

Diane Rekow, PhD in Psychology

Senior post-doctoral researcher
Biological Psychology and Neuropsychology
University of Hamburg, Germany
diane.rekow@uni-hamburg.de
34 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 17 articles, including 8 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 preregistered reports.
Talks 17 talks in international conferences and 6 invited talks.
Posters over 30 posters in international conferences (18 as presenter).
Dissemination & media over 10 events since 2020 and 9 communications in media.

Research and education

- 2025- **Postdoctoral research associate**, Biological Psychology and Neuropsychology – University of Hamburg, DE
- 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), 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. Pls: 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

- 2025- **Teaching assistant in English**, Psychology Department, University of Hamburg, 112 hours / year
Biological Psychology (BSc 1st year), Experimental Psychology (BSc 2nd year)
- 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 with Dr Röder**: 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**: with Dr. A. Leleu: Andréa Prino (2022) and Sarah Saaif (2021) ; with Dr. J.-Y. Baudouin: Océane Jean (2017)

Grants & awards

- 2025 **Schilling Research Award 2025** from the German Neuroscience Society (10 k€)
<https://nwg-info.de/en/careers/awards/schilling/2025/laureate>
- 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€)
Paper prize (1st place): Rekow et al. (2024, *Child Development*), 5 senses for kids Foundation and French Society for Neurosciences (2.5 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 Project 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: *Developmental Neuropsychology* (1), *Infancy* (1), *Developmental Science* (2), *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)

Inbal Ravreby	Person and Context Lab, Dept. Of Psychology, Cornell University, USA
Bruno Rossion	Equipe en Recherche Clinique en Neurosciences, CNRS UMR 7365, Université de Lorraine, France
Arnaud Leleu	DOCC Lab, Center for Smell, Taste and Feeding Behavior, CNRS UMR 6265, Université de Bourgogne, 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 Cecchetto	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.

References (with authorization to contact)

Dr. Brigitte Röder

brigitte.roeder@uni-hamburg.de

Professor at the University of Hamburg – Head of BPN lab

Biological Psychology and Neuropsychology Lab, Dept of Psychology and Human movement, University of Hamburg, Germany

Dr. Bruno Rossion

bruno.rossion@univ-lorraine.fr

Senior Research Associate at The French National Centre for Scientific Research (CNRS), France

Ingénierie moléculaire, cellulaire et physiopathologie (IMoPA), University of Lorraine, University Hospital of Nancy

Full list of publications and communications

Articles in peer-reviewed international journals

17. **Rekow, D.**, Arya, T., Bayir, D.H., Röder, B. Emergence of neural face selectivity in infants younger than 4 months old. *Accepted in Infancy*
16. Bourgaux, L., **Rekow, D.**, Leleu, A., de Heering, A. (2025) Context matters: Human faces hinder with face pareidolia. *Journal of Cognitive Neuroscience*, 38 (2), 213-225. doi: 10.1162/jocn.a.94 [Preregistration: <https://osf.io/dnpy7>]
15. Cerrahoglu, B., Jacques, C., **Rekow, D.**, Jonas, J., Maillard, L., Colnat-Coulbois, S., Caharel, S., Leleu, A., Rossion, B. (2025) The neural basis of face pareidolia with human intracerebral recordings. *Imaging Neuroscience*, 3: imag_a_00518. doi: 10.1162/imag_a_00518
14. **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]
13. 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
12. 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
11. 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]
10. 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
9. **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]
8. **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]
7. 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
6. **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
5. 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
4. **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
3. **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
2. 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
1. 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

Articles in national peer-reviewed journals

- 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

- 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: Lukasiewicz, P., Röder, B. & **Rekow, D.**, Complementary study to blurred face identity recognition using FT-EEG (under embargo)

Invited talks

- Rekow, D.** Odors shape visual categorization in the human brain. *Schilling Award Plenary Lecture*. 16th Goettingen Meeting of the German Neuroscience Society, 27 March 2025, Goettingen, Germany.
- Rekow, D.** The contribution of olfaction to visual perception in humans: a focus on body odors and faces. L V Prasad Eye Institute, invited by Dr. Shrikant Bharadwaj, 12 Feb. 2025, Hyderabad, India.
- Rekow, D.** Tips from the nose: odor-driven visual perception in the human brain. StarrLab, 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. Face Categorization lab, Université de Lorraine, 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.H., 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*.
- Rekow, D.**, Arya, T., Bayir, D.H., Röder, B. In the blink of an eye: Rapid neural face selectivity emerges as early as 2 months of age with adapted natural stimuli. *NeuroFrance 2025, Montpellier, France*.
- Rekow, D.** & Röder, B. The neural development of face identity recognition from 5 to 11 months. *Neurocog 2025, Brussels, Belgium*.
- Bayir, D.H., Ossandon, J., **Rekow, D.**, Röder, B. Development of alpha rhythm over the first year: Insights from EEG measures in 2- to 11-month-old awake infants, *A-Dok 2025, Aachen, Germany*.
- 2024 **Rekow, D.**, Arya, T., Bayir, D.H., 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*.
- Bourgau, 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*.
- Bourgau, 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*.

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