

Mag. Dr. Lydia Kogler

Contact:

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Curriculum Vitae

BIOGRAPHICAL INFORMATION

Name: Mag. rer. nat. Dr. rer. medic. Lydia Kogler

Chartered Clinical and Health Psychologist (according to Austrian law)

RESEARCH WORK EXPERIENCE

2015-to date	Department of Psychiatry and Psychotherapy, Medical Faculty, Eberhard Karls University Tübingen, Germany
2013-2014	Brain Behavior Laboratory, Neuropsychiatry Section, University of Pennsylvania, Perelman School of Medicine, Philadelphia, Pennsylvania, USA
2011-2015	Department of Psychiatry, Psychotherapy and Psychosomatics, Medical Faculty, RWTH Aachen University, Germany
2010-2011	Social, Cognitive and Affective Neuroscience (SCAN) Unit, Institute for clinical, biological and differential psychology, Faculty of Psychology, University of Vienna
2009-2010	Brain Research Lab (BRL), Institute for clinical, biological and differential psychology, Faculty of Psychology, University of Vienna
2008-2009	Université Louis Pasteur, Strasbourg, France (Master Neuropsychology I)

CLINICAL WORK EXPERIENCE

2017-to date	Post gradual training for Psychotherapists ("Propädeutikum"), ÖAGG, Austria
2014-2015	Additional psychological expert assessments in the context of forensic-psychiatric experts assessments
2011-2015	Post gradual training for Clinical and Health Psychologists (Austrian Psychologists Association, Berufsverband Österreichischer PsychologInnen (BÖP) Vienna; Institute of Psychosomatics and

AWARDS AND SCHOLARSHIPS

2017	Friedrich-Wilhelm-Award for the dissertation "Neural correlates of stress regulation and stress coping in association with sex and type of stress".
2017	Borchers-Plakette, RWTH-Aachen, for the dissertation "Neural correlates of stress regulation and stress coping in association with sex and type of stress" (summa cum laude).
2016	Admission to "Junior Academy", Eberhard Karls Universität Tübingen, for the research project "Yes I can – positive self-instruction in social evaluation: neural correlates and subjective reactions."
2016	fortuene grant – intramural research funding program of the Faculty of Medicine Tübingen
2015	Scholarship of the Styrian Neuroscience Initiative (Initiative Gehirnforschung Steiermark, INGE)
2014	Mentee at the ISPNE 2014, Montreal, Canada
2014	Trainee Abstract Travel Award, of the Organization for Human Brain Mapping (OHBM) 2014, Hamburg, Germany
2013	Travel grant of the Austrian Research Association (Österreichische Forschungsgemeinschaft, ÖFG), OHBM 2013, Seattle, USA
2012-2015	Scholarship holder at the International Research and Training Group "Brain-behavior relationship of emotion and social cognition in schizophrenia and autism" (IRTG-1328, DFG), Department of Psychiatry, Psychotherapy and Psychosomatics, Medical Faculty, Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen, Germany
2010	Grant of the University of Vienna for the master's thesis (Förderungsstipendium der Universität Wien, Diplomarbeit)
2008-2009	Life Long Learning ERASMUS mobility scholarship

MEMBERSHIPS / PEER-REVIEW JOURNALS

Memberships:	Since 2011	Austrian Psychologists Associations
	2011-2015	Organization of Human Brain Mapping
	Since 2015	German Psychological Society (Sections: "Clinical Psychology and Psychotherapy"; "Biological Psychology")
		Founding member of the working group "PUBLIC RELATIONS", Section: "Clinical Psychology and Psychotherapy", Junior Scientists)

Ad-hoc Reviewer (journals): Neurolmage, Human Brain Mapping, Journal of Behavior Therapy and Experimental Psychiatry

PUBLICATIONS AND PRESENTATIONS

Manuscripts in peer-reviewed journals

Fink, J., Krämer, L., Lüttke, S., Richter, J., von Dawans, B., **Kogler, L.** (2018). Der wissenschaftliche Nachwuchs in der Klinischen Psychologie und Psychotherapie. Vorteile und Barrieren einer DGPs-Mitgliedschaft. *Zeitschrift für Klinische Psychologie und Psychotherapie*. 47, 126-136. <https://doi.org/10.1026/1616-3443/a000466>.

Hornung, J., Noack, H., **Kogler, L.**, Derntl, B. (2018). Exploring the fMRI based neural correlates of the dot probe task and its modulation by sex and body odor. *Psychoneuroendocrinology*. 99, 87-96. doi: 10.1016/j.psyneuen.2018.08.036. [Epub ahead of print]

Chechko, N., Cieslik, E.C., Müller, V.I., Nickl-Jockschat, T., Derntl, B., **Kogler, L.**, Aleman, A., Jardri, R., Sommer, I.E., Gruber, O., Eickhoff, S.B. (2018). Differential Resting-State Connectivity Patterns of the Right Anterior and Posterior Dorsolateral Prefrontal Cortices (DLPFC) in Schizophrenia. *Front Psychiatry*. 9, 211. doi: 10.3389/fpsy.2018.00211.

Hornung, J., **Kogler, L.**, Erb, M., Freiherr, J., Derntl, B. (2018). The human body odor compound androstadienone increases neural conflict coupled to higher behavioral costs during an emotional Stroop task. 171, 364-375. doi: 10.1016/j.neuroimage.2018.01.027.

Kogler, L., Seidel, E.-M., Metzler, H., Thaler, H., Boubela, R.N., Pruessner, J.C., Kryspin-Exner, I., Gur, R.C., Windischberger, C., Moser, E., Habel, U., Derntl, B. (2017). Impact of self-esteem and sex on stress reactions. *Nature Scientific Reports*, 7(1), 17210. doi: 10.1038/s41598-017-17485-w.

Hornung, J., **Kogler, L.**, Wolpert, S., Freiherr, J., Derntl, B. (2017). The human body odor compound androstadienone leads to anger-dependent effects in an emotional Stroop but not dot-probe task using human faces. *PLoS One*, 12(4):e0175055. doi: 10.1371/journal.pone.0175055.

Radke, S., Hoffstaedter, F., Löffler, L., **Kogler, L.**, Schneider, F., Blechert, J., Derntl, B. (2017). Imaging the up's and down's of emotion regulation in lifetime depression. *Brain Imaging and Behavior*. doi: 10.1007/s11682-017-9682-2.

Kogler, L., Sailer, U., Derntl, B., Pfabigan D.M. (2017). Processing expected and unexpected uncertainty is modulated by fearless-dominance personality traits – an exploratory ERP study on feedback processing. *Physiology & Behavior*. 16, 74-83. doi: 10.1016/j.physbeh.2016.10.016.

Morawetz, C., Kellermann, T., **Kogler, L.**, Radke, S., Blechert, J., Derntl, B. (2016). Intrinsic functional connectivity underlying successful emotion regulation of angry faces. *Social, Cognitive and affective Neuroscience*, 11(12), 1980-1991. doi: 10.3389/fnhum.2016.00293.

Kogler, L., Mueller, V.I., Seidel, E.M., Boubela, R., Kalcher, K., Habel, U., Moser, E., Gur, R.C., Eickhoff, S.B., Derntl, B. (2016). Sex differences in the functional connectivity of the amygdalae in association with cortisol, 134, 410-423. *NeuroImage*.

Schilbach, L.*, Derntl, B.*, Aleman, A., Caspers, S., Clos, M., Diederer, K.J., Gruber, O., **Kogler, L.**, Liemburg, E.J., Sommer, I.E., Müller, V.I., Cieslik, E.C., Eickhoff, S.B. (2016). Differential patterns of dysconnectivity in mirror neuron and mentalizing networks in schizophrenia, 42(5), 1135-48. *Schizophrenia Bulletin*.

Chung, K.C., Springer, I., **Kogler, L.**, Turetsky, B., Freiherr, J., Derntl, B. (2016). The influence of androstadienone during psychosocial stress is modulated by gender, trait anxiety and subjective stress: an fMRI study. *Psychoneuroendocrinology*, 6, 126-39. doi: 10.1016/j.psyneuen.2016.02.026.

Chung, K.C., Peisen, F., **Kogler, L.**, Radke, S., Turetsky, B., Freiherr, J., Derntl, B. (2016). The influence of menstrual cycle and androstadienone on female stress reactions: an fMRI study. *Frontiers in Human Neuroscience*, 10, 44. doi:10.3389/fnhum.2016.00044.

Schilbach, L., Hoffstaedter, F., Müller, V.I., Cieslik, E.C., Goya-Maldonado, R., Trost, S., Sorg, C., Riedl, V., Jardri, R., Sommer, I., **Kogler, L.**, Derntl, B., Gruber, O., Eickhoff, S.B. (2015). Transdiagnostic commonalities and differences in resting state functional connectivity of the default mode network in schizophrenia and major depression. *NeuroImage: Clinical*, 10, 326-35. doi: 10.1016/j.nicl.2015.11.021.

Kogler, L., Müller, V.I., Chang, A., Eickhoff, S.B., Fox, P.T., Gur, R.C., Derntl, B. (2015). Psychosocial versus physiological stress - meta-analyses on deactivations and activations of the neural correlates of stress reactions. *NeuroImage*, 119, 235-251. DOI: 10.1016/j.neuroimage.2015.06.059.

Kogler, L., Gur, R.C., Derntl, B. (2015). Sex differences in cognitive regulation of psychosocial achievement stress: brain and behavior. *Human Brain Mapping*, 36(3), 1028-1042. DOI: 10.1002/hbm.22683.

Seidel, E.M., **Kogler, L.**, Moser, E., Windischberger, C., Kryspin-Exner, I., Gur, R.C., Habel, U., Derntl, B. (2013). Weiblicher vs. männlicher Stresstyp? Ein aktueller Überblick zur neuropsychologischen Stressforschung. *Zeitschrift für Psychiatrie, Psychologie und Psychotherapie*, 61(2), 71-79.

Monograph (unpublished)

Kogler, L. (2011). Antisoziale Persönlichkeitsmerkmale und ereigniskorrelierte Potentiale der Feedbackverarbeitung. [Antisocial personality traits and event-related potentials of feedback processing]. Master's thesis, University of Vienna.

Talks, oral and poster presentations

Altan, G., Derntl, B., Mueller, V.I., Eickhoff, S.B., **Kogler, L.** (2018). The effect of progesterone on functional resting state connectivity in ECN and eSAD. Winterschool - sex hormones and the brain. Tuebingen, Germany. Posterpresentation.

Kogler, L., Seidel, E.M., Metzler, H., Thaler, H., Boubela, R., Pruessner, J.C., Kryspin-Exner, I., Gur, R.C., Windischberger, C., Moser, W., Habel, U., Derntl, B. (2016). Selbstwert, Hormone und Geschlecht in der Stressverarbeitung: eine fMRT-Studie. *Psychologie & Gehirn, Symposium der Fachgruppe Biologische Psychologie der Deutschen Gesellschaft für Psychologie (DGPs)*, Berlin. Oral presentation.

Kogler, L., Seidel, E.M., Metzler, H., Thaler, H., Boubela, R., Pruessner, J.C., Kryspin-Exner, I., Gur, R.C., Windischberger, C., Moser, W., Habel, U., Derntl, B. (2016). Selbstwert und Geschlecht in der Stressverarbeitung. 34. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der DGPs, Jungmitgliedersymposium, Bielefeld. Oral presentation.

Kogler, L., Mueller, V.I., Seidel, E.M., Boubela, R., Kalcher, K., Moser, E., Eickhoff, S.B., Gur, R.C., Derntl, B. (2015). Amygdala and hippocampus functional connectivity in association with sex, stress and hormones. Annual Meeting of the Organization for Human Brain Mapping (OHBM), Honolulu, Hawaii, USA. Posterpresentation.

Kogler, L., Gur, R.C., Derntl, B. (2015). Kognitive Regulation negativer Empfindungen während Leistungsstress in schizophrenen Patienten – eine fMRT Studie. Symposium der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGPs), Dresden, Deutschland. Posterpresentation.

Kogler, L. (2015). Sex differences in resting-state and association with stress. Research Center Jülich, INM-1. Jülich, Deutschland. Invited talk.

Kogler, L., Gur, R.C., Derntl, B. (2015). Cognitive regulation of psychosocial achievement stress in schizophrenia patients. IRTG-1328 Winterschool, Aachen, Deutschland. Oral presentation.

Kogler, L. (2014). Stress matters! The neural correlates of different stressor-types in healthy females and males. Research Center Jülich, INM-1. Jülich, Deutschland. Invited talk.

Derntl, B., Gur, R.C., **Kogler, L.** (2014). Kognitive Regulation von Leistungsstress bei schizophrenen Patienten: Verhalten und Gehirn. Annual Meeting of the Deutsche Gesellschaft für Psychiatrie, Psychotherapie und Nervenheilkunde (DGPPN), Berlin, Germany. Oral presentation.

Hölman, H., Radke, S., Kellermann, T., **Kogler, L.**, Schuch, S., Bauer, H., Derntl, B. (2014). EEG-based local brain activity (LBA-) feedback training: Welchen Effekt hat ein 10-tägiges Training des anterioren cingulären Cortex auf dessen neuronale Aktivität? DGPPN, Berlin, Germany. Posterpresentation.

Plaeschke, R.N., Mueller, V.I., Cieslik, E.-C., Derntl., B., **Kogler, L.**, Gruber, O., Petrovic, A., Jardri, R., Sommer, I.E., Bzdok, D., Eickhoff, S.B., Langner, R. (2014). Altered temporo-parietal junction resting-state functional connectivity pattern in schizophrenia. DGPPN, Berlin, Germany. Posterpresentation.

Kogler, L. & Derntl, B. (2014). Das gestresste Gehirn - Geschlechterunterschiede und psychische Störungen. 16. Wissenschaftliche Tagung der Arbeitsgemeinschaft für Verhaltensmodifikation. Graz, Austria, 24.10.2014. Invited talk.

Kogler, L., Gur, R.C., Derntl, B. (2014). Psychosozialer Leistungsstress und Schizophrenie: Verhalten und Gehirn. Annual Meeting of the German Association for Biological Psychiatry (Deutsche Gesellschaft für Biologische Psychiatrie, DGBP), Aachen, Germany. Posterpresentation.

Hölman, H., Radke, S., Kellermann, T., **Kogler, L.**, Schuch, S., Bauer, H., Derntl, B. (2014). Der funktionelle Effekt von EEG-based local brain activity (LBA) feedback training auf den anterioren cingulären Cortex während eines STROOP-Paradigmas. DGBP, Aachen, Germany. Posterpresentation.

Kogler, L., Gur, R.C., Derntl, B. (2014). The failure of stress regulation: Sex differences in brain and behavior in cognitive regulation of psychosocial achievement stress. Annual Meeting of the International Society of Psychoneuroendocrinology (ISPNE), Montreal, Canada. Selected Mentee. Posterpresentation.

Kogler, L., Mueller, V.I., Chang, A., Eickhoff, S.B., Gur, R.C., Derntl, B. (2014). Psychosocial vs. physiological stress – an ALE meta-analysis on deactivation and activation of the neural correlates of stress reaction. Annual Retreat of the Institute for Neuroscience and Medicine (INM) Research Center Jülich, Jülich, Germany. Talk.

Kogler, L., Mueller, V.I., Chang, A., Eickhoff, S.B., Gur, R.C., Derntl, B. (2014) Psychosocial vs. physiological – an ALE meta-analysis on the neural correlates of stress reactions. OHBM, Hamburg, Germany. Trainee Abstract Travel Award; Posterpresentation.

Bludau, S., Mueller, V.I., Cieslik, E.-C., Derntl, B., **Kogler, L.**, Gruber, O., Aleman, A., Sommer, I., Rapp, A., Jardri, R., Mohlberg, H., Eickhoff, S.B., Amunts, K. (2014). Gray matter volume analysis in schizophrenia using cytoarchitectonic maps of the human frontal pole. OHBM, Hamburg, Germany. Posterpresentation.

Derntl, B., Gur, R.C., **Kogler, L.** (2014). A matter of deactivation? Neural correlates of psychosocial stress in schizophrenia patients. OHBM, Hamburg, Germany. Posterpresentation.

Nickl-Jockschat, T., Cieslik, E.-C., Mueller, V.I., Fox, P.G., **Kogler, L.**, Derntl, B., Sommer, I., Gruber, O., Eickhoff, S.B. (2014). Differential resting-state connectivity patterns of the anterior and posterior dorsolateral prefrontal cortex (DLPFC) in schizophrenia. OHBM, Hamburg, Germany. Posterpresentation.

Plaeschke, R.N., Mueller, V.I., Cieslik, E.-C., Derntl., B., **Kogler, L.**, Gruber, O., Jardri, R., Sommer, I.E., Bzdok, D., Eickhoff, S.B., Langner, R. (2014). Altered temporo-parietal junction resting-state functional connectivity pattern in schizophrenia. OHBM, Hamburg, Germany. Posterpresentation.

Schilbach, L., Mueller, V.I., Cieslik, E.-C., Hofstaedter, F., Goya-Maldonado, R., Sorg, C., Riedl, V., Jardri, R., Sommer, I., Derntl, B., **Kogler, L.**, Gruber, O., Eickhoff, S.B. (2014). Transdiagnostic similarities and differences in functional connectivity in schizophrenia and depression. OHBM, Hamburg, Germany. Posterpresentation.

Varikuti, D., Eickhoff, S.B., Mueller, V.I., Sommer, I.E., Derntl, B., **Kogler, L.**, Gruber, O., Hoffstaedter, F., Cieslik, E.-C. (2014). Functional connectivity alterations in a neural network for executive functioning in schizophrenia. OHBM, Hamburg, Germany. Posterpresentation.

- Kogler, L.,** Gur, R.C., Derntl, B. (2014). Eine Frage der Deaktivierung? Neuronale Korrelate von psychosozialen Leistungsstress bei Schizophreniepatienten. Symposium Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie (DGP), Brunswick, Germany. Posterpresentation.
- Radke, S., Kellermann, T., **Kogler, L.,** Schuch, S., Bauer, H., Derntl, B. (2014). Training the ACC with localized EEG-neurofeedback – a pioneer study. Conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Dortmund, Germany. Posterpresentation.
- Kogler, L.,** Mueller, V.I., Chang, A., Eickhoff, S.B., Gur, R.C., Derntl, B. (2014). An ALE meta-analysis on deactivation and activation in psychosocial and physiological stress & sex-differences in the stress network's resting-state functional connectivity. Brain Behavior Laboratory (BBL), University of Pennsylvania, Philadelphia, USA . Invited Talk.
- Derntl, B., Gur, R.C., **Kogler, L.** (2013). Neuronale Korrelate von psychosozialen Leistungsstress bei schizophrenen Patienten. DGPPN, Berlin, Germany. Oral presentation.
- Kogler, L.,** Gur, R.C., Derntl, B. (2013). Neural correlates of psychosocial achievement stress in schizophrenia patients. IRTG-1328 Winterschool, Philadelphia, USA. Oral presentation.
- Kogler, L.,** Gur, R.C., & Derntl, B. (2013). The neural correlates of stress regulation in healthy females and males. OHBM, Seattle, USA Travel Grant from the Austrian Research Association. Posterpresentation.
- Kogler, L.,** Gur, R.C., & Derntl, B. (2013). Gender differences in the neural correlates of stress reaction. Tagung experimentell arbeitender Psychologen (TeaP), Vienna, Austria. Oral presentation.
- Kogler, L.,** Gur, R.C., & Derntl, B. (2012). Geschlechtereffekte in den neuronalen Korrelaten der Stressreaktion. DGPPN, Berlin, Germany. Oral presentation.
- Kogler, L.,** Gur, R.C., & Derntl, B. (2012). The neural correlates of cognitive stress regulation in healthy females and males. IRTG-1328 Winterschool, Aachen, Germany. Oral presentation.
- Kogler, L.,** Gur, R.C., & Derntl, B. (2012). The neural correlates of cognitive stress in healthy females and males. Northrhine-Westphalia (NRW)-Neurovisionen Kongress, Aachen, Germany. Posterpresentation.
- Kogler, L.,** Sailer, U., Derntl, B., & Pfabigan, D.M. (2012). ERP correlates of feedback processing for deterministic and probabilistic expected outcomes. OHBM, Beijing, China. Posterpresentation.
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Tübingen, 4.12.2017