

Full list of peer Reviewed Papers (in chronological order)

1. Wagner, I. C., Rütgen, M., & **Lamm, C.** (2020). Pattern similarity and connectivity of hippocampal-neocortical regions support empathy for pain. *Social Cognitive and Affective Neuroscience*, nsaa045. Advance online publication. <https://doi.org/10.1093/scan/nsaa045>
2. Adriaense, J., Koski, S. E., Huber, L., & **Lamm, C.** (2020). Challenges in the comparative study of empathy and related phenomena in animals. *Neuroscience and biobehavioral reviews*, 112, 62–82. Advance online publication. <https://doi.org/10.1016/j.neubiorev.2020.01.021>
3. Pfabigan, D. M., Mielacher, C., Duthel, F., & **Lamm, C.** (2020). ERP evidence suggests that confrontation with deterministic statements aligns subsequent other-and self-relevant error processing. *Psychophysiology*, e13556. <https://doi.org/10.1111/psyp.13556>
4. Riečanský, I., Lengersdorff, L. L., Pfabigan, D. M., & **Lamm, C.** (2020). Increasing self-other bodily overlap increases sensorimotor resonance to others' pain. *Cognitive, Affective, & Behavioral Neuroscience*, 20(1), 19-33. <https://doi.org/10.3758/s13415-019-00724-0>
5. Bartel, G., Marko, M., Rameses, I., **Lamm, C.**, & Riečanský, I. (2020). Left Prefrontal Cortex Supports the Recognition of Meaningful Patterns in Ambiguous Stimuli. *Frontiers in Neuroscience*, 14, 152. <https://doi.org/10.3389/fnins.2020.00152>
6. Knight, E.L., McShane, B.B., Kutlikova, H.H., ... , **Lamm, C.**, Mehta, P.H., Carré, J.M. (in press). Weak and variable effects of exogenous testosterone on cognitive reflection task performance in three experiments: Commentary on Nave et al. (2017). *Psychological Science*
7. Tomova, L., Saxe, R., Klöbl, M., Lanzenberger, R., & **Lamm, C.** (2020). Acute stress alters neural patterns of value representation for others. *NeuroImage*, 209, 116497 <https://doi.org/10.1016/j.neuroimage.2019.116497>
8. Vermeer, A. L., Krol, I., Gausterer, C., Wagner, B., Eisenegger, C., & **Lamm, C.** (2019). Exogenous testosterone increases status-seeking motivation in men with unstable low social status. *Psychoneuroendocrinology*, 113, 104552 <https://doi.org/10.1016/j.psyneuen.2019.104552>
9. Riečanský, I., & **Lamm, C.** (2019). The Role of Sensorimotor Processes in Pain Empathy. *Brain Topography*, 32(6), 965-976. <https://doi.org/10.1007/s10548-019-00738-4>
10. Rosenberger, L.A., Pfabigan, D., Lehner, B., Keckeis, K., Seidel, E.-M., Eisenegger, C., & **Lamm, C.** (2019). Fairness norm violations in anti-social psychopathic offenders in a repeated trust game. *Translational Psychiatry*, 9, 266. <https://doi.org/10.1038/s41398-019-0606-3>
11. Adriaense, J.E.C., Martin, J.S., Schiestl, M., **Lamm, C.**, & Bugnyar T. (2019, August 20). Reply to Vonk: Disentangling emotional contagion from its underlying causes. *PNAS*, 201910556 (Letter to editors). <https://doi.org/10.1073/pnas.1910556116>
12. Jensen, K., Gollub, R., Kong, J., **Lamm, C.**, Kaptchuk, T., & Petrovic, P. (2020). Reward and Empathy in the treating clinician: The neural correlates of successful doctor-patient interactions. *Translational Psychiatry*, 10, 17. <https://doi.org/10.1038/s41398-020-0712-2>
13. Karl, S., Boch, M., Virányi, Z., **Lamm, C.**, & Huber, L. (2019). Training pet dogs for eye-tracking and awake fMRI. *Behavior Research Methods*, 1-19. <https://doi.org/10.3758/s13428-019-01281-7>
14. Ekhtiari, H., ..., **Lamm, C.**, ..., & Hanlon, C. (2019). Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. *Neuroscience & Biobehavioral Reviews*, 104, 118-140. <https://doi.org/10.1016/j.neubiorev.2019.06.007>

15. Kraus, C., Seiger, R., Pfabigan, D. M., Sladky, R., Tik, M., Paul, K., Woletz, M., Gryglewski, G., Vanicek, T., Komorowski, A., Kasper, S., **Lamm, C.**, Lanzenberger, R. (2019). Hippocampal subfields in acute and remitted depression – An ultra high field magnetic resonance imaging treatment study. *International Journal of Neuropsychopharmacology*, 22(8), 513-522. <https://doi.org/10.1093/ijnp/pyz030>
16. Adriaense, J. E. C., Martin, J., Schiestl, M., **Lamm, C.**, & Bugnyar, T. (2019). Negative emotional contagion and cognitive bias in common ravens (*Corvus corax*). *Proceedings of the National Academy of Sciences*, 116(23), 11547-11552. <https://doi.org/10.1073/pnas.1817066116>
17. Rütgen, M., Pletti, C., Tik, M., Kraus, C., Pfabigan, D. M., Sladky, R., Klöbl, M., Woletz, M., Vanicek, T., Windischberger, C., Lanzenberger, R., & **Lamm, C.** (2019). Antidepressant treatment, not depression, leads to reductions in behavioral and neural responses to pain empathy. *Translational Psychiatry*, 9(1), 164. <https://doi.org/10.1038/s41398-019-0496-4>
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19. **Lamm, C.**, Rütgen, M., Wagner, I. (2019). Imaging empathy and prosocial emotions. *Neuroscience Letters*, 693, 49-53. <https://doi.org/10.1016/j.neulet.2017.06.054>
20. Tomova, L., Heinrichs, M., & **Lamm, C.** (2019). The Other and Me: Effects of oxytocin on self-other distinction. *International Journal of Psychophysiology*, 136, 49-53. <https://doi.org/10.1016/j.ijpsycho.2018.03.008>
21. Riečanský, I.*, Lengersdorff, L.*, Pfabigan, D.M., **Lamm, C.** (2019). Increasing self-other bodily overlap increases sensorimotor resonance to others' pain. *Cognitive, Affective, and Behavioral Neuroscience*. <https://doi.org/10.3758/s13415-019-00724-0>
22. Wilson, R. P., ..., **Lamm, C.**, ... & Bhattacharyya, S. (2018). The neural substrate of reward anticipation in health: A meta-analysis of fMRI findings in the Monetary Incentive Delay Task. *Neuropsychology Review*, 28(4), 496-506. <https://doi.org/10.1007/s11065-018-9385-5>
23. Pfabigan, D., Wucherer, A., Wang, X., Pan, X., **Lamm, C.**, Han, S. (2018). Cultural influences on the processing of social comparison feedback signals – An ERP study. *Social Cognitive and Affective Neuroscience*, 13(12), 1317-1326. <https://doi.org/10.1093/scan/nsy097>
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29. Riva, F., Tschernegg, M., Chiesa, P. A., Wagner, I. C., Kronbichler, M., **Lamm, C.***, & Silani, G.* (2018). Age-related differences in the neural correlates of empathy for pleasant and unpleasant touch in a female sample. *Neurobiology of Aging*, 65, 7-17. <https://doi.org/10.1016/j.neurobiolaging.2017.12.028>
30. Kraus C., Klöbl M., Tik M., Auer B., Vanicek T., ..., **Lamm, C.**, Lanzenberger, R. (2018). The pulvinar nucleus and antidepressant treatment: dynamic modeling of antidepressant response and remission with ultra-high field functional MRI. *Molecular Psychiatry*, 24(5), 746. <https://doi.org/10.1038/s41380-017-0009-x>
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33. Pfabigan, D. M., Gittenberger, M., & **Lamm, C.** (2017). Social dimension and complexity differentially influence brain responses during feedback processing. *Social neuroscience*, 14(1), 26-40. <https://doi.org/10.1080/17470919.2017.1395765>
34. Coll, M. P., Viding, E., Rütgen, M., Silani, G., **Lamm, C.**, Catmur, C., & Bird, G. (2017). Are we really measuring empathy? Proposal for a new measurement framework. *Neuroscience & Biobehavioral Reviews*, 83, 132-139. <https://doi.org/10.1016/j.neubiorev.2017.10.009>
35. Tik, M., Hoffmann, A., Sladky, R., Tomova, L., Hummer, A., Navarro de Lara, L., ..., **Lamm, C.** & Windischberger, C. (2017). Towards understanding rTMS mechanism of action: stimulation of the DLPFC causes network-specific increase in functional connectivity. *Neuroimage*, 162, 289-296. <https://doi.org/10.1016/j.neuroimage.2017.09.022>
36. Tamm, S., Nilsson, G., Schwarz, J., **Lamm, C.**, Kecklund, G., Petrovic, P., ... & Lekander, M. (2017). The effect of sleep restriction on empathy for pain: An fMRI study in younger and older adults. *Scientific Reports*, 7(1), 12236. <https://doi.org/10.1038/s41598-017-12098-9>
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 45. Pintzinger, N. M., Pfabigan, D. M., Pfau, L., Kryspin-Exner, I., & **Lamm, C.** (2017). Temperament differentially influences early information processing in men and women: Preliminary electrophysiological evidence of attentional biases in healthy individuals. *Biological Psychology*, 122, 69-79.
<https://doi.org/10.1016/j.biopsycho.2016.07.007>
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