

ILONA LIPP

I am researcher with a multi-disciplinary academic background and specialised in multi-modal magnetic resonance imaging (MRI) and quantitative MRI. My research aims to bridge the gap between imaging methods and applications by optimising MRI analysis tools for microstructural and functional MRI **to develop imaging markers that are clinically relevant and interpretable**. The importance of my work is reflected in my academic track record (including my **publication record** and a number of **prizes and awards**).

BASIC INFORMATION

NATIONALITY	Austrian (Mother tongue: German)
PROFILES	Google Scholar , Scopus (6508182729) , ORCID (0000-0002-5644-2057) , ResearcherID (M-7113-2017) , github.com/IlonaLipp , Twitter: @ilona_lipp

EDUCATION

10/11 - 09/14	PhD , Cardiff University Brain Research Imaging Centre (CUBRIC), UK → Degree officially obtained in February 2015
10/08 - 09/11	BSc with distinction in Molecular Biology , University of Graz, Austria
10/05 - 06/11	Mag.rer.nat. (~BSc+MSc) with distinction in Psychology , University of Graz, Austria (including 320 hours of clinical internships)
09/07 - 05/08	Exchange year, York University, Toronto, Canada

ACADEMIC POSITIONS

09/18 - 12/22	Postdoc , Department of Neurophysics, Max-Planck-Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
10/14 - 05/18	Research Associate , School of Medicine, Cardiff University, UK
2011-14	Postgraduate Tutor , Cardiff University, UK (part-time)
2009-11	Teaching Assistant , University of Graz, Austria (part-time, up to 20hrs/week)

PRIZES, AWARDS AND SECURED FUNDING

2020	DFG Nachwuchsakademie research grant (Principal Investigator) (“Towards comprehensive myelin assessment: combining multi-contrast quantitative MRI with spatially resolved lipodomics in the human brain”) (total 60950€).
2021	Selected for Max Planck Society’s “Sign Up!” Careerbuilding program
2018	Individual postdoctoral fellowship from the Max Planck Society (total 25200€).
2014/16/17	Guarantors of Brain Travel Grants (total £2600).
2016/17	ECTRIMS Travel Grants (400€ each).
2017	Second prize for best oral presentation at the Postgraduate British Chapter ISMRM conference, London.
2014	Third Year PhD Prize (School of Psychology, Cardiff University): Hadyn Ellis prize for the best dissertation (£500). → <i>Prize awarded to the most successful PhD (from around 30) in the School of Psychology.</i>
2013	Second Year PhD Prize (School of Psychology, Cardiff University): Junior Researcher of the Year (£200). → <i>Prize awarded to the most successful second year PhD student (from around 30) in the School of Psychology.</i>
2011	Dr. Heinrich-Joerg-Stiftung Travel Grant (600€).
2008/10	Awards for excellent grades , University of Graz (700€ each).
2007	Joint Study stipend for exchange year at York University, Canada.

BIBLIOMETRICS

Published	14 published research papers (10 first-author; 2 last-author; 7 without PhD supervisor as co-author), 2 review papers (1 first-author), 2 open science - related publications, 1 book chapter, 13 conference proceedings (5 first-author)
Citations	493
H-idx	12

SUPERVISION

2020-22	Co-supervision of a PhD student (MPI-CBS) → Co-supervision on quantitative MRI as a tool to predict characteristics of brain function, combining MEG, advanced diffusion MRI and quantitative MRI.
2020-22	Supervision of a Master student (Bergische Universität Wuppertal) and official thesis examiner → Thesis topic: Analysis of Matrix-assisted laser desorption / ionization mass spectrometry imaging (MALDI-MSI) data to identify biomarkers in quantitative magnetic resonance imaging.
2018-22	Co-supervision of a PhD student (Manchester University) → Co-supervision on two projects aiming to investigate the cognitive impairments in multiple sclerosis using network neuroscience approaches. I conceptualised the second project and led through all stages of analysis and writing.
2021	Co-supervision of project students (HTWK Leipzig) → Project for a module image processing and machine learning: cortical parcellation of the chimpanzee cortex through advanced clustering methods.
2018	Supervision of two work experience students (Cardiff University) → Supervised on a project aiming to quantify tract-specific white matter damage in multiple sclerosis.
2017-18	Co-supervision of a PhD student (Cardiff University) on microstructural plasticity in multiple sclerosis.
2017	Co-supervision of a clinical internship student (Cardiff University) on MRI image analysis tasks.
2013	Co-supervision of a MSc student (Cardiff University) → Co-supervised a student working on a project looking at resting state functional connectivity in cortico-limbic regions in anxiety and fear. → <i>This student was awarded a distinction on her thesis.</i>

TEACHING

2021	Lecturer at IMPRS course (MPI Leipzig) → “Overview of tools and methods for MRI data analysis” (1 hour), “Imaging study design” (3 hours). → In the evaluation, 100% of the students agreed with the statements that I “structured the lecture well”, “demonstrated enthusiasm for the subject matter”, “explained points clearly”, “made them feel free to ask questions” and “grasped and responded to the students’ questions and comments”.
2018	Contribution to Journal club for brain imaging Master students (Cardiff University)
2015-16	Trained three PhD students (Cardiff University) → Trained students at operating the MRI scanner and conducting cognitive testing sessions.
2012-14	Postgraduate Tutor for "Research Design, Statistics and Computing" (Cardiff University) → Conducted computer labs for 200 students on how to choose implement statistical tests in SPSS; marked exams for the Statistics module.

2011-12	Postgraduate Tutor for "Practical Psychology" (Cardiff University) → Small group teaching on how to write scientific reports; marked scientific reports.
2009-11	Teaching Assistant (University of Graz) on several courses on research methodology. → Conducted tutorials and marked reports for the course "Research Methods in Social Sciences" (> 150 students per year), conducted computer labs (for around 20 students per group) and small group labs on how to choose and implement statistical and advanced statistical tests in SPSS (for seminars in "Advanced Research Methods").

HONORARY ACTIVITIES

2022	Organisation of an educational course on Quantitative MRI at the Annual meeting of the Organization for Human Brain Mapping in Glasgow, June 2022
2021-22	Chair of the Communication Committee of the OHBM (Organization for Human Brain Mapping; world's largest body for neuroimaging (>4000 members) → This involves leading a group of neuroscientists all around the world, and liaising with OHBM council and other committees and special interest groups.
2018-22	Lead of the Organization for Human Brain Mapping analysis tutorials on different methods within the field of neuroimaging. → Including the topics of "Machine learning in neuroimaging", "Resting state fMRI analysis", "Diffusion MRI", "Anatomy in neuroimaging", "Measuring GABA in the brain with MR spectroscopy", "Network neuroscience", and "Reproducibility and good neuroimaging practices".
2020-22	Member of the oversight committee of the publication initiative Aperture
2019-22	Coorganizer of the MPI-CBS Open Science Initiative
Ongoing	Mentor and mentee in the mentoring program of the Organization for Human Brain Mapping. → Over the last few years I have been mentoring PhD students at several institutions, who have now all successfully obtained their degrees and moved on to postdoctoral academic positions.
Ongoing	I have reviewed numerous papers in peer reviewed journals including: <i>ELife</i> , <i>NeuroImage</i> , <i>Human Brain Mapping</i> , <i>Magnetic Resonance in Medicine</i> , <i>Journal of Cerebral Blood Flow and Metabolism</i> , <i>NeuroImage Clinical</i> , <i>Trends in Cognitive Sciences</i> , <i>PLoS ONE</i> , <i>Frontiers in Neurology</i> , <i>Journal of Neuroimaging</i> , <i>Neurological Research</i> , <i>International Journal of Neurorehabilitation</i> , <i>Multiple Sclerosis and Related Disorders</i> , <i>Medical Sciences</i> .
2021	I have reviewed a grant application for the Czech Health Research Council
2020-21	Chair-elect of the Communication Committee and Leader of the blog team of the Organization for Human Brain Mapping
2018	Abstract reviewer for the Organization for Human Brain Mapping
2018	Organisation of internal symposium on Myelin, Cardiff University Brain Research Imaging Centre (CUBRIC), United Kingdom
2017	I have reviewed a grant application for the Multiple Sclerosis UK society.
2014	Organising committee for the 23rd Postgraduate Symposium of the British Chapter of ISMRM, Cardiff, April 2014.

PUBLIC ENGAGEMENT

2022	Speaker at Webinar series "The Evolution of a Neuroscientist" for University students, organised by the Science Department of the Dandy Germany Neurosurgical Club (Charite Berlin).
2019/21	Girls' and Boys' day, Leipzig → Explaining the basics of MRI research to high school students.

2017	Brain Bee, Cardiff → Event where researchers teach high school students about the brain.
2014	Brain Games, Cardiff. → Event where researchers teach children about the brain through interactive games and experiments.

LEADERSHIP COMPETENCE AND CAREER BUILDING

2021-22	Certified training on systemic coaching (CoachingSpirale, Berlin)
2020-21	Certified mediation training (ImKonsens, Leipzig) → (1 year, 220 hours) training course on conflict management and mediation techniques.
2021	Max Planck Society's 'Sign Up!' Careerbuilding program
2019	DFG Nachwuchsakademie
2019	Max Planck Society course program training courses on leadership in academia.

COMPLETE PUBLICATION LIST

Preprints

2021	Beyer, F., Flannery, J., Gau, G., Janssen, L., Schaare, L., Hartmann, H., Nilsonne, G., Martin, M., Khalil, A., Lipp, I. , Puhmann, L., Heinrichs, H., Mohamed, A., Herholz, P., Sicorello, M., Panagoulas, E. (2021) A fMRI pre-registration template. <i>PsychArchives</i> doi: 10.23668/psycharchives.5121
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Published research papers

Last author

2022	Jandric, D., Parker, G., Haroon, H., Tomassini, V., Muhlert, N., Lipp, I. (2022). A tractometry investigation of white matter tract network structure and relationships with cognitive function in multiple sclerosis. <i>NeuroImage Clinical</i> 34, 102995. doi: https://doi.org/10.1016/j.nicl.2022.102995 , open access
2021	Lazari, A. & Lipp, I. (2021). Can MRI measure myelin? Systematic review, qualitative assessment, and meta-analysis of studies validating microstructural imaging with myelin histology. <i>NeuroImage</i> 117744. doi: 10.1016/j.neuroimage.2021.117744 , open access → 62 citations; This paper is a result of a collaboration with the University of Oxford.

First author

2022	Lipp, I. , Kirilina, E., Edwards, L.J., Pine, K., Jauch, A., Jäger, C., Weiskopf, H.*, Helms, G.* $B1^+$ -correction of MT saturation maps optimized for 7T postmortem imaging (accepted for publication at <i>Magnetic Resonance in Medicine</i>). <i>bioRxiv</i> . doi: doi.org/10.1101/2022.07.12.498197 * shared senior authorship → Development of a calibration-based approach based on the extension of a mathematical model for use with strong off-resonance pulses.
2022	Lipp, I.* , Mole, J.*, Subramanian, L., Linden, D.E.J., Metzler-Baddeley, C. (accepted for publication at <i>Frontiers Neurology</i>). Investigating the Anatomy and Microstructure of the Dentato-rubro-thalamic and Subthalamo-ponto-cerebellar Tracts in Parkinson's Disease. <i>Front. Neurol.</i> 13:793693. doi: 10.3389/fneur.2022.793693 , open access *shared first-authorship
2021	Jandric, D.*, Lipp, I.* , Paling, D., Rog, D., Castellazzi, G., Haroon, H., Parker, G., Parkes, L., Tomassini, V., Muhlert, N. (2021). Concurrent anatomical, physiological and network changes in cognitively impaired multiple sclerosis patients. <i>Neurology</i> 97(19), e1887. doi: 10.1212/WNL.00000000000012834 , open access *shared first-authorship → 8 citations; This study was recently selected as a research highlight at <i>Nature Reviews Neurology</i> (doi: 10.1038/s41582-021-00584-8)

- 2021 **Lipp, I.**, Foster, C., Stickland, R., Sgarlata, E., Tallantyre, E.C., Davidson, A.E., Robertson, N.P., Jones, D.K., Wise, R.G., Tomassini, V. (2021). Predictors of training-related improvement in visuomotor performance in patients with multiple sclerosis: a behavioural and MRI study. *Multiple Sclerosis Journal* 27(7), 1088-1101. doi: [10.1177/1352458520943788](https://doi.org/10.1177/1352458520943788), open access
→ 9 citations; Large-scale multi-modal imaging study in > 140 patients with multiple sclerosis.
- 2020 **Lipp, I.**^{*}, Parker, G.D.^{*}, Tallantyre, E., Goodall, A., Grama, S., Patitucci, E., Heveron, P., Tomassini, V., Jones, D.K. (2020). Tractography in the presence of white matter lesions in multiple sclerosis. *NeuroImage* 209, 116471. doi:[10.1016/j.neuroimage.2019.116471](https://doi.org/10.1016/j.neuroimage.2019.116471), open access ^{*}shared first-authorship
→ 30 citations; describes the impact of multiple sclerosis lesions on the performance of tractography algorithms.
- 2019 **Lipp, I.**, Jones, D.K., Bells, S., Sgarlata, E., Foster, C., Stickland, R., Davidson, A.E., Tallantyre, E., Robertson, N., Wise, R.G., Tomassini, V. (2019). Comparing MRI metrics to quantify white matter microstructural damage in multiple sclerosis. *Human Brain Mapping* 40(10), 2917-2932. doi:[10.1002/hbm.24568](https://doi.org/10.1002/hbm.24568), open access
→ 33 citations; amongst the top downloaded papers 2019; demonstrates that commonly used quantitative MRI metrics provide complementary information on the extent of multiple sclerosis damage.
- 2015 **Lipp, I.**, Evans, C.J., Lewis, C., Murphy, K., Wise, R.G., Caseras, X. (2015). The relationship between fearfulness, GABA+, and fear-related BOLD responses in the insula. *PLoS ONE* 10(3): e0120101. doi:[10.1371/journal.pone.0120101](https://doi.org/10.1371/journal.pone.0120101), open access
→ 15 citations; multi-modal MRI study linking GABA concentration to BOLD responses.
- 2015 **Lipp, I.**, Murphy, K., Caseras, X., Wise, R.G. (2015). Agreement and repeatability of vascular reactivity estimates based on a breath-hold task and a resting state scan. *NeuroImage* 13, 387-96. doi: [10.1016/j.neuroimage.2015.03.004](https://doi.org/10.1016/j.neuroimage.2015.03.004), open access
→ 54 citations; demonstrates that resting state scans cannot replace breath-hold paradigms for assessing vascular reactivity.
- 2014 **Lipp, I.**, Murphy, K., Wise, R.G., Caseras, X. (2014). Understanding the contribution of neural and physiological signal variation to the low repeatability of emotion-induced BOLD responses. *NeuroImage* 68, 335-342. doi: [10.1016/j.neuroimage.2013.10.015](https://doi.org/10.1016/j.neuroimage.2013.10.015), open access
→ 45 citations; explores the effects of physiological noise correction in the analysis of fMRI data from emotional tasks.
- 2012 **Lipp, I.**, Benedek, M., Fink, A., Koschutnig, K., Reishofer, G., Bergner, S., Ischebeck, A., Ebner, F., Neubauer, A. C. (2012). Investigating neural efficiency in the visuo-spatial domain: an fMRI study. *PLoS ONE* 7(12): e51316. doi: [10.1371/journal.pone.0051316](https://doi.org/10.1371/journal.pone.0051316), open access
→ 43 citations; first evidence linking the default mode network to individual difference in intelligence.

Co-authored

- 2022 Grässle, T., Crockford, C., Eichner, C., Girard-Buttoz, C., Jäger, C., Kirilina, E., **Lipp, I.**, EBC Brain Sourcing Consortium, Düx, A., Edwards, L., Jauch, A., Kopp, K., Paquette, M., Pine, K., Haun, D., McElreath, R., Anwander, A., Gunz, G., Morawski, M., Friederici, Weiskopf, N., Leendertz, F., Wittig, W. (accepted for publication at *Methods in Ecology & Evolution*). Sourcing high tissue quality brains from deceased wild primates with known socio-ecology.
- 2022 Bourget, M.-H., Kamentsky, L., Ghosh, S.S., Mazzamuto, G., Lazari, A., Markiewicz, C.J., Oostenveld, R., Niso, G., Halchenko, Y.O., **Lipp, I.**, Takerkart, S., Toussaint, P.J., Khan, A.R., Nilsson, G., Castelli, F.M., BIDS Maintainers, Cohen-Adad, J. (2022). Microscopy-BIDS: an extension to the Brain Imaging Data Structure for Microscopy Data *Frontiers in Neuroscience*. 16: 871228. doi: [10.3389/fnins.2022.871228](https://doi.org/10.3389/fnins.2022.871228)

2020 Pirkel, C.M., Gomez, P.A., **Lipp, I.**, Buonincontri, G., Molina-Romero, M., Sekuboyina, A., Waldmannstetter, D., Dannenberg, J., Endt, S., Merola, A., Whittaker, J.R., Tomassini, V., Tosetti, M., Jones, D.K., Menze, B.H., Menzel, M.I. (2020). Deep learning-based parameter mapping for joint relaxation and diffusion tensor MR Fingerprinting. *Medical Imaging with Deep Learning 121*. 638-654 ([Link](#))
→ 7 citations; This publication is a result of a collaboration with the Technical University Munich, Germany.

Review papers

2020 Casella, C., **Lipp, I.**, Rosser, A., Jones, D.K., Metzler-Baddeley, C. (2020). A critical review of white matter changes in Huntington's Disease. *Movement Disorders 35(8)*, 1302-1311. doi: [10.1002/mds.28109](https://doi.org/10.1002/mds.28109), [open access](#)
→ 21 citations; This publication is a result of an internal collaboration at CUBRIC.

2015 **Lipp, I.**, Tomassini, V. (2015). Neuroplasticity and motor rehabilitation in multiple sclerosis. *Front. Neurol.* 6:59. doi: [10.3389/fneur.2015.00059](https://doi.org/10.3389/fneur.2015.00059), [open access](#)
→ 33 citations; review on the role of brain plasticity in neuro rehabilitation.

Book chapters

2018 **Lipp, I.**^{*}, Muhlert, N.^{*}, Tomassini, V. (2018). Brain morphometry in multiple sclerosis. In: Brain morphometry (Ed.: Gili, T). Humana Press. ^{*}shared first-authorship. ISBN: 1493976451.
→ Review on the methods, interpretation and contribution of structural brain imaging measures to clinical studies and clinical practice in multiple sclerosis.

Conference proceedings

2021 Kirilina, E., **Lipp, I.**, Pine, K., Edwards, L., Jaeger, C., Garus, K., Cremer, M., Amunts, K., Weiskopf, N. (2021). Ultra-high resolution quantitative multi-parameter mapping (MPM) for post-mortem whole brain microstructure imaging. *Proceedings of the ISMRM*.

2021 Digiovanni, A., Mascali, D., Chiarelli, A., **Lipp, I.**, Grasso, E., Pozzilli, V., Rispoli, M.G., Villani, A., D'Apolito, M., Tomassini, V., Wise, R.G. (2021). Physiological basis for sex differences in MS damage: MRI evidence. *Journal of the Neurological Sciences*

2021 Eichner, C., Paquette, M., Gallardo, G., Christian Bock, Jaffe, J., Jaeger, C., Kirilina, E., **Lipp, I.**, Mildner, T., Schlumm, T., Wermter, F., Moller, H., Weiskopf, N., Crockford, C., Wittig, R., Friederici, A.D., Anwender, A. (2021). High-resolution post-mortem diffusion MRI acquisitions for connectivity analyses in chimpanzees. *Proceedings of the ISMRM*.

2020 Kirilina, E., **Lipp, I.**, Jaeger, C., Morawski, M., Terzi, M.N., Bidmon, H.-J., Axer, M., Huesgen, P., Weiskopf, N. (2020). Differences in cortical and white matter myelination: a challenge for MRI myelin biomarkers. *Proceedings of the ISMRM*.

2019 Jandric, D., **Lipp, I.**, Castellazzi, G., Parker, G., Haroon, H., Tomassini, V., Muhlert, N. (2019). Functional connectivity changes associated with cognitive decline in multiple sclerosis are not caused by altered structural connectivity. *Multiple Sclerosis 25(2) Suppl.*, 915-916.

2019 Jandric, D., **Lipp, I.**, Castellazzi, G., Parker, G., Tomassini, V., Muhlert, N. (2019). The role of disease duration in functional connectivity alterations of the salience network in relapsing-remitting multiple sclerosis. *Multiple Sclerosis 25(2) Suppl.*

2018 Pasa, F., Golkov, V., Boubaker, W., **Lipp, I.**, Sgarlata, E., Tomassini, V., Jones, D.K., Cremer, D. (2018). q-Space deep learning for multiple sclerosis lesion segmentation from raw diffusion MRI. *Proceedings of the ISMRM*.

2018 Patitucci, E., **Lipp, I.**, Foster, C., Stickland, R., Davidson, A. E., Wise, R., Tomassini, V.: Investigating brain plasticity underlying the early stages of functional recovery in MS. Meeting of the European Committee for Treatment and Research in Multiple Sclerosis, Berlin, Germany (2018).

2018 Golkov, V., Vasilev, A., Pasa, F., Boubaker, W., **Lipp, I.**, Sgarlata, E., Tomassini, V., Jones, D.K., Cremers, D. (2018). q-Space novelty detection for multiple sclerosis lesion segmentation from raw diffusion MRI. *Proceedings of the ISMRM*.

- 2017 **Lipp, I.**, Foster, C., Stickland, R., Tallantyre, E.C., Davidson, A., Sgarlata, E., Patitucci, E., Robertson, N., Jones, D., Wise, R.G., Tomassini, V. (2017). Predicting performance improvements with visuomotor training in MS using a multi-modal clinical and neuroimaging approach. Meeting of the European Committee for Treatment and Research in Multiple Sclerosis, London, September 2016. *Multiple Sclerosis Journal* 23 (Suppl. 3), 12-13.
→ *The presentation was selected as a **clinical highlight of the conference.***
- 2017 **Lipp, I.**, Foster, C., Stickland, R., Davidson, A., Wise, R., Tomassini, V (2017). Using multi-inversion time ASL to explore gray matter perfusion in patients with multiple sclerosis: repeatability and relationship to disease characteristics. *Proceedings of the ISMRM.*
- 2017 **Lipp, I.**, Foster, C., Stickland, R., Davidson, A., Wise, R., Tomassini, V. (2017). Using multi-TI ASL to explore gray matter (GM) perfusion in multiple sclerosis (MS) patients. *Journal of Cerebral Blood Flow and Metabolism* 37 (Suppl. 1), 249-250.
- 2016 **Lipp, I.**, Foster, C., Stickland, R., Davidson, A., Robertson, N., Jones, D., Wise, R.G., Tomassini, V. (2016). Brain imaging of short-term functional plasticity predicts performance improvement with longer-term motor sequence training in multiple sclerosis. ECTRIMS, Paris, September 2017, published in: *Multiple Sclerosis Journal* 22 (Suppl. 3), 32.
→ ***Largest international (> 9000 attendees) conference on multiple sclerosis; fewer than 10% of abstracts submitted to this conference get accepted for oral presentations.***

Talks

- 2002 **Lipp, I.** (2021). Hochaufgelöstes quantitatives MRT an postmortalem Gewebe zur Untersuchung von Myelinisierung im Gehirn. *INGE St. Symposium 2022: Neue Möglichkeiten für die Neurowissenschaften durch 7 Tesla MRT*, Graz
- 2021 **Lipp, I.** (2021). Myelin mapping through quantitative MRI: validation and application. *WIN Plasticity Group, Oxford University.*
- 2021 **Lipp, I.** (2021). Myelin mapping through quantitative MRI: validation and application. *Manchester Neuroimaging Seminar Series.*
- 2020 **Lipp, I.** (2020). The story of my academic life. *NeuroPoly (Montreal)*
- 2020 **Lipp, I.**, Kirilina, E., Jaeger, C., Morawski, M., Eichner, C., Anwander, A., Pine, K., Edwards, L.J., Friederici, A.D., Wittig, R., Crockford, C., Weiskopf, N. (2020). Evolution of cortical myelination in chimpanzees. Virtual meeting of the Organization for Human Brain Mapping.
→ *Only **around 1%** of abstract submissions get accepted for oral presentation at this conference.*
- 2019 **Lipp, I.**, Kirilina, E., Jaeger, C., Morawski, M., Eichner, C., Anwander, A., Pine, K., Edwards, L.J., Friederici, A.D., Teixeira, R.P.A.G., Deoni, S.C.L., Wittig, R., Crockford, C., Weiskopf, N. (2019). MRI multi-parametric quantitative mapping of brain development in wild chimpanzees. Workshop: Brain and behavioural evolution in primates; Erice, Sicily, 2019.
- 2017 **Lipp, I.**, Bells, S., Sgarlata, E., Muhlert, N., Foster, C., Stickland, R., Davidson, A., Jones, D., Wise, R.G., Tomassini, V. Comparing MRI measures of myelin changes in multiple sclerosis. British Chapter Postgraduate ISMRM, London, 2017.
→ *I was awarded with a **prize for this presentation.***
- 2014 **Lipp, I.**, Murphy, K., Wise, R.G., Caseras, X. Agreement and repeatability of vascular reactivity estimates based on a breath-hold task and a resting state scan. Postgraduate Symposium of the British Chapter of ISMRM, Cardiff, April 2014.
- 2013 **Lipp, I.**, Evans, J., Caseras, X., Wise, R.G. Repeatability of GABA+ concentration measures in the insula and dorsolateral prefrontal cortex. International Symposium on MRS of GABA, Cardiff, September 2013.

2011

Lipp, I., Benedek, M., Koschutnig, A., Neubauer, A. Neurale Effizienz im figuralen und verbalen Bereich: eine fMRT Studie. Psychologie und Gehirn, Deutsche Gesellschaft fuer Psychologie, Heidelberg, June 2011.