

CURRICULUM VITAE

Dr. Olga Maria Klimecki (-Lenz)

(born: Klimecki)

Senior Researcher (Maître Assistante, Oberassistentin)

University of Geneva, Switzerland

one child (born 2016)



RESEARCH TOPICS

- emotions
- cognition
- social interactions
- interventions
- conflict resolution
- empathy, compassion, theory of mind
- healthy ageing
- neural plasticity (fMRI)
- psychophysiology
- meditation
- mediation
- stress
- sleep

ACADEMIC POSITIONS

- since 09/2019* **Maitre Assistante** (senior researcher, lecturer and group leader) at the Geneva School of Social Sciences, University of Geneva, Switzerland.
- 08/2016-08/2019* **Maitre Assistante** (senior researcher and group leader) with Prof. David Sander and Prof. Patrik Vuilleumier at the University of Geneva, Switzerland.
- Since 01/2016* **Leader of the workpackage** "Emotions" and one of six **Principle Investigators** in the European project "Medit-Ageing", University of Geneva, Switzerland.
- Since 02/2015* **Leader of the research focus** "Emotions and Conflict" (jointly with Prof. David Sander), Swiss Center for Affective Sciences, University of Geneva, Switzerland.
- 08/2017-05/2018* **Acting leader of the workpackage** "Cognition and Well-being" in the European project "Medit-Ageing" (replacement for Dr. Natalie Marchant during her maternity leave).
- 10/2016-02/2017* **maternity leave** (I work part-time since 2017)
- 01/2015-07/2016* **post-doctoral researcher**, University of Geneva, Switzerland
- 01/2013-01/2015* **Marie-Curie/Bridge postdoctoral fellow** with Prof. David Sander and Prof. Patrik Vuilleumier, Swiss Center for Affective Sciences, University of Geneva, Switzerland.
- 09/2012-12/2012* **Postdoctoral researcher** with Prof. Tania Singer at the Max-Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany.
- 09/2010-09/2012* **Assistant researcher** with Prof. Tania Singer at the Max-Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany.
- 10/2007-9/2010* **Assistant researcher** with Prof. Tania Singer at the Institute of Empirical Economics (Director: Prof. Ernst Fehr), University of Zurich, Switzerland.

RANKINGS FOR PROFESSORSHIPS

2. place for W2 Professorship **Social Neuroscience**, University of Jena, Germany (procedure concluded in 2019).

EDUCATION

- 09/2012* **PhD defense** in Psychology (“summa cum laude”) at the University of Zurich, Switzerland; supervisors: Prof. Lutz Jäncke, Prof. Tania Singer.
- 9/2006-9/2007* **MSc Neuroscience** at University College London (UCL), UK. Supervisor: Dr. Beau Lotto, Institute of Ophthalmology.
- 1/2006-8/2006* **Diplomarbeit** (comparable to a master’s thesis, grade: very good) in Psychology Johannes Gutenberg University, Mainz, Germany. Supervisors: Prof. Gerd Vossel, Matthias Gamer.
- 10/2005* **Vordiplom** (comparable to a BA, grade: very good) in Psychology at Johannes Gutenberg University, Mainz, Germany.
- 6/2003* **Abitur** (final high school examination, grade: very good) in Wiesbaden, Germany.

ADDITIONAL QUALIFICATIONS

- 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 - 09/2007* as a scholar of the "Studienstiftung des deutschen Volkes" (German National Academic Foundation) participation in 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), a language course in English and courses of lectures on neuroscience.
- Since 2008* regular meditation practice (including meditation retreats up to 6 weeks).

THIRD PARTY FUNDING, PRIZES, AND FELLOWSHIPS

- 12/2018-01/2020 Funding from the Swiss Ministry of Foreign Affairs for the project "The impact of teaching humanitarian values on international conflict resolution" (**CHF 20'000**)
- 08/2018-12/2018 Funding from the Swiss Center for Affective Sciences, for the project "The impact of mediation on couple conflict" (with Prof. David Sander, **CHF 20'000**)
- 07/2018-12/2018 Funding from the Swiss Center for Affective Sciences, for the project "The impact of sleep deprivation on couple conflict " (with Prof. David Sander, **CHF 20'000**)
- 07/2017-04/2020 Funding from the **Deutsche Forschungsgemeinschaft** for the Network "Understanding Others – Integration of Social Cognitive and Affective Processes" (with Dr. Dana Schneider, **EUR 35'291**).
- 07/2016-08/2017 Funding from the **National Center of Competence in Research (NCCR)** for the project "The Role of Emotions in Conflict Resolution" with Prof. David Sander (**CHF 77'000**).
- 01/2016-12/2020 **Leader of the workpackage** "Emotion" and one of six **Principle Investigators** on the European grant "Medit-Ageing" (project ID: 667696; total grant volume: **EUR 6'992'006**; grant volume for my workpackage "Emotion": **EUR 860'375**).
- 11/2015-08/2017 Funding from the **National Center of Competence in Research (NCCR)** for project on "Affective and Social Signals in Mediation" (**CHF 5'000**).
- 2014 **Early Career Award** from the Society for Social Neuroscience (received in Washington, USA).
- 2013 **Evens Science Prize** for the project "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** for the University of Geneva, Switzerland (about **CHF 250'000**).
- 10/2008-10/2009 **Research Funding** from the University of Zurich for "Neural Foundations of Empathy Learning" (Forschungskredit No 53990601; **CHF 43'776**).
- 10/2008-09/2010 **Research Funding** from the Neuroscience Center Zurich for "Neural foundations of empathy training", (**EUR 142'800**) together with Prof. Tania Singer.
- 2004 - 09/2007 **Scholar** of the German National Academic Foundation (Studienstiftung des deutschen Volkes).

ORGANIZATION OF CONFERENCES, WORKSHOPS AND SYMPOSIA

- 11/2019 **Public conference** "Brain Health Across the Lifespan" (co-organizers: Lifebrain & German Brain Council), Berlin, Germany.
- 11/2019 **Medit-Ageing consortium meeting** in Berlin, 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 Roue (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 in preparing and carrying out the **conference** "Tagung experimentell arbeitender Psychologen" (Conference on Experimental Psychology), in Mainz, Germany.

TEACHING

- spring 2020* Guest Lecture: "Healthy Ageing", Psychology, University of Jena, Germany.
- spring 2020* Guest Course: „Impact of meditation on the brain development » for the High School for Management, Geneva, Switzerland.
- autumn 2019* Seminar for Master students on "Emotions and Conflict Resolution", University of Geneva, Switzerland.
- autumn 2019* Lecture series for Bachelor students on "Emotions, Individual behavior and Collective Actions", University of Geneva, Switzerland.
- spring 2019* Block Lectures: "Gehirn und Verhalten" (Brain and Behavior), Institut für Psychologie-Transfer, Zurich, Switzerland.
- 06/2018* Course: "Neuroscience of Conflict" for Geneva Centre for Security Policy, Switzerland.
- spring 2018* Block Lectures: "Gehirn und Verhalten" (Brain and Behavior), Institut für Psychologie-Transfer, Zurich, Switzerland.
- 11/2017* Single Lecture: "Compassion et Empathie" (Compassion and Empathy) for undergraduates in Psychology, University of Geneva, Switzerland.
- 05/2017* Course: "Neuroscience of Conflict" for the Geneva Centre for Security Policy, Switzerland.
- 03/2017* Single Lecture: "Involvement of the social brain in cooperation and competition" for Biology and Psychology students, University of Geneva, Switzerland.
- spring 2017* Block Lectures: "Gehirn und Verhalten" (Brain and Behavior), Institut für Psychologie-Transfer, Zurich, Switzerland.
- spring 2017* Seminar: "Emotions et conflits" (Emotions and Conflicts) for Master students in Psychology, University of Geneva, Switzerland (assisted by Patricia Cernadas Curotto).
- 12/2016* Course: "Compassion et Neuroscience" (Compassion and Neuroscience) for the Diplôme Universitaire de Médecine Méditation et Neurosciences, University of Strasbourg, France.
- 05/2016* Course: "Neuroscience of Conflict" for the Geneva Centre for Security Policy, Switzerland.
- 04/2016* Course: "Empathie et Compassion" (Empathy and Compassion), Haute école de travail social et de la santé, Lausanne, Switzerland.
- 04/2016* Single Lecture: "Compassion et Empathie" (Compassion and Empathy) for undergraduates in Psychology, University of Geneva, Switzerland.

June 2020

- spring 2016* Seminar: "Emotions et conflits" (Emotions and conflicts) for Master students of Psychology, University of Geneva, Switzerland.
- spring 2016* Block Lectures: "Gehirn und Verhalten" (Brain and Behavior), Institut für Psychologie-Transfer, Zurich, Switzerland.
- 02/2016* Course: "Neuroscience and Conflict Resolution" for the Geneva Centre for Security Policy, Switzerland.
- 01/2016* Course: « Compassion and Neuroscience » for the Diplôme Universitaire de Médecine Méditation et Neurosciences, University of Strasbourg, France.
- 10/2015* Single Lecture: « Influence of emotions on cognition and decision-making » for master students in Psychology, University of Geneva, Switzerland.
- autumn 2015* Block Lectures: "Empathie Training" (Empathy Training), Institut für Psychologie-Transfer, Zurich, Switzerland.
- spring 2015* Block Lectures: "Gehirn und Verhalten" (Brain and Behavior), Institut für Psychologie-Transfer, Zurich, Switzerland.
- 12/2014* Course: « Compassion and Neuroscience », Diplôme Universitaire de Médecine Méditation et Neurosciences, University of Strasbourg, France.
- 12/2014* Single Lecture: "Compassion et Empathie" (Compassion and Empathy) for undergraduates in Psychology, University of Geneva, Switzerland.
- 08/2014* Teaching at 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* Teaching 2 semester long-courses of the Graduate Seminar "Social Neuroscience" at the University of Zurich, Switzerland (with Romana Snozzi).

SUPERVISIONS**Post-doctoral researchers (University of Geneva)**

Since 2019 Yacila Deza-Araujo (Neuroscience): Medit-Ageing/ Silver Santé Study (with Prof. Patrik Vuilleumier).

PhD students (University of Geneva)

Since 2016 Patricia Cernadas Curotto (Psychology): "Testing compassion as a new emotion regulation strategy for promoting conflict resolution" (with Prof. Eran Halperin, Hebrew University of Jerusalem, Israel, and Prof. David Sander).

Since 2016 Sebastian Baez Lugo (Neuroscience): "Physiological and Neuroscientific Basis of Emotion Regulation in Elderly" (with Prof. Patrik Vuilleumier).

Since 2015 Francois Bogacz (Computer Sciences): "Using Affective and Social Signals to improve conflict resolution in mediation".

Master StudentsUniversity College London (UK)

2020 Freya Koutsoubelis (Psychology): "Changing Cognition, Lifestyle, and Emotions in patients with Subjective Cognitive Decline" (with Dr. Natalie Marchant, UCL, UK).

University of Jena (Germany)

2019-2020 Natalie Pfaff (Psychology): "The impact of Meditation on Healthy Ageing" (with Prof. Stefan Schweinberger, University of Jena, Germany).

University of Geneva (Switzerland)

2020-2021 Ynès Buoamoud (Psychology): Emotional dynamics in couple conflict (with Prof. David Sander).

2017-2020 Christel Maradan (Neuroscience): "Comparing empathic neural responses in young and old adults" (with Prof. Patrik Vuilleumier and Sebastian Baez Lugo).

2017-2019 Benjamin Boaz Feldman (Psychology): "Does compassion training improve couple interactions during conflict?" (with Prof. David Sander and Patricia Cernadas Curotto).

2017-2019 Clara Bordas (Medicine): "Neural substrates of ageing" (with Prof. Patrik Vuilleumier and Sebastian Baez Lugo).

2017-2019 Silvia De Cataldo (Medicine): "Neural substrates of ageing" (with Prof. Patrik Vuilleumier and Sebastian Baez Lugo).

2017-2019 Gladys Balthasar (Psychology): "The impact of compassion training on couple conflict" (with Prof. David Sander and Patricia Cernadas Curotto).

2017-2019 Caroline Miron-Lapointe (Psychology): "The impact of compassion training on couple conflict" (with Prof. David Sander and Patricia Cernadas Curotto).

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- 2017-2019 Julia Sachs (Psychology): "Comparing empathic neural responses in young and old adults" (with Prof. David Sander and Sebastian Baez Lugo).
- 2016-2019 Matthieu Vétois (Psychology): "The role of emotions in conflict resolution" (with Prof. David Sander).
- 2016-2018 Niloufar Pouyan (Neuroscience): "Relationship between personality traits and responders vs. non-responders to meditation training" (with Prof. Christine Mohr, University of Lausanne).
- 2016-2018 Halima Rafi (Neuroscience): "Neural Bases of Conflict Resolution" (with Prof. David Sander).
- 2015-2017 Linda Amrar (Psychology): "The effect of Frustration on Aggression" (with Prof. David Sander).
- 2014-2016 Milica Garic (Psychology): "Fostering Conflict Resolution" (with Prof. David Sander).
- 2014-2016 Lucien Gyger (Neuroscience): "Neurophysiological substrates of interpersonal conflict" (with Prof. David Sander).
- 2013-2015 Alexandra Anastaze (Psychology): "Relation between character traits and brain responses in the inequality task" (with Prof. David Sander).

University of Zurich

- 2010-2011 Etna Engeli (Psychology): "Plasticity in Compassion versus Empathic Distress: The Influence of Affective Dispositions on Brain Responses to Aversive Stimuli" (with Prof. Tania Singer).

In addition supervision of more than 40 Bachelor students and Master students in internships.

Research Assistants

Sabine Wahler (2009), Patricia Cernadas Curotto (2016-2017), Matthieu Vétois (2016-2017), Tiffany Martin (2018), H el ene Maurer (2018), Halima Rafi (2019), Cora Aguirre (2018-2020), Emna el May (2018-2020), Marco Schlosser (2020), Christel Maradan (2020).

PUBLICATIONS

Peer Reviewed (count indicates peer reviewed *journal* articles)**2020/ In press/ Forthcoming/ Submitted**

Bogacz, F., Pun, T., **Klimecki, O. M.** Mediators have a beneficial impact on conflict resolution in romantic couples. *Revised and resubmitted, Palgrave Communications.*

Klimecki, O.M., Sander, D. (forthcoming). A psychological and neuroscientific view on contempt. In P. Lombardo and K. Mulligan (Eds.). *Contempt*. Oxford University Press.

Klimecki, O., Vétois, M., Sander, D. Political opinions matter when it comes to changing social emotions in conflicts over immigration. *Revised and resubmitted, Palgrave Communications.*

Marchant, N., Barnhofer, T., Wirth, M., Coueron, R., Lutz, A, ..., Chételat, G., Jessen, F. & Klimecki O.M. (2020). The SCD-Well Randomized Controlled Trial: Effects of a Mindfulness-Based Intervention Versus Health Education On Mental Health in Patients with Subjective Cognitive Decline. *Under consideration JAMA Psychiatry.*

Schlosser, M., Pfaff, N, Schweinberger, S.R. Marchant, N., **Klimecki, O.** Measuring Compassion for Others. The psychometric properties of the Compassionate Love Scale and the validation of the English and German 7-item Compassion for Others Scale (COS-7). *Under consideration, PLoS One.*

20. Rafi, H., Bogacz, F., Sander, D., **Klimecki, O.M.** (in press). Impact of Couple Conflict and Mediation on How Romantic Partners Are Seen: an fMRI study. *Cortex*. [impact factor 4.28]

19. André, C., ..., ..., **Klimecki, O.** ..., Chételat, G., Rauchs, G. (2020). Association of sleep-disordered breathing with gray matter volume, perfusion, glucose metabolism and β -amyloid deposition in older adults. *JAMA Neurology*. [impact factor 12.32; OA]

Klimecki, O.M., Schweinberger, S.R. (2020). Soziale Neurobiologie. In U.T. Egle, C. Heim, B. Strauß and R. v. Känel (Eds). *Psychosomatische Medizin 3.0 – Neurobiologisch fundiert – Evidenzbasiert*. W. Kohlhammer.

2019

Schneider, D., **Klimecki, O.**, Burgmer, P., Kessler, T. (2019). Social Cognition. In: Zeigler-Hill V., Shackelford T. (Eds). *Encyclopedia of Personality and Individual Differences*. Springer, Cham.

18. **Klimecki, O.**, Marchant, N.L., Lutz, A., Poisnel, G., Chételat, G., Collette, F. (2019). The impact of meditation on healthy ageing – the current state of knowledge and a roadmap to future directions. *Current Opinion in Psychology*, 28, 223-228. [impact factor 3.43]

17. Cernadas Curotto, P., Halperin, E., Sander, D., **Klimecki, O.**, (2019). Commentary: "Emotions in attacker-defender conflicts". *Brain and Behavioral Sciences*. [impact factor 15.07]

16. **Klimecki, O.** (2019). The role of empathy and compassion in conflict resolution. *Emotion Review*, 11(4), 310–325. [impact factor 4.07]

2018

15. Chételat, G., Lutz, A., Arenaza-Urquijo, E., Collette, F., **Klimecki, O.**, Marchant, N. (2018). Why could meditation practice help promote mental health and well-being in ageing? *Alzheimer's Research & Therapy*, 10, 57. [impact factor 6.15; OA]
14. Lutz, A., **Klimecki, O.M.**, Collette, F., Poinsel, G., Arenaza-Urquijo, E., Marchant, N.L., De La Sayette, V., Rauchs, G., Salmon, E.G., Vuilleumier, P., Frison, E., Vivien, D., Chételat, G. & the Medit-Ageing Research Group (2018). The Age-Well observational study on expert meditators in the Medit-Ageing European project. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*, 4, 756-764. [impact factor 4.33; OA]
13. Marchant, N.L., Barnhofer, T.*, **Klimecki, O.***, et al. (2018). The SCD-Well randomized controlled trial: Effects of a mindfulness-based intervention versus health education on mental health in patients with subjective cognitive decline (SCD). *Alzheimer's & Dementia: Translational Research & Clinical Interventions*, 4, 737-745. *Co-second authorship [impact factor 4.33; OA] ClinicalTrials.gov Identifier: NCT03005652
12. Mayer, S., Jusyte, A., **Klimecki-Lenz, O.**, Schönenberg, M. (2018). Empathy and altruistic behavior in antisocial violent offenders with psychopathic traits. *Psychiatry Research*, 269, 625-632. [impact factor 2.53]
11. **Klimecki, O.M.**, Sander, D., Vuilleumier, P. (2018). Distinct brain areas involved in anger versus punishment during social interactions. *Scientific Reports*, 8, 10556. [impact factor 5.58; OA]
10. Poinsel, G., Arenaza-Urquijo*, E., Collette*, F., **Klimecki***, **O.M.**, Marchant*, N.L., et al. (2018). Study protocol for the Age-Well clinical trial of the Medit-Ageing European project. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*, 4, 714-723. *Co-second authorship impact factor 4.33; [OA] ClinicalTrials.gov Identifier: NCT02977819

2017

Klimecki, O.M., Singer, T. (2017). The Compassionate Brain. In J.R. Doty, M. Worline, E. Simon-Thomas, D. Cameron and S. Brown (Eds.) *Oxford Handbook on Compassion Science*. Oxford University Press.

Bogacz, F., **Klimecki, O.M.** (2017). How do emotions impact conflicts? A neuroscientific perspective. In B. Lewandowska-Tomaszczyk, P. Wilson and S. Croucher (Eds.). *Approaches to Conflict: Theoretical, Interpersonal, and Discursive Dynamics*. Lexington Books.

2016

9. **Klimecki, O.M.**, Mayer, S.V., Jusyte, A., Scheeff, J., Schönenberg, M. (2016). Empathy promotes altruistic behavior in economic interactions. *Scientific Reports*, 6, 31961. [impact factor 5.58; OA]
8. **Klimecki, O.M.**, Vuilleumier, P., Sander, D. (2016). The impact of emotions and empathy-related traits on punishment behavior: Introduction and Validation of the Inequality Game. *PLoS One*, 11(3): e0151028. [impact factor 3.23; OA]

2015

7. **Klimecki, O.M.** (2015). The Plasticity of Social Emotions. *Social Neuroscience*. 10, 466-473. doi: 10.1080/17470919.2015.1087427 [impact factor 3.65]

Klimecki, O., Singer, T. (2015). Compassion. In: A.W. Toga (Ed.) *Brain Mapping: An Encyclopedic Reference*, vol. 3, pp. 195-199. San Diego: Academic Press Elsevier.

2014

6. Singer, T., **Klimecki, O.M.** (2014). Empathy and Compassion. *Current Biology*, 24, R875-R878. [impact factor 10.13; OA]
5. **Klimecki, O.**, Leiberg, S., Ricard, M., Singer, T. (2014). Differential Pattern of Functional Brain Plasticity after Compassion and Empathy Training. *Social, Cognitive and Affective Neuroscience*, 9, 873–879. [impact factor 7.37; OA]
4. Bernhardt, B.*, **Klimecki, O.***, Leiberg, S., Singer T. (2014). Structural Covariance Networks of the Dorsal Anterior Insula Predict Females' Individual Differences in Empathic Responding. *Cerebral Cortex*, 24, 2189-98. [impact factor 8.67; OA] *shared first authorship

2013

3. **Klimecki, O.**, Leiberg, S., Lamm, C., Singer, T. (2013). Functional neural plasticity and associated changes in positive affect after compassion training. *Cerebral Cortex*, 23, 1552–1561. [impact factor 8.67; OA]

Klimecki, O., Singer, T. (2013). Empathy from the perspective of social neuroscience. In: J. Armony, P. Vuilleumier (Eds.), *Handbook of Human Affective Neuroscience*, pp. 533-551. New York: Cambridge University Press.

Klimecki, O., Ricard, M., Singer, T., (2013). Empathy versus Compassion – Lessons from 1st and 3rd Person Methods. In: T. Singer, M. Bolz (Eds.) *Compassion: From Theory, to Training, to Neuroscience. A Multimedia Book*.

2012

2. Gamer, M., **Klimecki, O.**, Bauermann, T., Stoeter, P., Vessel G. (2012). fMRI-activation patterns in the detection of concealed information rely on memory-related effects. *Social, Cognitive and Affective Neuroscience*. 7, 506-515. [impact factor 7.37; OA]

Klimecki, O., Singer, T. (2012). Empathic distress fatigue rather than compassion fatigue? Integrating findings from empathy research in psychology and social neuroscience. In B. Oakley, A.Knafo, G. Madhavan, D. S. Wilson (Eds.), *Pathological altruism* (pp. 368-383). New York: Oxford University Press.

2011

1. Leiberg, S., **Klimecki, O.**, Singer, T. (2011). Short-term compassion training increases prosocial behavior in a newly developed prosocial game. *PLoS One*, 6, e17798. [impact factor 3.23; OA]

Other Publications

Klimecki, O., Sander, D. (2017). Anger and its relation to Aggression. In D. Sander (Ed). *Emotions*. Zurich, BENTELI publishing.

Klimecki, O., Vuilleumier, P. (2017). Anger. In D. Sander (Ed). *Emotions*. Zurich: BENTELI publishing.

Klimecki, O. (2016). Mehr Mitgefühl. (More Compassion) *Gehirn und Geist*. 2/2016, 52-57.

Klimecki, O. (2015). Plastizität im sozialen Gehirn – wie wir unsere Emotionen trainieren können. (Plasticity in the social brain - how we can train our emotions.) In: H. Fink and R. Rosenzweig (Eds.) *Das soziale Gehirn - Neurowissenschaft und menschliche Bindung*. Münster: Mentis.

Klimecki, O. (2014). Emotionales Verstehen. Die Rolle von Empathie und Mitgefühl. (Emotional Understanding. The role of empathy and compassion) In: S. Schulte (Ed.) *ach so verstehen wir. Interdisziplinäre Gespräche übers Verstehen*. Münster: Waxmann Verlag.

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

SELECTION OF MANUSCRIPTS IN PREPARATION

Aguirre, C., El May, E., **Klimecki, O.** Training humanitarian values promotes the willingness to help out-group members through an increase in distress and compassion.*

Baez Lugo, S., Deza-Araujo, Y., ..., Vuilleumier, P., **Klimecki, O.** Brain activations and functional connectivity related to empathy and emotional inertia in older participants: an fMRI study.*

Cernadas Curotto, P., Barsics, C, Sander, D., d'Argembeau, A., van der Linden, M., **Klimecki O.** Back to the Future: A way to increase prosocial behavior.*

Cernadas Curotto, P., Sander, D., Halperin, E., **Klimecki, O.** Compassion training increases interpersonal closeness in difficult relations.*

Cernadas Curotto P., Sander, D., Favez, N., Sterpenich, V., Rimmele, U., **Klimecki, O.** The impact of sleep deprivation on couple conflict.*

Deza-Araujo, Y., Aguirre, C., Gyger, L., Sander, D., Rimmele, U., **Klimecki, O.M.** Stress increases punishment and aggression in healthy males.*

Deza-Araujo, Y., Baez, S., Vuilleumier, P., Chételat, G., Poisnel, G., **Klimecki, O.M.** Whole blood serotonin levels are related to lower activity in Socio-Affective Brain Regions in Healthy Elderly.*

Klimecki, O., ..., Schneider, D. Understanding Others: an integrative framework on "empathy" and "theory of mind". **

Rafi, H., Bogacz, F., Sander, D., **Klimecki, O.M.** Incidental emotions of pleasure and hatred evoked during interpersonal conflict influence economic decision-making behavior.*

* Data collection and data analysis completed; ** Review Paper

INVITED TALKS AND SYMPOSIA PRESENTATIONS**2020**

Mediating in a Multilateral World. Class with Kenneth Cloke & Jeremy Lack for the **United Nations, Geneva, Switzerland.**

Conflict or Cooperation – How can social emotions shape interpersonal and intergroup behavior? Talk at the **Webinar series** „Mediating and Facilitating Large Group, Multi-Stakeholder, Consensus Building Processes“ with **Kenneth Cloke.**

Social Emotions in the Ageing Brain. Charlotte Bühler **Kolloquium, Dresden, Germany.**

2019

Training humanitarian values improves willingness to help out-group members through an increase in feelings of distress and compassion. **33rd Red Cross and Red Crescent International Conference, Geneva, Switzerland** (with Emna El May and Cora Aguirre).

Conflict or Cooperation - how can social emotions shape interpersonal and intergroup behavior? **Novartis, Basel, Switzerland.**

Podium Discussion on Humanitarian Principles, **Red Cross Museum, Geneva, Switzerland.**

Est-ce que la médiation peut aider à gérer le conflit de couple? (Can mediation help in managing couple conflict?). **Semaine du Cerveau (Brain Week), University of Geneva, Switzerland.**

La méditation: une clé pour notre bien-être et pour bien vieillir? (Meditation: a key to our wellbeing and for good ageing?) **Semaine du Cerveau (Brain Week), Marseille, France.**

2018

Lien entre émotions, empathie et comportement prosocial. (Link between emotions, empathy and prosocial behavior). **Colloque Philanthropie, émotions et empathie: quels liens?, Geneva, Switzerland.**

The Impact of Neurosciences on the Future of Alternative Dispute Resolution and Process Design, **The 1st International Conference on Innovations in Conflict Resolution and Mediation, Tel Aviv, Israel** (with Jeremy Lack and Patricia Cernadas Curotto).

Le cerveau méditatif est le siège d'une activité spécifique qui favorise la compassion. Que nous apprennent les avancées des neurosciences sur les bénéfices de la méditation? **University Hospital, Grenoble, France.**

The Medit-Ageing study - trial design and first results. **Geneva Aging Series, Montreux, Switzerland.**

Podium Discussion on Humanitarian Principles, **Nuit des images, Musée de L'Elysée, Lausanne, Switzerland.**

Leading mindfully in Health and Society, **Workshop "The Science of Mindfulness, a dialogue with Dr. Richard Davidson", Bern, Switzerland.**

Empathy and Compassion Training and its relation to social behavior, emotions and brain function, **International Committee of the Red Cross, Geneva, Switzerland.**

Entraîner l'empathie et la compassion. (Training empathy and compassion). **Public conference cycle "L'empathie et les comportements sociaux"** (Empathy and social behavior), **University of Liège, Belgium.**

Emotions in Conflict. Pavilion and Oral Presentation at the **Basel Peace Forum, Basel, Switzerland** (with Patricia Cernadas Curotto and Carole Varone)

Premiers résultats empiriques pour promouvoir la résolution des conflits. (First empirical results for promoting conflict resolution). **Mediator Breakfast of the Chambre Suisse de Médiation Commerciale, Geneva, Switzerland** (with Patricia Cernadas Curotto)

2017

Effets de l'entraînement de la compassion sur le fonctionnement du cerveau, le bien-être et le comportement social. (Effects of compassion training on brain functions, well-being and social behavior). **Colloquium, University Hospital Geneva, Switzerland.**

Mitgefühl im Zentrum der Fairness. (Compassion in the Center of Fairness). **Haus am Dom, Frankfurt, Germany.**

Das trainierbare Gehirn – wie Mitgefühlstraining den Umgang mit Leid verändern kann. (The malleable brain – how compassion training can change the dealing with suffering). **Institute of Medical Psychology and for the Sozietät Jaspers, University Hospital Heidelberg, Germany.**

Die Rolle von Empathie und Perspektivübernahme in Konflikten – Ergebnisse aus psychologischer und neurowissenschaftlicher Forschung. (The role of empathy and perspective taking in conflicts - results from psychological and neuroscientific research). **Landau Peace Lecture, University of Koblenz-Landau, Landau, Germany.**

Effets de l'entraînement de la compassion: implications pour les professions médico-soignantes. (Effects of training compassion: implications for medical and caregiving professions). **Colloquium, University Hospital Geneva, Switzerland.**

Anger and the inhibition of aggressive behavior – the role of empathy, theory of mind and neural control mechanisms. 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.**

The impact of compassion training on dealing with suffering - evidence from psychology and neurosciences. **English Speaking Cancer Association, Geneva, Switzerland.**

Entraînement de la compassion et du comportement prosocial. (Training of compassion and prosocial behavior). **Semaine du Cerveau (Brain Week), University of Geneva, Switzerland.**

Discussion of the film "*Vers un monde altruiste?*" at the "**festival du film vert**", **Rolle, Switzerland.**

2016

Wie unser Gehirn adaptive Emotionen lernen kann. **Ernst-Abbe Hochschule Jena**, Germany.
Multidisciplinary Approaches to Governance: Contributions of Neurosciences. Seminar on "Water Security: Enhancing Multi-Stakeholder Partnerships", **Geneva Centre for Security Policy**, Switzerland.

Shaping the Social Brain for Cooperation. **University of Lausanne**, Switzerland.

Empathie et Compassion. (Empathy and Compassion). **Haute école de travail social et de la santé, Lausanne**, Switzerland.

2015

How Can Affective Sciences Contribute To Conflict Resolution? **Centre for Humanitarian Dialogue, Geneva**, Switzerland.

How Can Affective Sciences Contribute To Conflict Resolution And Peacebuilding? **Mediator Breakfast of the Chambre Suisse de Médiation Commerciale, Geneva**, Switzerland.

Conflict or Cooperation? - How can emotions shape our behavior. **Keynote talk at the conference "conflict matters" in Brussels**, Belgium.

Testing antisocial behavior with the inequality game. Brain and Behavior Lab / Centre d'imagerie biomédicale Research Day, **University of Geneva**, Switzerland.

Opposing influence of empathic concern and empathic distress on conflict behavior. Symposium "The Role of Emotions in Negotiation and Conflict Resolution", **Conference of the International Society for Research on Emotion, Geneva**, Switzerland.

Empathy and Social Behavior. **Colloquium, University of Tübingen**, Germany.

Empathie und Compassion: Eine neurobiologisch fundierte Perspektive. (Empathy and Compassion: a neurobiological perspective). **Psychosomatic Colloquium, University of Freiburg**, Germany.

Konflikt oder Kooperation? Menschliches Sozialverhalten aus neuropsychologischer Sicht. **Studium Generale on the Evolution of Cooperation, University of Mainz**, Germany.

Konflikt oder Kooperation? Wie das soziale Gehirn unser Verhalten prägt. (Conflict or Cooperation? How the Social Brain Shapes our Behavior). Symposium Talk, 28. Jahrestagung des **Symposiums Friedenspsychologie, Marburg**, Germany.

Contributions to Conflict Resolution from Affective Sciences. **Interpeace, Geneva**, Switzerland.

Shaping the Social Brain for Cooperation. **Centre of Research of the Brain & Spine Institute, Hôpital de la Salpêtrière, Paris**, France.

The influence of empathy-related emotions on social behavior. **University of Louvain-la-Neuve**, Belgium.

The Role of Empathy in Social Interactions - a Tale of Two Systems. **Colloquium Social Psychology and Social Neuroscience, University of Bern**, Switzerland.

2014

Plasticity of Social Emotions. Early career award talk, **Society for Social Neuroscience meeting, Washington, DC, USA.**

Plasticity of the Social Brain. **Person Perception Workshop, Jena, Germany.**

Plasticity of Empathy and Compassion – a Neuropsychological Perspective. **Keynote lecture, Workshop of Interpersonal Accuracy, Neuchâtel, Switzerland.**

Plastizität im sozialen Gehirn – Wie wir unsere Emotionen trainieren können. (Plasticity in the social brain – how we can train our emotions). **Das soziale Gehirn, Fürth, Germany.**

Surmonter la souffrance par l'entraînement de la compassion. (Overcoming suffering through compassion training.) **Red Cross Exhibition “Trop Humain”, Geneva, Switzerland.**

Einführung in Empathie, Mitgefühl und Achtsamkeit. (Introduction to Empathy, Compassion and Mindfulness). **Bundesgeschäftsführertagung der Waldorfschulen, Berlin, Germany.**

S'entraîner à l'empathie ou à la compassion ? Une perspective neuropsychologique. (Training empathy or compassion? A neuropsychological perspective.) **Association Neuchâteloise d'Accueil et d'Action Psychiatrique, Neuchâtel, Switzerland.**

2013

How can Empathy contribute to Social Problem Solving? **Research Seminar in Person Perception in Jena, Germany.**

Overcoming Empathic Distress. **Conference on “Humanitarian Workers: Personal Ethics, Psychology, and Lifestyle”, Oxford, UK.**

Emotionales Verstehen – Empathie und Mitgefühl in neurowissenschaftlicher Sicht. (Emotional understanding – empathy and compassion from a neuroscientific point of view). **ach so verstehen wir, Münster, Germany.**

Training Compassion – Effects on Behavior, Experience and Brain Function. Symposium at **13th Biannual Congress of the Swiss Psychological Society, Basel, Switzerland.**

Differentielle neuronale und affektive Plastizität nach Empathie- und Mitgefühlstraining. (Differential neural and affective plasticity after empathy and compassion training) Symposium talk, **Psychologie und Gehirn, Würzburg, Germany.**

Neuronale Plastizität von Meditation. (Neural Plasticity of Meditation) **Kongress der Deutschen Gesellschaft für Klinische Neurophysiologie und funktionelle Bildgebung, Leipzig, Germany.**

La neuroscience de l'empathie et de la compassion. (The neuroscience of empathy and compassion) **Brain Awareness Week, Geneva, Switzerland.**

The Zurich Prosocial Game and Compassion Training. **Bavelier Lab, University of Geneva, Switzerland.**

Differential Pattern of Functional Brain Plasticity after Compassion and Empathy Training. Symposium talk, **Alpine Brain Imaging Meeting, Champéry**, Switzerland.

2012

The neuroscience of empathy. Keynote lecture, **Empathy and Compassion in Society Conference, London, UK.**

The neuroscience of empathy and compassion. Keynote talk, **Youth Gathering of the Empathy and Compassion in Society Conference, London, UK.**

Können wir unser emotionales Gehirn trainieren? (Can we train our emotional brain?). Science Slam during the Long **Night of Science, Leipzig**, Germany. (Winning presentation)

Plasticity in the Compassionate Brain. Symposium, **International Symposia for Contemplative Studies, Denver, USA.**

Evidence for neural plasticity and associated changes in positive affect after compassion training. Symposium, **Tagung experimentell arbeitender Psychologen** (Conference on Experimental Psychology), **Mannheim**, Germany.

2011

Compassion vs. empathic distress and memory training as an active control group. **Workshop "How to Train Compassion", Berlin**, Germany.

POSTERS (SELECTION)

Rafi, H. Sander, D., Klimecki, O. (2019). *Neural and behavioral correlates of conflict in romantic relationships.* Workshop "Understanding Others", Munich, Germany. (Poster Award)

Baez, S., Vuilleumier, P., **Klimecki, O.** (2019). *Witnessing others' suffering is related to changes in subsequent brain activity and connectivity in old age.* Workshop "Understanding Others", Munich, Germany. (Best Poster Award)

Baez, S., Vuilleumier, P., **Klimecki, O.** (2018). *Carryover effects of empathy for suffering in the brain activity and connectivity of elderly people.* Annual Research Forum of Swiss Center for Affective Sciences, Geneva, Switzerland. (Best Poster Award)

Gyger, L., Rimmele, U. Sander, D., **Klimecki, O.** (2018). *A pilot study on the effect of acute stress on the emotional and behavioral reaction to provocation.* Workshop: "Methodological issues relevant to testing and measuring Theory of Mind, empathy, and related social behaviors", Dresden, Germany.

Cernadas Curotto, P., Sander, D., Favez, N., Sterpenich, V., Rimmele, U., **Klimecki, O.** (2018). *Sleep Deprivation and its Impact on Interpersonal Conflict.* Consortium of European Research on Emotion, Glasgow, UK.

Cernadas Curotto, P., Barsics, C., **Klimecki, O.**, Sander, D., D'Argembeau, A., Van der Linden, M. (2017). *The influence of future thinking on prosocial behavior.* Workshop "Understanding Others",

Jena, Germany. (Best Poster Award)

Baez, S., Vuilleumier, P., **Klimecki, O.** (2017). *Exploring the neural network of empathy and its modulation in the ageing brain*. Workshop "Concept Definitions of the Phenomena Theory of Mind, Empathy, and Related Social Behaviors in Interpersonal Interactions", Jena, Germany.

Vétois, M., Sander, D., **Klimecki, O.** (2017). *The impact of emotional awareness and perspective taking on interpersonal conflicts*. Workshop "Concept Definitions of the Phenomena Theory of Mind, Empathy, and Related Social Behaviors in Interpersonal Interactions", Jena, Germany.

Cernadas, P., Vétois, M., Bogacz, F., **Klimecki, O.** (2017). *Factors that lead to conflict escalation and interventions that promote conflict resolution*. United Nations Geneva Open Day, Switzerland.

Klimecki, O., Vuilleumier, P., Sander, D. (2014). *Emotions and actions in response to unfair behavior*. Consortium of European Research on Emotion Conference, Berlin, Germany.

Klimecki, O., Vuilleumier, P., Sander, D. (2014). *Introducing the Inequality Game*. Alpine Brain Imaging Meeting, Champéry, Switzerland.

Klimecki, O., Leiberg, S., Ricard, M., Singer, T. (2013). *First and third person perspective on training empathy and compassion*. Summer School "Embodied Intersubjectivity: from the 1st person to the 2nd person perspective", Aegina, Greece.

Klimecki, O., Leiberg, S., Ricard, M., Singer, T. (2013). *First and third person perspective on training empathy and compassion*. Cortex, Lyon, France.

Klimecki, O., Leiberg, S., Lamm, C., Singer, T. (2012). *Functional neural plasticity and associated changes in positive affect after compassion training*. Social & Affective Neuroscience Society Annual Meeting, New York, USA.

Klimecki, O., Leiberg, S., Lamm, C., Singer, T. (2012). *Neural and behavioral changes related to compassion training*. Alpine Brain Imaging Meeting, Champéry, Switzerland.

Klimecki, O., Leiberg, S., Lamm, C., Singer, T. (2011). *Neural and behavioral changes related to compassion training*. Workshop "The Social Brain", Cambridge, United Kingdom.

Leiberg, S., **Klimecki, O.**, Singer, T. (2008). *Training compassion with real-time Functional Magnetic Resonance Imaging - First Insights*. International Symposium "Foundations of Human Social Behavior", University of Zurich, Switzerland.

SELECTION OF CURRENT COLLABORATIONS

I currently collaborate with scientists from different disciplines, including

In Switzerland:

- Prof. Dr. Nicolas Favez, Psychology, University of Geneva, Switzerland,
- Prof. Dr. Ulrike Rimmele, Psychology, University of Geneva, Switzerland,
- Prof. Dr. David Sander, Psychology, University of Geneva, Switzerland,
- Prof. Dr. Patrik Vuilleumier, Neuroscience, University of Geneva, Switzerland.

Internationally:

- Prof. Dr. Thorsten Barnhofer, Psychology, University of Surrey, United Kingdom,
- Dr. Gael Chételat, Neuroscience, Director of Research at Inserm, Caen, France,
- Dr. Fabienne Collette, Director of Research University of Liège, Belgium,
- Dr. Julie Gonneaud, Neuroscience, Inserm, Caen, France,
- Prof. Dr. Eran Halperin, Psychology, Hebrew University, Jerusalem, Israel,
- Prof. Dr. Frank Jessen, University Hospital Cologne, Germany,
- Prof. Dr. Thomas Kessler, University of Jena, Germany,
- Dr. Antoine Lutz, Neuroscience, Inserm, Lyon, Frankreich,
- Dr. Natalie Marchant, Psychology, University College London, United Kingdom,
- Prof. Dr. Stefan Schweinberger, Psychology, University Jena, Germany,
- Dr. Miranka Wirth, DZNE, Dresden, Germany.

OTHER FUNCTIONS

- Since 2016: Associate at the Center for Empathy in International Affairs
- 2017: Academic in Residence at the Geneva Centre for Security Policy
- 2016: Member of the Steering Group "Rewiring the Brain for Peace", Alliance for Peacebuilding

EDITORIAL SERVICES

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), Deutsche Forschungsgemeinschaft (DFG).

MEDIA COVERAGE

In national and international radio, print and television, including *BBC*, *DIE ZEIT*, *Dutch Television: VPRO Backlight*, *Spiegel*, *Stern*, *SWR2*, *The Independent*, *emotion*, *Le Temps*, *Gehirn und Geist*, *Radio Télévision Suisse (RTS)*, *New Scientist*.