- 2021-23 **Post doctorate** (24 months), ODORINFACE ANR project (*Odors shape the early development of face perception: EEG signatures in the infant brain*); PI: Dr. A. Leleu, DOCC Lab, Center for Smell, Taste and Feeding Behavior – Dijon, FR
- 2017-20 **PhD in Cognitive Psychology and Neuroscience** – Université de Bourgogne (defense: 18th Dec. 2020)
When your nose knows what you see. Multisensory development of visual categorization: Evidence from odor-driven face categorization in the human brain. Supervisors: Drs. J.-Y. Baudouin & A. Leleu, Center for Smell, Taste and Feeding Behavior – Dijon, FR
- 2017 **Master's Degree in Neuroscience and Behavioral Sciences** (ranked 1st) – Université Caen Basse Normandie, FR
- 2016 **1st year Master's in Ethology** – Université Rennes 1, Rennes, FR
- 2015 **Bachelor's Degree in Psychology** – Université Paris 8, FR
- 2012 **Bachelor's Degree in English Language & Culture** – Université Lumière Lyon II, FR

Teaching experience

- 2022 **Teaching assistant in English**, NEUcrest ITN Project (<https://neucrest.curie.fr/>), NUI Galway, Ireland – 15 hours.
Scientific communication (PhD Students)
- 2018-22 **Teaching assistant in French**, Psychology Department – Université de Bourgogne, FR – 150 hours.
Developmental Psychology (BSc 1st year), Statistics (BSc 3rd year), Epistemology & Methodology (BSc 3rd year).

Supervision

- 2024-28 **Co-supervision of doctoral theses**: Duygu Bayir (2024-2028, PhD), Pamina Lukasiewicz (2024-2025, MD)
Supervision of a master thesis: Hannah Zwad (2024-2025, Leiden University).
- 2017-21 **Co-Supervision of master theses**: Andréa Prino (2022), Sarah Saaif (2021) – PI: Dr. A. Leleu; Océane Jean (2017) – PI: Dr. J.Y. Baudouin

Grants & awards

- 2025 **Schilling Research Award 2025** from the German Neuroscience Society (10k€)
- 2024 **Research Funds**: Ideas and Venture Funds 2024 of University of Hamburg (University of Excellence Program), for the project "*Pilot studies on the development and plasticity of multisensory perception*" (Promotor, 15 months, 49 k€)
- 2023 **Best Poster** (1st author), Neurocog 2023, Brussels, Belgium (250 €)
- 2023-25 **Postdoctoral fellowship**, Alexander von Humboldt Foundation, 88 k€. *Host PI: Prof. Dr. B. Röder.*
- 2022 **Outstanding Dissertation Award**, awarded by the *International Congress of Infant Studies* (ICIS, \$ 500)
- 2021 **Best Poster** (2nd author), Neurocog 2021, Louvain-la-Neuve, Belgium.
Best Poster (1st author), ECRO 2021, Cascais, Portugal.
- 2020 **FENS Forum Travel grant** awarded by the French Society of Neuroscience (130 €)
- 2019 **Travel grant for an in-doctoral internship** at the Institut des Sciences Cognitives (Bron, FR) from the Doctoral School of the Université de Bourgogne (1000 €). *Host PI: Dr. J.-R. Hochmann.*
- Support Grants for Science communication** (as applicant and budget manager):
- from the French Society of Neuroscience (1000€/year): for the 2022 and 2023 Brain Awareness Week editions,
 - from Le Pavillon des Sciences (400€): for the National Science festival 2021.

Institutional responsibilities

- Since 2023 Manager of the Babylab of the University of Hamburg
- 2022-23 Local lead organizer (with Drs. C. Leloup, A. Benani and A. Leleu) of the *Brain Awareness Week*
- 2022 Local co-organizer of scientific seminars (with Dr. A. Benani and Dr. A. Leleu)
- 2021 Co-organizer of an international conference (with Drs. B. Schaal & M. Keller): 15th Edition of *Chemical Signals in Vertebrates*, (CSiV Nov. 2021 – online, ca. 100 attendees).
Lead organizer of scientific animations for the *National Science Festival* (2021, hybrid).

Editorial activities

- Book editing:** *Chemical Signals in Vertebrates 15*, co-edition with B. Schaal, M. Keller & F. Damon, for a 511-page book published by Springer Nature.
- Reviewing:** *World Journal of Pediatrics* (4), *Cerebral Cortex* (2), *eNeuro* (2), *Frontiers in Neuroscience* (1), *Neuroscience and Biobehavioral Reviews* (1), *Social Cognitive and Affective Neuroscience* (1), *Psychophysiology* (2), *Scientific Report* (2), *Biological Psychology* (3), *Journal of Experimental Psychology: Human perception and performance* (2), *Journal of Nonverbal Behavior* (1)
Full list: <https://www.webofscience.com/wos/author/rid/AAV-3056-2021>

Collaborations (past and present)

- Arnaud Leleu – DOCC Lab, Center for Smell, Taste and Feeding Behavior, CNRS UMR 6265, Université de Bourgogne, France
- Bruno Rossion – Equipe en Recherche Clinique en Neurosciences, CNRS UMR 7365, Université de Lorraine, France
- Adelaïde de Heering – Center for Research in Cognition & Neurosciences, Université libre de Bruxelles (ULB), Belgium
- Randi Starrfelt – Neuropsychology Lab, University of Copenhagen, Denmark
- Aliette Lochy – Cognitive Science and Assessment Institute, University of Luxembourg, Luxembourg
- Olivier Collignon – Crossmodal Perception and Plasticity laboratory (CPP-Lab), UC Louvain-la-Neuve, Belgium
- Cinzia Cecchetti – Department of General Psychology, University of Padova, Italy
- Valentina Parma – Temple University, Monell Chemical Senses Center, Philadelphia, USA
- Jasper de Groot – Behavioural Science Institute, Radboud University, the Netherlands
- Jessica Freiherr – Department of Psychiatry and Psychotherapy, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
- Florian Ph.S Fischmeister – University of Graz and Medical University of Vienna, Austria
- Evelina Thunell – Department of Clinical neuroscience, Karolinska Institutet, Stockholm, Sweden
- Laiquan Zou – Chemical Senses and Mental Health Lab, Southern Medical University, Guangdong Province, China
- Jean-Yves Baudouin – DIPHE (Développement, Individu, Processus, Handicap, Éducation), Université Lyon II, France

Scientific dissemination

- 2023-25 Editor of the Babylab of the University of Hamburg website and biannual newsletter.
- 2022 Training day for high-school Biology professors (*Biology Day*): lab tour and EEG workshop
Brain Awareness Week: OpenLabs of the Université de Bourgogne, workshops for highschool students.
18th European Researchers Night: Unexpected, *Sensory tent*.
Student Night: Night at the Museum (Fine Art Museum of Dijon: *One researcher, one piece*).
- 2020-21 Science festival: Live EEG Demo for an 8-to-88 year-old audience
Brain Awareness Week, talk: *Quand notre cerveau co-nez ce qu'il voit : apprendre à voir avec les odeurs*
17th European Researchers Night: Tell Me a Tale of Research (*Voyage au fil de nos pensées*)
Animation workshops given in primary, elementary and high schools with L'Experimentarium
Training course to disseminate research (hosting science animation workshops in schools and participating in public events) given by L'Experimentarium
16th European Researchers Night: Online Speed-Searching
- 2017-23 Editor of the Dijon DOCC Babylab website and annual newsletter, and designer of presentation flyers to introduce studies and methods to the parents.

List of publications and communications

Articles in peer-reviewed international journals

- 2024 **Rekow, D.**, Baudouin, J.-Y., Kiseleva, A., Rossion, B., Durand, K., Schaal, B. & Leleu, A. (2024) Olfactory-to-visual facilitation in the infant brain declines gradually from 4 to 12 months. *Child Development*, 95, 6, 1967–1981. doi: 10.1111/cdev.14124 [Preprint: 10.1101/2023.09.08.556823]
- Cecchetto, C.*, Leleu, A.*, Calce, R. P., Arnhardt, S., Parma, V., de Groot, J. H. B., Freiherr, J., Gentili, C., Zou, L., Thunell, E., Fischmeister, F., **Rekow, D.***, Dal Bò, E.* (2024) Consistent social odor representation across seven languages: the Social Odor Scale translation and validation. *Chemical Senses*, 49, bjae035. doi: 10.1093/chemse/bjae035 [Preprint: 10.31219/osf.io/xwgrf ; Preregistration: <https://osf.io/p82uc>] *equal contributions
- Calce, R. P., **Rekow, D.**, Barbero, F. M., Kiseleva, A., Talwar, S., Leleu, A., & Collignon, O. (2024) Voice Categorization in the 4-month-old human brain. *Current Biology*, 34, 1, 46–55. doi: 10.1016/j.cub.2023.11.042
- Kiseleva, A., **Rekow, D.**, Schaal, B., Leleu, A. (2024) Olfactory facilitation of visual categorization in the 4-month-old brain depends on visual demand. *Developmental Science*, 27, 6, e13562. doi: 10.1111/desc.13562 [Preprint: 10.1101/2024.06.09.598135]
- 2023 Baudouin, J.-Y., Poncet, F., Polinori, A., **Rekow, D.**, Damon, F., Leleu, A., Faivre, L., & Baltenneck, N. (2023) Task-related modulations of facial expression processing: an FPVS-EEG study. *Emotion*, 23, 8 2399–2419. doi: 10.1037/emo0001223
- 2022 **Rekow, D.**, Baudouin, J.-Y., Durand, K., & Leleu, A. (2022) Smell what you hardly see: odors assist categorization in the human visual cortex. *NeuroImage*, 255, 119181. doi: 10.1016/j.neuroimage.2022.119181 [Preprint: 10.1101/2021.05.25.445626]
- Rekow, D.**, Baudouin, J.-Y., Brochard, R., Rossion, B., & Leleu, A. (2022) Rapid neural categorization of facelike objects predicts the perceptual awareness of a face (face pareidolia). *Cognition*, 22, 105016. doi: 10.1016/j.cognition.2022.105016 [Preprint: 10.1101/2021.02.19.431826]
- Poncet, F., Leleu, A., **Rekow, D.**, Damon, F., Dzhelyova, M. P., Schaal, B., Durand, K., Faivre, L., Rossion, B. & Baudouin, J.-Y. (2022) A neural marker of rapid discrimination of facial expression in 3.5- and 7-month-old infants. *Frontiers in Neuroscience*, 16:901013. doi: 10.3389/fnins.2022.901013
- 2021 **Rekow, D.**, Baudouin, J.-Y., Poncet, F., Damon, F., Durand, K., Schaal, B., Rossion, B., & Leleu, A. (2021) Odor-driven face-like categorization in the human infant brain. *Proceedings of the National Academy of Sciences*, 118, 21, e2014979118. doi: 10.1073/pnas.2014979118
- Poncet, F., Leleu, A., **Rekow, D.**, Damon, F., Durand, K., Schaal, B., & Baudouin, J.-Y. (2021) Odor-evoked hedonic contexts influence the discrimination of facial expressions in the human brain. *Biological Psychology*, 158, 0301–0511. doi: 10.1016/j.biopsycho.2020.108005
- 2020 **Rekow, D.**, Baudouin, J.-Y., Rossion, B. & Leleu, A. (2020) An ecological measure of rapid and automatic face-sex categorization. *Cortex*, 127, 150–161. doi: 10.1016/j.cortex.2020.02.007
- Rekow, D.**, Leleu, A., Poncet, F., Damon, F., Rossion, B., Durand, K., Schaal, B., & Baudouin, J.-Y. (2020) Categorization of objects and faces in the infant brain and its sensitivity to maternal odor: further evidence for the role of intersensory congruency in perceptual development. *Cognitive Development*, 55, 100930. doi: 10.1016/j.cogdev.2020.100930
- Leleu, A.*, **Rekow, D.***, Poncet, F.*, Schaal, B., Durand, K., Rossion, B., & Baudouin, J.-Y. (2020) Maternal odor shapes rapid face categorization in the infant brain. *Developmental Science*, 23, 2, e12877. doi:10.1111/desc.12877 *equal contributions
- Damon, F., Leleu, A., **Rekow, D.**, Poncet, F. & Baudouin, J.-Y. (2020) Expertise for conspecific face individuation in the human brain. *NeuroImage*, 204, 116218. doi: 10.1016/j.neuroimage.2019.116218

Articles in national peer-reviewed journals

- 2022 Leleu A. & **Rekow, D.** (2022) L'odeur maternelle aide le cerveau du nourrisson à catégoriser des objets ressemblant à des visages. *Médecine Sciences: M/S*, 38(6-7), 541–544. doi: 10.1051/medsci/2022067.

Books and book chapters

- 2023 Schaal, B., **Rekow, D.**, Keller, M., & Damon, F. (2023). Chemical Signals in Vertebrates 15. Springer International Publishing. <https://link.springer.com/book/10.1007/978-3-031-35159-4>
- Rekow, D.**, & Leleu, A. (2023). Tips from the Nose : Odor-Driven Visual Categorization in the Developing Human Brain. In B. Schaal, M. Keller, D. Rekow, & F. Damon (Éds.), Chemical Signals in Vertebrates 15, 361–395. Springer International Publishing. doi: 10.1007/978-3-031-35159-4_18

Current prepublications and preregistration reports

Preregistration reports associated with unpublished work:

- Context-dependent categorization of facelike stimuli: A behavioral study <https://osf.io/dnpy7>

Manuscripts under review or in revision:

- Bourgaux, L., **Rekow, D.**, Leleu, A., de Heering, A., Context matters: Human faces hinder with face pareidolia
- Cerrahoglu, B., Jacques, C., **Rekow, D.**, Jonas, J., Maillard, L., Colnat-Coulbois, S., Caharel, S., Leleu, A., Rossion, B. The neural basis of face pareidolia with human intracerebral recordings
- **Rekow, D.**, Arya, T., Bayir, D., Röder, B. Neural face selectivity emerges at a glance as early as 2 months of age.

Invited talks

- Rekow, D.** Tips from the nose: odor-driven visual perception in the human brain. University of Copenhagen. Invited by Dr. Randi Starrfelt, 20 Sept. 2024, Copenhagen, Denmark.
- Rekow, D.,** When your nose knows what you see: Odors shape face categorization in the human brain. Biological Psychology and Neuropsychology, University of Hamburg, invited by Dr. Brigitte Röder, 25 Oct. 2022, Hamburg, Germany.
- Rekow, D.** & Sullivan, R. M. Maternal odor guides infant neurobehavioral responses to help organize the world: Unraveling odor's influence on face categorization in human infants. *Association for Chemoreception Science (AChems), Career Networking Seminar Series*, invited by Dr. Valentina Parma, 26 May 2022 (online).
- Rekow, D.,** When your nose knows what you see: How odors shape face categorization in the human brain. Centre de Recherche en Automatique de Nancy (CRAN), invited by Dr. Bruno Rossion, 17 Feb. 2022, Nancy, France.

Talks in international conferences

- 2025 **Rekow, D.,** Vettori, S., Lochy, A., Rossion, B., Baudouin, J.Y., Leleu, A. The development of rapid face categorization from infancy to adulthood: Evidence from frequency-tagging EEG. *Budapest CEU Conference on Cognitive Development*, BCCCD 2025, Hungary.
- 2024 Bourgaux, L., **Rekow, D.,** Leleu, A., de Heering, A., Context-dependent categorization of ambiguous visual stimuli in the infant brain. *Budapest CEU Conference on Cognitive Development*, BCCCD 2024, Hungary.
- Cerrahoglu, B., Jacques, C., Jonas, J., Maillard, L., Colnat-Coulbois, S., **Rekow, D.,** Leleu, A., Rossion, B. The neural basis of face pareidolia with human intracerebral recordings, *Annual meeting of the national Research Grouping Vision, GDR Vision*, Grenoble, France.
- Bourgaux, L., **Rekow, D.,** Leleu, A., de Heering, A., Context-dependent categorization of ambiguous visual stimuli in the infant brain. *Belgian Association for Psychological Sciences*, BAPS 2024, Brussels, Belgium.
- Cerrahoglu, B., **Rekow, D.,** Jacques, C., Jonas, J., Maillard, L., Colnat-Coulbois, S., Caharel, S., Leleu, A., Rossion, B. The neural basis of face pareidolia with human intracerebral recordings. *European Conference on Visual Perception*, ECVF 2024, Aberdeen, Scotland.
- Bourgaux, L., **Rekow, D.,** Leleu, A., & de Heering, A. Context-dependent categorization of facelike stimuli in the infant brain. *11th Implicit Learning Seminar*, Marseille, France.
- 2023 Kiseleva, A., Schaal, B., **Rekow, D.,** Leleu, A. The inverse effectiveness of maternal odor on rapid face categorization in the 4-month-old infant brain. *International Multisensory Research Forum*, IMRF 2023, Brussels, Belgium.
- Calce, R., **Rekow, D.,** Barbero, F., Talwar, S., Kiseleva, A., Bourgaux, L., Mattioni, S., de Heering, A., Leleu, A., Collignon, O. Crawling from noise to knowledge: development of sounds categorization in infancy. *NeuroCog 2023*, Brussels, Belgium
- 2022 **Rekow, D.,** Baudouin, J.-Y., Kiseleva, A., Rossion, B., Durand, K., Schaal, B. & Leleu, A. Maternal odor tutors neural face categorization in younger, but not older, infants. *Symposium: Delineating the early development of perceptual categorization with EEG frequency-tagging* (Chair: A. Leleu). *International Congress of Infant Studies*, ICIS 2022, Ottawa, Canada.
- Rekow, D.,** Baudouin, J.-Y., Kiseleva, A., Rossion, B., Durand, K., Schaal, B. & Leleu, A. The facilitating effect of maternal odor on rapid face categorization in the infant brain: A progressive decline over the first year. *European Society for Cognitive and Affective Neuroscience*, ESCAN 2022, Vienna, Austria.
- Rekow, D.,** Baudouin, J.-Y., Poncet, F., Damon, F., Durand, K., Schaal, B., Rossion, B., & Leleu, A. Neural evidence for odor-driven face pareidolia in infants exposed to rapid periodic streams of natural images. *Symposium: Novel applications of rhythmic perceptual entrainment in infancy research* (Chairs: M. Köster, C. Grosse Wiesmann). *Budapest CEU Conference on Cognitive Development*, BCCCD22 (online).
- Calce, R. P., **Rekow, D.,** Barbero, F. M., Kiseleva, A., Talwar, S., Leleu, A., & Collignon, O. Selective brain response to voices at four months of age. *Belgian Association of Psychological Sciences*, BAPS 2022, Leuven, Belgium
- Calce, R. P., **Rekow, D.,** Barbero, F. M., Kiseleva, A., Talwar, S., Leleu, A., & Collignon, O. Selective brain response to voices at four months of age. *Symposium: Delineating the early development of perceptual categorization with EEG frequency-tagging* (Chair: A. Leleu) *International Congress of Infant Studies*, ICIS 2022, Ottawa, Canada.
- 2021 **Rekow, D.,** Baudouin, J.Y., Durand, K., Leleu, A. Smell what you hardly see: when odors assist the visual cortex. *2nd Interdisciplinary Erlangen Colloquium on Body Odours* (online).
- Rekow, D.,** Leleu, A., Kiseleva, A., Durand, K., Schaal, B., Rossion, B., Baudouin, J.Y. How odors assist the developing visual system in humans. *Symposium: Chemical signals in a multisensory environment* (Chairs: I. Charrier, A. Leleu). *Chemical Signals in Vertebrates*, CSiV 2021 (online).
- Leleu, A., **Rekow, D.,** Durand, K., Baudouin, J.-Y. Odors mediate the visual categorization of ambiguous stimuli in the human brain. *European Chemoreception Research Organization*, ECRO 2021, Cascais, Portugal.
- Leleu, A., **Rekow, D.,** Kiseleva, A., Durand, K., Schaal, B., Rossion, B., Baudouin, J.Y. Learning to see faces with body odors. *2nd Interdisciplinary Erlangen Colloquium on Body Odours* (online).
- Leleu, A., **Rekow, D.,** Durand, K., Schaal, B., Rossion, B., Baudouin, J.Y. Odor-driven visual categorization in the infant brain. *NeuroCog*, Louvain-La-Neuve, Belgium.
- 2020 **Rekow, D.,** Leleu, A., Poncet, F., Damon, F., Rossion, B., Durand, K., Schaal, B., & Baudouin, J.-Y. Maternal odor selectively enhances the categorization of face(like) stimuli in the 4-month-old infant brain. *European Chemoreception Research Organization*, ECRO 2020, Dresden, Germany.

Talks in national conferences

- 2022 **Rekow, D.**, Baudouin, J.-Y., Kiseleva, A., Rossion, B., Durand, K., Schaal, B. & Leleu, A. Maternal odor facilitation of rapid face categorization progressively declines in the developing infant brain. Annual meeting of the national Research Grouping Neurosciences Cognitives du Développement, GDR babylabs, Paris, FR.
- Rekow, D.** Etiquetage fréquentiel en EEG pour mesurer le développement perceptif du nourrisson humain. *Annual Seminar of the CSGA, Bases neurobiologiques des comportements : exploration fonctionnelle du cerveau, Dijon, France.*
- 2021 **Rekow, D.** Développement de la catégorisation visuelle chez le nourrisson : influence des odeurs ? Symposium: *Olfaction en contexte multisensoriel* (Chair: A. Leleu). *Annual meeting of the national Research Grouping Odorant Odeur Olfaction, O3 (online).*
- 2020 **Rekow D.**, Leleu, A., & Baudouin, J.-Y. Selective enhancement of neural face categorization by maternal odor at 4 months. *Annual meeting of the national Research Grouping Neurosciences Cognitives du Développement, Paris, FR. (cancelled due to COVID19)*
- 2019 **Rekow, D.**, Leleu, A., Poncet, F., Damon, F., Schaal, B., Durand, K., Rossion, B., & Baudouin, J.-Y. Maternal odor selectively enhances rapid face categorization from natural images in the 4-month-old infant brain. *25th Young Researcher Forum, Dijon, FR.*
- 2017 Leleu, A., **Rekow, D.**, Poncet, F., Schaal, B., Durand, K., Rossion, B., & Baudouin, J.-Y. Maternal odor shapes face categorization in the 4-month-old infant brain. *Annual meeting of the national Research Grouping Neurosciences Cognitives du Développement, Paris, FR.*

Posters

- 2025 **Rekow, D.**, Arya, T., Bayir, D., Röder, B. In the blink of an eye: Neural face selectivity at a single glance emerges with adapted natural stimuli as early as 2 months of age. *Budapest CEU Conference on Cognitive Development, BCCCD25, Budapest, Hungary.*
- 2024 **Rekow, D.**, Arya, T., Bayir, D., Röder, B. Enhancing the EEG automatic response to varied natural faces in adults and very young infants: an image set validation for low-acuity vision. *Psychology and Brain conference, PUG 2024, Hamburg, Germany.*
- Rekow, D.**, Leleu, A. Odors at a glance: Olfactory-to-visual facilitation operates under (not too) difficult viewing conditions in the human brain, *International Symposium on Olfaction and Taste, ISOT24, Reykjavik, Iceland.*
- Rekow, D.**, Vettori, S., Lochy, A., Rossion, B., Baudouin, J.Y., Leleu, A. The development of rapid face categorization: Evidence from frequency-tagging EEG in a large cohort of infants, children and adults, *International Congress of Infant Studies, ICIS24, Glasgow, Scotland.*
- Bourgaux, L., **Rekow, D.**, Leleu, A., de Heering, A. Visual context modulates the categorization of facelike visual stimuli in the young infant brain, *International Congress of Infant Studies, ICIS24, Glasgow, Scotland.*
- 2023 **Rekow, D.**, Baudouin, J.-Y., Kiseleva, A., Rossion, B., Durand, K., Schaal, B. & Leleu, A. The facilitating effect of maternal odor on rapid face categorization in the infant brain declines over the first year. *International Multisensory Research Forum, IMRF 2023, Brussels, Belgium.*
- Rekow, D.**, Vettori, S., Lochy, A., Rossion, B., Baudouin, J.Y., Leleu, A. The development of rapid face categorization: Evidence from frequency-tagging EEG in a large cohort of infants, children and adults. *Neurocog 2023, Brussels, Belgium. Best Poster Award.*
- Kiseleva, A., **Rekow, D.**, Schaal, B., Leleu, A. Odor influence on rapid visual categorization in the infant brain depends on visual demand. *European Chemoreception Research Organization, ECRO, Nijmegen, the Netherlands.*
- Calce, R. P., **Rekow, D.**, Barbero, F. M., Kiseleva, A., Talwar, S., Leleu, A., & Collignon, O. Voice categorization in the 4-month-old infant brain, *Auditory Development Workshop, Paris, France.*
- Bourgaux, L., **Rekow, D.**, Leleu, A., de Heering, A., Context matters: Insights into the neural dynamics of face-pareidolia. *Neurocog 2023, Brussels, Belgium*
- 2022 Kiseleva, A., Schaal, B., **Rekow, D.**, Leleu, A. Maternal odor influence on rapid neural face categorization in natural vs. edited images at 4 months of age. *International Congress of Infant Studies, ICIS 2022, Ottawa, Canada.*
- Calce, R. P., **Rekow, D.**, Barbero, F. M., Kiseleva, A., Talwar, S., Leleu, A., & Collignon, O. Selective brain response to voices at four months of age. *International Conference of Cognitive Neuroscience, ICON 2022, Helsinki, Finland.*
- 2021 **Rekow, D.**, Baudouin, J.-Y., Kiseleva, A., Rossion, B., Durand, K., Schaal, B. & Leleu, A. Maternal odor favors visual categorization of faces in younger, but not older, infants. *European Chemoreception Research Organization, ECRO 2021, Cascais, Portugal. Best Poster Award.*
- Rekow, D.**, Baudouin, J.-Y., Kiseleva, A., Rossion, B., Durand, K., Schaal, B. & Leleu, A. A developmental trade-off: Maternal odor tutors face categorization in younger but not older infants. *International Society for Developmental Psychobiology, ISDP 2021 (online).*
- Rekow, D.**, Baudouin, J.-Y., Durand, K., & Leleu, A. Smell what you hardly see: when odors assist the visual brain. *NeuroCog, Louvain-la-Neuve, Belgium.*
- Rekow, D.**, Baudouin, J.-Y., Durand, K., & Leleu, A. Odors assist the categorization of ambiguous stimuli in the human visual cortex, *French Neuroscience Society, NeuroFrance 2021 (online).*
- Rekow, D.**, Baudouin, J.-Y., Durand, K., & Leleu, A. Odors assist the categorization of ambiguous visual stimuli. *Vision Science Society, V-VSS 2021 (online), Abstract published in Journal of Vision 21 (9), 2391. doi: 10.1167/jov.21.9.2391.*

- Calce, R. P., **Rekow, D.**, Barbero, F. M., Kiseleva, A., Talwar, S., Leleu, A., & Collignon, O. Selective brain response to voices at four months of age. *NeuroCog*, Louvain-la-Neuve, Belgium. *Best Poster Award*.
- Kiseleva, A., Schaal, B., **Rekow, D.**, & Leleu, A. *The development of rapid face categorization in the human infant brain. NeuroCog 2021*, Louvain-la-Neuve, Belgium.
- Kiseleva, A., Schaal, B., **Rekow, D.**, & Leleu, A. The development of rapid face categorization in late infancy. *International Society for Developmental Psychobiology, ISDP 2021*(online).
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