

CURRICULUM VITAE

PD Dr. rer. nat. habil. Olga Maria Klimecki-Lenz

(born: Klimecki)

Senior Scientist and Project Head,
Department of Developmental Psychology
Friedrich Schiller University Jena, Germany

Collaborations and affiliations also with:

- University of Geneva, Geneva, Switzerland
- Université de Liège, Liège, Belgium
- DZNE Dresden, Germany
- TU Dresden, Dresden, Germany

one child (born 2016)



KEY RESEARCH TOPICS

- *Emotions, social cognition, empathy, compassion*
- *Promoting health and well-being over the lifespan*
- *Conflict resolution*
- *Learning and education*
- *Neural, emotional, and behavioural plasticity*
- *Meditation*

KEY METHODS

- *Neuroimaging (fMRI, MRI)*
- *Psychophysiology (skin conductance, heart rate, pupil dilation)*
- *Neuroendocrinology (mainly cortisol and serotonin)*
- *Behavioural paradigms (questionnaires, behavioural tests, memory tests)*
- *Social interaction paradigms (couple conflicts, conflictual discussions, cyberball game)*
- *Economic paradigms (Dictator Game, Zurich Prosocial Game, Inequality Game)*

POSITIONS

- From April 2024* Interim Chair of Biological Psychology, Faculty of Psychology, Technische Universität Dresden, Germany.
- Since 2023* Privat-docent/ Senior Scientist and Project Head, Department of Developmental Psychology Friedrich Schiller University Jena, Germany.
- 2022-2023* Interim Group Leader, Deutsches Zentrum für Neurodegenerative Erkrankungen, DZNE, Dresden.
- 2020-2021* Eleonore-Trefftz Guest Professor, Faculty of Psychology, Technische Universität Dresden, Germany.
- 2019-2020* Senior researcher, lecturer, and group leader (maître-assistante/ Oberassistentin), School of Social Sciences, University of Geneva, Switzerland.
- 2016-2019* Senior researcher, lecturer, and group leader (maître-assistante/ Oberassistentin), Psychology, University of Geneva, Switzerland.
- 2016-2017* Maternity leave (I worked part-time from 03/2017-08/2020 due to childcare).
- 2015-2016* Post-doctoral researcher, Psychology with Prof. David Sander, University of Geneva, Switzerland.
- 2013-2015* Marie-Curie postdoctoral fellow, Swiss Center for Affective Sciences, Medicine and Psychology with Prof. David Sander and Prof. Patrik Vuilleumier, University of Geneva, Switzerland.
- 2012-2012* Postdoctoral researcher with Prof. Tania Singer, Max-Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany.
- 2010-2012* Assistant researcher with Prof. Tania Singer, Max-Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany.
- 2007-2010* Assistant researcher with Prof. Tania Singer, Institute of Empirical Economics (Director: Prof. Ernst Fehr), University of Zurich, Switzerland.

RANKINGS FOR PROFESSORSHIPS

2. place for W2 (associate) Professorship Social Neuroscience, University of Jena, Germany (procedure concluded in 2019).
3. place for permanent full professorship Affective Neuroscience and Neuropsychology, University of Innsbruck, Austria (procedure concluded in 2023).

March 2024

EDUCATION

- 2023 Habilitation in Psychology, Technische Universität Dresden, Germany.
- 2013 PhD in Psychology (summa cum laude), University of Zurich, Switzerland; supervisors: Prof. Lutz Jäncke, Prof. Tania Singer.
- 2006-2007 MSc in Neuroscience, University College London, UK. Supervisor: Dr. Beau Lotto, Institute of Ophthalmology.
- 2006-2006 Diplomarbeit (comparable to a master's thesis, grade: very good), psychology, Johannes Gutenberg University, Mainz, Germany. Supervisors: Prof. Gerd Vossel, Matthias Gamer.
- 2005 Vordiplom (comparable to a BA, grade: very good), psychology, Johannes Gutenberg University, Mainz, Germany.
- 2003 Abitur (final high school examination, grade: very good; 1,0), Wiesbaden, Germany.

ADDITIONAL QUALIFICATIONS

- 2021-2023* Certified as a Mindfulness Meditation Teacher, The Awareness Training Institute and the Greater Good Science Center, University of California, Berkeley, USA.
- 2021-2022* Training in Diversity, Equity, Inclusion, and Accessibility, The Awareness Training Institute and the Greater Good Science Center, University of California, Berkeley, USA.
- 2020-2022* Advanced Master Program on the Treatment of Trauma, the National Institute for the Clinical Application of Behavioral Medicine, USA.
- 2020* Mediation training “Mediating and Facilitating Large Group, Multi-Stakeholder, Consensus Building Processes” with Kenneth Cloke, Geneva, Switzerland.
- 2016* Mediation master class “Difficult Mediations” with Kenneth Cloke, Geneva, Switzerland.
- 2007 - 2010* Graduate of the Doctoral School of the Neuroscience Center Zurich, University of Zurich, Switzerland.
- 2007 - 2010* Yearly participation to courses on SPM (Statistical Parametric Mapping) for the analysis of neuroimaging data at the University of Zurich, Switzerland.
- 2004 - 2007* As a scholar of the “Studienstiftung des deutschen Volkes” (German National Academic Foundation) participation in i) a summer school on “Mathematical Modelling of Neural Functions” with Prof. Dr. Karl Friston (University College London, UK) and Dr. Klaas Enno Stephan (University College London, UK), ii) a language course in English (UK) and iii) courses of lectures on neuroscience.

THIRD PARTY FUNDING, PRIZES, AND FELLOWSHIPS

- 10/2021-09/2025* Fonds National Suisse de la Recherche Scientific “Mindfulness-Based Intervention to reduce stress and improve prosocial skills for health-care students: a translational RCT integrating clinical, neuroimaging and biomedical outcomes” (CHF 632.000; grant number: 32003B_205111/1; Role: Partner). <https://www.unige.ch/e-smile/>
- 2022-2023* Botnar Foundation: EUR 30.000 for Global CORE study in South Sudan, Zambia, and France.
- 01/2016-03/2022* European Commission, Horizon 2020 “Medit-Ageing” (project ID: 667696; total grant volume: EUR 6.992.006; my workpackage “Emotion”: EUR 860.375). <https://cordis.europa.eu/project/id/667696>
- 07/2017-07/2022* Deutsche Forschungsgemeinschaft Network “Understanding Others – Integration of Social Cognitive and Affective Processes” (role, co-investigator with Dr. Dana Schneider, EUR 35.291; project ID: 387279900). <https://gepris.dfg.de/gepris/projekt/387279900?language=en>
- 09/2020 – 12/2021* Eleonore-Treffitz guest Professorship and additional research assistant, Technische Universität Dresden.
- 12/2018-01/2020* Swiss Federal Department of Foreign Affairs for the project “The impact of teaching humanitarian values on international conflict resolution” (CHF 20.000).
- 08/2018-12/2018* Swiss Center for Affective Sciences, “The impact of mediation on couple conflict” (with Prof. David Sander, CHF 18.980)
- 07/2018-12/2018* Swiss Center for Affective Sciences, “The impact of sleep deprivation on couple conflict” (with Prof. David Sander, CHF 19.639)
- 07/2016-08/2017* National Center of Competence in Research (NCCR) “The Role of Emotions in Conflict Resolution” with Prof. David Sander (CHF 77.000).
- 11/2015-08/2017* National Center of Competence in Research (NCCR) “Affective and Social Signals in Mediation” (CHF 5.000).
- 2014* Early Career Award, Society for Social Neuroscience (Washington, DC, USA).
- 2013* Evens Science Prize “Upregulating the neural substrates of empathy via neurofeedback” with Prof. John Gruzelier, Prof. David Sander and Dr. Tomas Ros (EUR 30.000).
- 01/2013-01/2015* Marie Curie/Bridge postdoctoral fellowship from the European Commission (about CHF 250.000).

March 2024

- 10/2008-10/2009* Research Funding, University of Zurich, “Neural Foundations of Empathy Learning” (Forschungskredit No 53990601; CHF 43.776).
- 10/2008-09/2010* Research Funding, Neuroscience Center Zurich, “Neural foundations of empathy training”, (EUR 142.800) with Prof. Tania Singer.
- 2004 - 09/2007* Scholar of the German National Academic Foundation (Studienstiftung des deutschen Volkes).

ORGANIZATION OF CONFERENCES, WORKSHOPS AND SYMPOSIA

- 02/2024* Medit-Ageing Consortium Meeting in Caen, France.
- 10/2023* CELISE Workshop, Friedrich-Schiller-Universität Jena, Germany (keynote speaker Prof. Anthony Ong).
- 03/2020* Workshop “Understanding others” – online event.
- 11/2019* Public conference “Brain Health Across the Lifespan” (co-organizer: Prof. Ulman Lindenberger from the Max Planck Institute for Human Development in Berlin representing Lifebrain & German Brain Council), 180 participants, Berlin, Germany.
- 11/2019* Medit-Ageing consortium meeting in Berlin, Germany.
- 09/2019* Workshop “Understanding others”, Erfurt, Germany.
- 07/2019* Symposium “Interdisciplinary Perspective on Compassion and the effects of Compassion Training”, International Society for Research on Emotion, Amsterdam, the Netherlands.
- 09/2018* Workshop “Approches scientifiques sur le rôle des émotions dans les conflits”, Geneva, Switzerland.
- 10/2017* International Workshop “Understanding Others – Integration of Social Cognitive and Affective Processes”, Jena, Germany (with Dr. Dana Schneider).
- 03/2017* Symposium “The role of Theory of Mind and Empathy in Human Interactions from a Psychological and Neuroscientific Perspective”, International Convention of Psychological Science, Vienna, Austria (with Dr. Dana Schneider).
- 02/2016* Workshop with Prof. Eran Halperin, Prof. Simon Hug and Maud Roure (Interpeace): “The role of emotions in conflict resolution”, Geneva, Switzerland.

- 10/2015* Workshop “How Can Neurobiology and Affective Sciences Contribute to Conflict Resolution?”, Geneva Peace Week, Switzerland.
- 10/2015* Two workshops “What does neuroscience tell us about human conflict?”, conference “conflict matters”, Brussels, Belgium (with Francois Bogacz and Jeremy Lack).
- 07/2015* Symposium “The Role of Emotions in Negotiation and Conflict Resolution”, International Society for Research on Emotion, Geneva, Switzerland.
- 07/2015* Workshop “Applying affective sciences to conflict resolution and peacebuilding – bridging research and practice”, International Society for Research on Emotion, Geneva, Switzerland (with Francois Bogacz and Jeremy Lack).
- 04/2012* Symposium “Neural Substrates of Compassion” at the International Symposia for Contemplative Studies, in Denver, USA.
- 01/2006-3/2006* Assisted for conference “Tagung experimentell arbeitender Psychologen” (Conference on Experimental Psychology), in Mainz, Germany.

SUMMARY OF UNIVERSITY TEACHING

average of 2-6 hours per week of teaching per semester

- Spring 2024: Experimental Practicum in Biological Psychology; Cognitive Neuroscience Seminar and Teacher Education on the Biological Impact of Socio-Emotional Learning.
- Autumn 2023: 2 Seminars on Strengthening resources and resilience over the lifespan (one for BA and one for BSc students) Friedrich-Schiller-Universität Jena, Germany (each two hours per week) and co-organization of colloquium for Department of Developmental Psychology.
- Spring 2023: 2 Seminars “Strengthening resources and resilience across the lifespan– a bio-psycho-social perspective” and “Der Beitrag emotionsbasierter Interventionen zur Lösung von Gruppenkonflikten bei Jugendlichen und Erwachsenen” for master students, Friedrich-Schiller-Universität Jena, Germany (each two hours per week) and co-organization of colloquium for Department of Developmental Psychology.
- Spring 2021: Seminar "Mindfulness Meditation" Psychology students Technical University Dresden, Germany (two hours per week)
- Fall 2019: Seminar and tutorial "Emotions and Conflict Resolution" Master students Political Science and Sociology, University of Geneva, Switzerland (three hours per week)
Lecture and tutorial "Emotions, Individual behavior, and Collective Actions" Bachelor students Social Sciences and Psychology, University of Geneva (three hours per week)
- Spring 2016 and Spring 2017 seminars "Emotions and Conflict Resolution" Master students Psychology, University of Geneva (two hours per week for each course).
- 2015 until 2019 annual block lectures "Brain and Behavior" Institute for Psychology Transfer, Zurich (corresponding to about one hour per week each).
- 2013 and 2015 block lectures "Empathy" Institute for Psychology Transfer, Zurich (corresponding to about one hours per week each)
- 2008 and 2009 two seminars "Social Neuroscience" Master students and PhD students from all subjects (two hours per week each).

In addition, regular guest lectures, e.g. for University of Strasbourg, Geneva Centre for Security Policy, Friedrich Schiller University Jena, University of Geneva, Mindfulness Academy, Summer Schools.

Details can be found below.

TEACHING (FULL LIST)

- spring 2024* BA Seminar Cognitive, Affective, and Social Neuroscience; Technische Universität Dresden, Germany.
- spring 2024* Experimental Practicum for Bachelor students in Psychology; Technische Universität Dresden, Germany.
- spring 2024* Seminar “Biological Effects of Socio-emotional Learning in Children and Adolescents” for future teachers; Technische Universität Dresden, Germany.
- autumn 2023* Co-Organization of the colloquium Developmental Psychology, Friedrich-Schiller-Universität Jena, Germany.
- autumn 2023* Seminar “Strengthening resources and resilience across the lifespan– a bio-psycho-social perspective“, BA, Psychology Department, Friedrich-Schiller-Universität Jena, Germany.
- autumn 2023* Seminar “Strengthening resources and resilience across the lifespan– a bio-psycho-social perspective“, BSc, Psychology Department, Friedrich-Schiller-Universität Jena, Germany.
- spring 2023* Seminar “Der Beitrag emotionsbasierter Interventionen zur Lösung von Gruppenkonflikten bei Jugendlichen und Erwachsenen“, Master in Psychology, Friedrich-Schiller-Universität Jena, Germany.
- spring 2023* Seminar “Strengthening resources and resilience across the lifespan– a bio-psycho-social perspective“, Master in Psychology, Friedrich-Schiller-Universität Jena, Germany.
- spring 2023* Co-Organization of the colloquium Developmental Psychology, Friedrich-Schiller-Universität Jena, Germany.
- 2022 Summer School “Mindfulness for mediators“, Achtsamkeitsakademie, Tirol, Austria.
- 2022 Course “Empathy and Compassion“, Happy School Programme, Eurasia Foundation and Association, Switzerland.
- 2022 Course “Trauma-sensitive teaching and training“, Pädagogische Hochschule Zug, Switzerland.
- 2022 Course “Impact of humanitarian value training on intergroup helping“, Pädagogische Hochschule Zug, Switzerland.

March 2024

- 2022* Course “Emotional Intelligence“, Pädagogische Hochschule Zug, Switzerland.
- 2022* Block lecture “Gelingende soziale Interaktionen“, Akademie für Neurowissenschaftliche Bildung, Köln, Deutschland.
- Since 2021* Courses “Plasticity of the social brain and meditation“, Université de Lyon, France.
- 2020 - 2022* Courses “Impact of meditation on the brain development“, Happiness in Organizations, High School for Management, Geneva, Switzerland.
- spring 2021* Summer School Mindfulness – from Neurobiology to Psychotherapy, Universität Würzburg, Germany.
- spring 2021* Seminar “Achtsamkeitsmeditation” (Mindfulness Meditation), master in clinical psychology and psychotherapy, Technische Universität Dresden, Germany.
- 2020 & 2021* Guest Lecture “Healthy Ageing”, Bachelor in psychology, University of Jena, Germany.
- autumn 2020* Co-organization of the colloquium “Aktuelle klinisch-psychologische Forschungsfragen”, Technische Universität Dresden, Germany (with Prof. Philipp Kanske).
- autumn 2019* Seminar and tutorial “Emotions and Conflict Resolution”, master in political sciences and social sciences, University of Geneva, Switzerland.
- autumn 2019* Lecture series and tutorial “Emotions, Individual behavior and Collective Actions”, bachelor in social sciences and psychology, University of Geneva, Switzerland.
- 03/2017* Single Lecture “Involvement of the social brain in cooperation and competition”, biology and psychology, University of Geneva, Switzerland.
- 04/2016* Course “Empathie et Compassion”, Haute école de travail social et de la santé, Lausanne, Switzerland.
- 2016 & 2017* Seminar “Emotions et conflits”, master in psychology, University of Geneva, Switzerland.
- 2016 - 2018* Course “Neuroscience and Conflict Resolution”, Geneva Centre for Security Policy, Switzerland.
- 2014; 2 x 2016* Course “Compassion and Neuroscience”, Diplôme Universitaire de Médecine Méditation et Neurosciences, University of Strasbourg, France.

March 2024

- 10/2015* Single Lecture “Influence of emotions on cognition and decision-making”, master in Psychology, University of Geneva, Switzerland.
- autumn 2015* Block Lectures “Empathie Training” (Empathy Training), Institut für Psychologie-Transfer, Zurich, Switzerland.
- 2015- 2019* Block Lectures “Gehirn und Verhalten” (Brain and Behavior), Institut für Psychologie-Transfer, Zurich, Switzerland.
- 2014, 2016, 2017* Single Lecture “Compassion et Empathie”, Bachelor in Psychology, University of Geneva, Switzerland.
- 08/2014* Summer Research Institute of Mind and Life Europe “Training Compassion - Effects on Subjective Experience, Prosocial Behavior and Brain Function”, Fraueninsel, Chiemsee, Germany.
- 11/2013* Block Lectures “Training: Mitgefühl und Empathie aus neuropsychologischer Perspektive” (Training compassion and empathy from a neuropsychological perspective), Institut für Psychologie-Transfer, Zurich, Switzerland.
- 2008 & 2009* Seminar “Social Neuroscience”, graduate students from all disciplines, University of Zurich, Switzerland (with Romana Snozzi).

SUPERVISIONS**Post-doctoral researchers** (University of Geneva, Switzerland)Present

Since 2022 Dr. Gwladys Rey (with Prof. Patrik Vuilleumier).

Past

2019-2021 Dr. Yacila Deza-Araujo (with Prof. Patrik Vuilleumier).

Doctoral studentsPresentFriedrich-Schiller-Universität Jena

Since 2023 Monica Di Giuliani (in Medicine, with Prof. Karl-Jürgen Bär).

Technische Universität Dresden, Germany

Since 2021 Francois Bogacz (in Psychology; with Prof. Philipp Kanske, Technische Universität Dresden).

Since 2022 Silke White (in Medicine, with Dr. habil. Miranka Wirth und Prof. Gerd Kempermann, TU Dresden).

Since 2023 Selina Stamer (in Medicine, with Dr. habil. Miranka Wirth & Prof. Gerd Kempermann, Technische Universität Dresden).

PastUniversity of Geneva, Switzerland

2020-2023 Marco Schlosser (in Psychology, with Prof. Natalie Marchant, University College London and Prof. Matthias Kliegel, University of Geneva).

2016-2022 Patricia Cernadas Curotto (in Psychology; with Prof. Eran Halperin, Hebrew University of Jerusalem, Israel and Prof. David Sander, University of Geneva).

2016-2022 Sebastian Baez Lugo (in Neuroscience; with Prof. Patrik Vuilleumier, University of Geneva).

Master StudentsFriedrich-Schiller-Universität Jena, Germany

Since 2023 Josefine Opitz.

Technische Universität Dresden (Germany)

Since 2023 Helene Kühn.

Since 2023 Isabella Strasser (with Prof. Dr. Philipp Kanske und Dr. Miranka Wirth).

2022-2023 Nicole Fichtner (with Prof. Philipp Kanske).

2022 Flora Hähnel (with Prof. Philipp Kanske).

2021-2022 Ylenia D'Elia.

University College London (UK)

2020 Freya Koutsoubelis (with Dr. Natalie Marchant, UCL, UK).

University of Jena (Germany)

2019-2020 Natalie Pfaff (with Prof. Stefan Schweinberger, University of Jena, Germany).

March 2024

University of Geneva (Switzerland)

- Since 2023* Claudia Catel (with Dr. Camille Piguet).
Since 2023 Laura Oliveira Rodrigues (with Prof. Ulrike Rimmele).
2017-2020 Christel Maradan (with Prof. Patrik Vuilleumier and Sebastian Baez Lugo).
2017-2019 Benjamin Boaz Feldman (with Prof. David Sander and Patricia Cernadas Curotto).
2017-2019 Clara Bordas (with Prof. Patrik Vuilleumier and Sebastian Baez Lugo).
2017-2019 Silvia De Cataldo (with Prof. Patrik Vuilleumier and Sebastian Baez Lugo).
2017-2019 Gladys Balthasar (with Prof. David Sander and Patricia Cernadas Curotto).
2017-2019 Caroline Miron-Lapointe (with Prof. David Sander and Patricia Cernadas Curotto).
2017-2019 Julia Sachs (with Prof. David Sander and Sebastian Baez Lugo).
2016-2019 Matthieu Vétois (with Prof. David Sander).
2016-2018 Niloufar Pouyan (with Prof. Christine Mohr, University of Lausanne).
2016-2018 Halima Rafi (with Prof. David Sander).
2015-2017 Linda Amrar (with Prof. David Sander).
2014-2016 Milica Garic (with Prof. David Sander).
2014-2016 Lucien Gyger (with Prof. David Sander).
2013-2015 Alexandra Anastaze (with Prof. David Sander).

University of Zurich (Switzerland)

- 2010-2011* Etna Engeli (with Prof. Tania Singer).

Current Bachelor Students at FSU Jena (Germany)

- Since 2024* Simon Born.
Since 2023 Philine Bäzel.
Since 2023 Fabiana Lazur.

In addition, supervision of more than 55 Bachelor students and Master students in internships.

Research Assistants/ PsychologistsUniversity of Zurich (Switzerland)

Sabine Wahler (2009).

University of Geneva (Switzerland)

Patricia Cernadas Curotto (2016-2017), Matthieu Vétois (2016-2017), Tiffany Martin (2018), Hélène Maurer (2018), Halima Rafi (2019), Cora Aguirre (2018-2020), Emna el May (2018-2020), Marco Schlosser (2020), Christel Maradan (2020).

Technische Universität Dresden (Germany)

Julia Stietz (2021-2022).

DZNE, Dresden (Germany)

Annemarie Maßalsky (2023); Maxie Liebscher (2022, 2023), Odile Podolski (2022-2023).

Friedrich-Schiller-Universität Jena

Ylenia D'Elia (2023).

Mentoring female postdocs at EPFL (École Polytechnique Fédérale de Lausanne)

Since 2022 – Dr. Mariana Babo Rebelo

PUBLICATIONS

(IF = Impact Factor; OA = Open Access)

° indicates my students or post-docs

Group Authorships (As Co-PI of Medit-Ageing, I am part of the Medit-Ageing Research Group)

- a) Munns, L. B., Demnitz-King, H., André, C., Rehel, S., Ourry, V., de La Sayette, V., Vivien, D., Chételat, G., Rauchs, G., Marchant, N. L., & Medit-Ageing Research Group (2024). Associations Between Repetitive Negative Thinking and Objective and Subjective Sleep Health in Cognitively Healthy Older Adults. *Nature and science of sleep*, 16, 233–245. <https://doi.org/10.2147/NSS.S441509>
- b) Champetier, P., André, C., Rehel, S., Ourry, V., Landeau, B., Mézenge, F., Roquet, D., Vivien, D., de La Sayette, V., Chételat, G., Rauchs, G., & Medit-Ageing Research Group (2024). Multimodal neuroimaging correlates of spectral power in NREM sleep delta sub-bands in cognitively unimpaired older adults. *Sleep*, 47(4), zsa012. <https://doi.org/10.1093/sleep/zsa012>
- c) de Flores, R., Demeilliez-Servouin, S., Kuhn, E., Chauveau, L., Landeau, B., Delcroix, N., Gonneaud, J., Vivien, D., Chételat, G., & **Medit-Ageing research group** (2023). Respective influence of beta-amyloid and APOE ε4 genotype on medial temporal lobe subregions in cognitively unimpaired older adults. *Neurobiology of disease*, 181, 106127. [IF 7.05; OA] <https://doi.org/10.1016/j.nbd.2023.106127>
- d) Ourry, V., Rehel, S., André, C., Mary, A., Paly, L., Delarue, M., Requier, F., Hendy, A., Collette, F., Marchant, N. L., Felisatti, F., Palix, C., Vivien, D., de la Sayette, V., Chételat, G., Gonneaud, J., Rauchs, G., & **Medit-Ageing Research Group** (2023). Effect of cognitive reserve on the association between slow wave sleep and cognition in community-dwelling older adults. *Aging*, 15(18), 9275–9292. <https://doi.org/10.18632/aging.204943>
- e) André, C., Kuhn, E., Rehel, S., Ourry, V., Demeilliez-Servouin, S., Palix, C., Felisatti, F., Champetier, P., Dautricourt, S., Yushkevich, P., Vivien, D., de La Sayette, V., Chételat, G., de Flores, R., Rauchs, G., for the **Medit-Ageing Research Group** (2023). Association of sleep-disordered breathing and medial temporal lobe atrophy in cognitively unimpaired amyloid-positive older adults. *Neurology*, <https://doi.org/10.1212/WNL.0000000000207421> [IF 11.8; OA]
- f) André, C., Champetier, P., Rehel, S., Kuhn, E., Touron, E., Ourry, V., Landeau, B., Le Du, G., Mézenge, F., Segobin, S., de la Sayette, V., Vivien, D., Chételat, G., Rauchs, G., & **Medit-Ageing Research Group** (2023). Rapid-eye-movement sleep, neurodegeneration and amyloid deposition in ageing. *Annals of neurology*, 10.1002/ana.26604. <https://doi.org/10.1002/ana.26604> [IF 11.27; OA]
- g) Champetier, P., André, C., Weber, F.D., Rehel, S., Ourry, V., Lanieppe, A., Lutz, A., Bertran, F., Cabé, N., Pitel, A.-L., Poinsel, G., de la Sayette, V., Vivien, D., Chételat, G., Rauchs, G., & **the Medit-Ageing Research Group** (2022). Age-related changes in fast spindle clustering during NREM sleep and their relevance for memory consolidation. *Sleep*. [IF 5.9]
- h) Dautricourt, S., Gonneaud, J., [...], Marchant, N.L., Vivien, D., de la Sayette, V., Lutz, A., Chételat, G., & **the Medit-Ageing Research Group** (2022). Dynamic functional connectivity patterns associated with Alzheimer's disease risk and protective factors. *Alzheimer's Research and Therapy*. [IF 8.8; OA]
- i) Felisatti, F., Gonneaud, J., [...], Vivien, D., Chételat, G., Poinsel, G., & **the Medit-Ageing Research Group** (2022). Role of Cardiovascular Risk Factors on the Association Between Physical Activity and Brain Integrity Markers in Older Adults. *Neurology*, 10.1212. [IF 12.3; OA]
- j) Gonneaud, J., Moreau, I., Felisatti, F., [...] & **the Medit-Ageing Research Group** (2022). Men and women show partly distinct effects of physical activity on brain integrity. *Alzheimer's & Dement*; 14:e12302. [IF 21.57]

- k) Ourry, V., Gonneaud, J., [...] & the **Medit-Ageing Research Group** (2021). Association of quality of life with structural, functional and molecular brain imaging in community-dwelling older adults. *Neuroimage*, 231, 117819. [IF 7.4; OA]

2024

74. **Klimecki, O.M.**, & Schweinberger, S.R. (forthcoming). Soziale Neurobiologie. In U.T. Egle, C. Heim, B. Strauß & R. v. Känel (Eds). *Psychosomatik. Neurobiologisch fundiert und evidenzbasiert. 2. Vollständig überarbeitete Auflage*. Stuttgart: Kohlhammer.
73. D'Elia^o, Y., Whitfield, T., Schlosser^o, M., Lutz, A., Barnhofer, T., Chételat, G., Marchant*, N.L., Gonneaud*, J., **Klimecki***, **O.**, & the Medit-Ageing group. Impact of mindfulness-based and health self-management interventions on mindfulness, self-compassion, and physical activity in older adults with subjective cognitive decline: a secondary analysis of the SCD-Well randomized controlled trial. (2024), *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. [IF 5.3; OA] * Co-last authorship

2023

72. Demnitz-King, H., Requier, F., Whitfield, T., Schlosser^o, M., Gonneaud, J., Ware, C., ..., **Klimecki, O.M.**, ... & Medit-Ageing Research Group. (2023). Effects of meditation training and non-native language training on cognition in older-adults: A secondary analysis of the three-arm Age-Well randomized controlled trial. *Alzheimer's & Dementia*, 19, e077759. [IF 14; OA]
71. Bartrés-Faz, D., Demnitz-King, H., Solé-Padullés, C., Saunders, R., Cattaneo, G., Cabello-Toscano, M., **Klimecki, O.M.**, ... & Marchant, N. L. (2023). Associations between psychological risk and protective profiles and cognitive status in two independent cohorts. *Alzheimer's & Dementia*, 19, e078729. [IF 14; OA]
70. Schlosser^o, M., Demnitz-King, H., Barnhofer, T., Collette, F., Gonneaud, J., Chételat, G., Jessen, F., Kliegel, M., **Klimecki, O.M.**, Lutz, A., Marchant, N.L. & The Medit-Ageing Research Group (2023). Effects of a mindfulness-based intervention and a health self-management programme on psychological well-being in older adults with subjective cognitive decline: Secondary analyses from the SCD-Well randomised clinical trial. *PLoS One*. [IF 3.75; OA]
69. Schlosser^o, M., **Klimecki, O.**, Collette, F., Gonneaud, J., Kliegel, M., Marchant, N.L., Chételat, G., Lutz, A., & The Medit-Ageing Research Group (2023). An 18-month meditation training selectively improves psychological well-being in older adults: Secondary analyses from the Age-Well randomised controlled trial. *PLoS One*. [IF 3.75; OA]
68. Cernadas Curotto^o, P., Sander, D., Halperin, E., & **Klimecki, O.**, (2023) Getting closer: Compassion training increases feelings of closeness toward a disliked person. *Scientific Reports*. [IF 4.6; OA] <https://rdcu.be/dpwka>
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Submitted papers

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- Hähnel^o, F., Lutz, A., Chetelat, G., Gonneaud, J., Kanske, P., **Klimecki, O.** and the Medit-Ageing Research Group. Effects of Meditation Training compared to Non-native Language Training on Loneliness and Social Exclusion: Secondary Findings from the Age-Well Randomized Controlled Trial. *Submitted, Nature Aging*.
- Lau, Y., Bansal, A.,, **Klimecki, O.**, Poisnel, G., Marchant, N.L. & The Medit-Ageing Research Group. Sex Differences in the Association between Repetitive Negative Thinking, Allostatic Load and Neurofilament Light. *Submitted, Translational Psychiatry*.
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- Requier, F., Demnitz-King, H., Frison, E., Delarue, M., Gonneaud, J., Chételat, G., **Klimecki, O.**, Salmon, E., Lutz, A., Marchant, N.L., Collette, F. & the Medit-Ageing Research Group. The evolution of subjective cognition after meditation training in older people: a secondary analysis of the three-arm Age-Well randomized controlled trial. *Submitted, Aging, Neuropsychology and Cognition*.

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Pre-Registrations

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Doctoral Dissertation

Klimecki, O.M. (2013). *Training the Compassionate and the Empathic Brain*. University of Zurich, Zurich, Switzerland.

Habilitation

Klimecki, O.M. (2023). *The Role and Malleability of Emotions in Social Behavior and Conflict Resolution*. Technische Universität Dresden, Germany.

EDITORIAL SERVICES

Editor for Scientific Reports.

Ad hoc reviewer for **journals** such as: Acta Psychologica; British Journal of Psychology; Cognitive, Affective, & Behavioral Neuroscience; Emotion; NeuroImage; Neuron; Neuroscience & Biobehavioral Reviews; Scientific Reports; Social, Cognitive and Affective Neuroscience (SCAN); Social Neuroscience; PLoS One.

Ad hoc reviewer for **funding agencies**: United States-Israel Binational Science Foundation, Varela Grant (Mind and Life Institute, USA), Fonds zur Förderung der wissenschaftlichen Forschung (FWF, Austria), Deutsche Forschungsgemeinschaft (DFG, Germany).

MEMBERSHIPS

Current: Deutsche Gesellschaft für Psychologie (DGPs)

Past memberships include Society for Social Neuroscience, Organization of Human Brain Mapping, International Society for Research on Emotions and others.

OTHER FUNCTIONS

Since 2023: member of the appointment committee for the CZS Stiftungsprofessur für künstliche Intelligenz in der Bildung neuraler Systeme

Since 2020: member of the Think and Do Tank of Humanitarian Education, Swiss Government and International Federation of the Red Cross and Red Crescent Societies.

Since 2016: Co-PI and member of the Executive Committee of the Medit-Ageing/ Silver Santé Study.

2022: Expert for Science et Jeunesse/ Jugend forscht, Switzerland.

2017: Academic in Residence at the Geneva Centre for Security Policy, Switzerland.

2016: Member of the Steering Group “Rewiring the Brain for Peace”, Alliance for Peacebuilding, USA.

MEDIA COVERAGE

In national and international radio, print and television, including *arte*, *BBC*, *coop Magazin*, *DIE ZEIT*, *Dimanche Matin*, *Dutch Television: VPRO Backlight*, *moment by moment*, *New York Times*, *Sciences et Avenir*, *Spiegel*, *Stern*, *SWR2*, *The Independent*, *emotion*, *Le Temps*, *Gehirn und Geist*, *Radio Télévision Suisse (RTS)*, *New Scientist*, *ZDF*.

KEYNOTE LECTURES, INVITED TALKS, AND SYMPOSIA PRESENTATIONS (SELECTION)**2024**

- INSERM, Caen, Frankreich.
- Rotes Kreuz Wien, Österreich.
- Universität Wien, Österreich.

2023

- Swiss lab animal science association, Zurich, Switzerland.
- 9th international congress of clinical and health psychology in children and adolescents, Valencia, Spain.
- Wellbeing Summit, Brussels, Belgium.
- CELISE Workshop, Friedrich-Schiller-Universität Jena, Germany.
- Peace Week, George Mason University, Virginia, USA.
- Fachgruppentagung Entwicklungspsychologie, Harnack Haus, Berlin, Germany.
- Mindfulness in Health Care, Geneva, Switzerland.
- Swiss Congress of Mediation, Lausanne, Switzerland.
- University of California, Berkeley, USA.
- Universität Jena, Germany.
- Happy School Symposium, Hue, Vietnam.
- Technische Universität München, München, Germany.
- Université de Genève, Geneva, Switzerland.

2022

- Universität Innsbruck, Austria.
- Planck Academy Days, Sustainable Working and Leadership Culture, Resilience:

March 2024

People Management at Max-Planck-Society, Berlin, Germany.

- The Neuroscience of Empathy and Compassion conference, Lund, Sweden.
- Psychosomatic conference, Lausanne, Switzerland.
- Practices influencing empathy & compassion - contemplation, art, music, dance, University of Lund, Sweden.
- Medit-Ageing/ Silver Santé Study Consortium Meeting, Spain.
- Think and Do Tank of Humanitarian Education, Swiss Government and International Federation of the Red Cross and Red Crescent Societies, Geneva, Switzerland.
- Think and Do Tank of Humanitarian Education, Swiss Government and International Federation of the Red Cross and Red Crescent Societies, Bern, Switzerland.
- Universität Jena, Germany.
- Red Cross and Red Crescent museum, Geneva, Switzerland.

2021

- Jahrestagung Centrum für Demografie und Diversität, Technische Universität Dresden, Germany.
- Envisioning the Future: Building Peace through Neuroscience, George Mason University, USA.
- Conference on Empathy, Liège, Belgium.
- Université de Liège, Belgium.
- German National Academic Foundation, Germany.
- Universität Dresden, Germany.
- Virginia Commonwealth University, Richmond, Virginia, USA.
- Int. Conf. at Sanford Institute for Empathy and Compassion, San Diego, California, USA.
- Association for Conflict Resolution, Chicago, Illinois, USA.

2020

- Public keynote on Meditation, Würzburg, Germany.
- Jahrestagung der Arbeitsgemeinschaft Theologie der Spiritualität, Würzburg, Germany.
- United Nations, Geneva, Switzerland.
- Talk at the Webinar series „Mediating and Facilitating Large Group, Multi-Stakeholder, Consensus Building Processes“ with Kenneth Cloke, Geneva, Switzerland.
- Charlotte Bühler Kolloquium, Dresden, Germany.

2019

- 33rd Red Cross and Red Crescent International Conference, Geneva, Switzerland (with Emna El May and Cora Aguirre).
- Novartis, Basel, Switzerland.
- Red Cross Museum, Geneva, Switzerland.
- Medit-Ageing/ Silver Santé Study Consortium Meeting, Berlin, Germany.
- Semaine du Cerveau (Brain Week), University of Geneva, Switzerland.
- Semaine du Cerveau (Brain Week), Marseille, France.

2018

- Public conference: Philanthropy, Geneva, Switzerland.
- The 1st International Conference on Innovations in Conflict Resolution and Mediation, Tel Aviv, Israel (with Jeremy Lack and Patricia Cernadas Curotto).
- International conference at University Hospital, Grenoble, France.

March 2024

- Geneva Aging Series, Montreux, Switzerland.
- Medit-Ageing/ Silver Santé Study Meeting, Paris, France.
- Nuit des images, Musée de L'Elysée, Lausanne, Switzerland.
- Workshop "The Science of Mindfulness, a dialogue with Dr. Richard Davidson", Bern, Switzerland.
- Medit-Ageing/ Silver Santé Study Consortium Meeting, Liège, Belgium.
- International Committee of the Red Cross, Geneva, Switzerland.
- University of Liège, Belgium.
- Basel Peace Forum, Basel, Switzerland (with Patricia Cernadas Curotto & Carole Varone).
- Mediator Breakfast of the Chambre Suisse de Médiation Commerciale, Geneva, Switzerland (with Patricia Cernadas Curotto).

2017

- Colloquium, University Hospital Geneva, Switzerland.
- Haus am Dom, Frankfurt, Germany.
- Medit-Ageing/ Silver Santé Study Meeting, Caen, France.
- Institute of Medical Psychology and for the Sozietät Jaspers, University Hospital Heidelberg, Germany.
- Medit-Ageing/ Silver Santé Study Consortium Meeting, Barcelona, Spain.
- Landau Peace Lecture, University of Koblenz-Landau, Landau, Germany.
- Colloquium, University Hospital Geneva, Switzerland.
- International Convention of Psychological Science, Vienna, Austria.
- English Speaking Cancer Association, Geneva, Switzerland.
- Semaine du Cerveau (Brain Week), University of Geneva, Switzerland.
- "festival du film vert", Rolle, Switzerland.

2016

- Ernst-Abbe Hochschule Jena, Germany.
- Geneva Centre for Security Policy, Switzerland.
- University of Lausanne, Switzerland.
- Medit-Ageing/ Silver Santé Study Consortium Meeting, Lyon, France.
- Haute école de travail social et de la santé, Lausanne, Switzerland.

2015

- Centre for Humanitarian Dialogue, Geneva, Switzerland.
- Mediator Breakfast of the Chambre Suisse de Médiation Commerciale, Geneva, Switzerland.
- conflict matters, Brussels, Belgium.
- Medit-Ageing/ Silver Santé Study Meeting, Lyon, France.
- Brain and Behavior Lab Research Day, University of Geneva, Switzerland.
- Conference of the International Society for Research on Emotion, Geneva, Switzerland.
- Colloquium, University of Tübingen, Germany.
- Psychosomatic Colloquium, University of Freiburg, Germany.
- Studium Generale on the Evolution of Cooperation, University of Mainz, Germany.
- 28. Jahrestagung des Symposiums Friedenspsychologie, Marburg, Germany.

- Interpeace, Geneva, Switzerland.
- Centre of Research of the Brain & Spine Institute, Hôpital de la Salpêtrière, Paris, France.
- University of Louvain-la-Neuve, Belgium.
- Colloquium Social Psychology and Social Neuroscience, University of Bern, Switzerland.

2014

- Early career award talk, Society for Social Neuroscience meeting, Washington, DC, USA.
- Person Perception Workshop, Jena, Germany.
- Workshop of Interpersonal Accuracy, Neuchâtel, Switzerland.
- Das soziale Gehirn, Fürth, Germany.
- Red Cross Exhibition “Trop Humain”, Geneva, Switzerland.
- Bundesgeschäftsführertagung der Waldorfschulen, Berlin, Germany.
- Association Neuchâteloise d’Accueil et d’Action Psychiatrique, Neuchâtel, Switzerland.

2013

- Research Seminar in Person Perception in Jena, Germany.
- Conference on “Humanitarian Workers: Personal Ethics, Psychology, and Lifestyle”, Oxford, UK.
- ach so verstehen wir, Münster, Germany.
- Biannual Congress of the Swiss Psychological Society, Basel, Switzerland.
- Psychologie und Gehirn, Würzburg, Germany.
- Kongress der Deutschen Gesellschaft für Klinische Neurophysiologie und funktionelle Bildgebung, Leipzig, Germany.
- Brain Awareness Week, Geneva, Switzerland.
- Bavelier Lab, University of Geneva, Switzerland.
- Alpine Brain Imaging Meeting, Champéry, Switzerland.

2012 and 2011

- Empathy and Compassion in Society Conference, London, UK.
- Youth Gathering of the Empathy and Compassion in Society Conference, London, UK.
- Science Slam during the Long Night of Science, Leipzig, Germany. (Winning presentation)
- International Symposia for Contemplative Studies, Denver, USA.
- Tagung experimentell arbeitender Psychologen (Conference on Experimental Psychology), Mannheim, Germany.
- Workshop "How to Train Compassion", Berlin, Germany.

PUBLIC OUTREACH ACTIVITIES (SELECTION)

- Red Cross and Red Crescent Museum, Geneva, Switzerland (2023).
- Consensus Campus, Germany (2023).
- Mindfulness Swiss, Switzerland (2023).
- Red Cross and Red Crescent Museum, Geneva, Switzerland (2022).
- Think Tank Humanitarian Education, Geneva, Switzerland (2022).

- Think Tank Humanitarian Education, Bern, Switzerland (2021).
- Envisioning the Future: Building Peace through Neuroscience, Carter School for Peace and Conflict Resolution, Fairfax, Virginia, USA (2021).
- Studienstiftung des Deutschen Volkes, Germany (2021).
- Jahrestagung des Centrum für Demografie und Diversität, Dresden, Germany (2021).
- Association for Conflict Resolution, Chicago, USA (2021).
- Public Talk on Meditation and Theology, Würzburg (2020).
- United Nations, Geneva (2020).
- Jahreskonferenz des MBSR-MBCT-Verbandes (2020).
- Organization of Public conference « Brain Health Over the Lifespan » in Berlin (2019), jointly with Ulman Lindenberger and LifeBrain consortium.
- Semaine du Cerveau (Brain Week), University of Geneva, Switzerland (2019).
- Semaine du Cerveau (Brain Week), Marseille, France (2019).
- International conference on meditation, University Hospital, Grenoble, France (2018).
- Nuit des images, Musée de L'Elysée, Lausanne, Switzerland (2018).
- Workshop "The Science of Mindfulness, a dialogue with Dr. Richard Davidson", Bern, Switzerland (2018).
- International Committee of the Red Cross, Geneva, Switzerland (2018).
- Public conference cycle Empathy and Social Behavior, Liège, Belgium (2018).
- Chambre Suisse de Médiation Commerciale, Geneva, Switzerland (2018).
- Haus am Dom, Frankfurt, Germany (2017).
- Landau Peace Lecture, University of Koblenz-Landau, Landau, Germany (2017).
- English Speaking Cancer Association, Geneva, Switzerland (2017).
- Semaine du Cerveau (Brain Week), University of Geneva, Switzerland (2017).
- "festival du film vert", Rolle, Switzerland (2017).
- Geneva Centre for Security Policy, Switzerland (2016).
- Haute école de travail social et de la santé, Lausanne, Switzerland (2016).
- Centre for Humanitarian Dialogue, Geneva, Switzerland (2015).
- Psychosomatic Colloquium, University of Freiburg, Germany (2015).
- Studium Generale on the Evolution of Cooperation, University of Mainz, Germany (2015).
- Interpeace, Geneva, Switzerland (2015).
- Das soziale Gehirn, Fürth, Germany (2014).
- Red Cross Exhibition “Trop Humain”, Geneva, Switzerland (2014).
- Bundesgeschäftsführertagung der Waldorfschulen, Berlin, Germany (2014).
- Association Neuchâteloise d’Accueil et d’Action Psychiatrique, Neuchâtel, Switzerland (2014).
- Brain Awareness Week, Geneva, Switzerland (2013).
- Science Slam during the Long Night of Science, Leipzig, Germany (2012; Winning presentation).