

Scientific output – Dr. Anna-Chiara Schaub

Articles in peer-reviewed scientific journals

- Schaub, A.C.**, Meyer, M., Tschopp, A., Wagner, A., Lang, U. E., Walter, M., Colledge, F. *, Schmidt A.* (**under review**). Brain Alterations in Individuals with Exercise Dependence: A Multimodal Neuroimaging Investigation.
- Schaub, A. C.**, Vogel, M., Lang, U. E., Kaiser, S., Walter, M., Herdener, M., ... & Schmidt, A. (**2023**). Transdiagnostic brain correlates of self-reported trait impulsivity: A dimensional structure-symptom investigation. *NeuroImage: Clinical*, 103423.
- Yamanbaeva, G. *, **Schaub, A.-C.***, Schneider, E., Schweinfurth, N., Kettelhack, C., Doll, J.P.K., ... Schmidt, A. (**2023**). Probiotic treatment effects on fronto-limbic brain structure, function, and perfusion in depression: a post-hoc multimodal neuroimaging analysis. *Journal of Affective Disorders*, 324, 529-538.
- Schneider, E., Doll, J. P., Schweinfurth, N., Kettelhack, C., **Schaub, A.-C.**, Yamanbaeva, G., ... & Schmidt, A. (**2023**). Effect of short-term, high-dose probiotic supplementation on cognition, related brain functions and BDNF in patients with depression: a secondary analysis of a randomized controlled trial. *Journal of Psychiatry and Neuroscience*, 48(1), E23-E33.
- Schaub, A.-C.**, Vogel, M., Baumgartner, S., Lang, U. E., Borgwardt, S., Schmidt, A., & Walter, M. (**2022**). Striatal resting-state connectivity after long-term diacetylmorphine treatment in opioid-dependent patients. *Brain Communications*, 4(6), fcac275.
- Schaub, A.-C.***, Schneider, E. *, Vazquez-Castallanos J. F. *, ... Raes, J., Schmidt, A., Lang, U. E. (**2022**). Clinical, gut microbial and neural effects of a probiotic add-on therapy in depressed patients: A randomized controlled trial. *Translational Psychiatry*, 12(1), 1-10.
- Doll, J. P., Vázquez-Castellanos, J. F., **Schaub, A.-C.**, Schweinfurth, N., Kettelhack, C., Schneider, E., ... & Lang, U. E. (**2022**). Fecal Microbiota Transplantation (FMT) as an Adjunctive Therapy for Depression—Case Report. *Frontiers in psychiatry*, 13.
- Schaub, A.-C.**, Kirschner, M., Schweinfurth, N., Mählmann, L., Kettelhack, C., Doll, J., Borgwardt, S., Lang, U. E., Kaiser, S., Walter, M., Herdener, M., Wrege, J., Schmidt, A. (**2021**). Neuronal mapping of anhedonia across psychiatric diagnoses: a transdiagnostic neuroimaging analysis. *Neuroimage-Clinical*, 32, Article 102825.

Articles in non-peer-reviewed professional journals

- Schaub, A.-C.** (**2024**). Mikrobiom und Depressionen. *Schweizer Zeitschrift für Ernährungsmedizin*.
- Schneider, E., **Schaub, A.-C.**, Roth, J., Schmidt, A. (**2021**). Darm und Depression. *Psychiatrie + Neurologie*.

Contributions to conferences

- Schaub, A.-C.** (**2023**). Effects of unusual beliefs on context integration in perceptual processing. *UPK research conference*, 25 October, Basel, Switzerland.
- Schaub, A.-C.** (**2023**). Investigating neural correlates of self-reported impulsivity: a dimensional structure- symptom approach across psychiatric diagnoses (Poster). *Annual ECNP meeting 2023*, 7-10 October 2023, Barcelona, Spain.
- Schaub, A.-C.** (**2022**). Brain changes in opioid-dependent subjects after prolonged diacetylmorphine treatment: 9 years of observation (Presentation). *Swiss Addiction Research Day*, 24 June, Bern, Switzerland.

- Schaub, A.-C. (2022).** Clinical and gut microbial effects of a probiotic add-on therapy in depressed patients: A randomized controlled trial (Presentation). *Psychologie und Gehirn 2022*, 16-18 June, Freiburg, Germany.
- Schaub, A.-C. (2021).** Neural mapping of anhedonia across psychiatric diagnoses: a transdiagnostic neuroimaging analysis (Presentation). *UPK research conference*, 27 October, Basel, Switzerland.
- Schaub, A.-C. (2021).** The Gut-Brain Axis and Depression (Presentation). *Padova Open Neuroscience Symposium*, 07-09 October, Padua, Italy.
- Schaub, A.-C. (2021).** Microbial engraftment mediates antidepressant effect of probiotic supplementation in depressive patients: A randomized controlled trial (Presentation und Poster). *Annual Meeting of the Swiss Society of Biological Psychiatry (SSBP)*, 17 September, Geneva, Switzerland.
- Schaub, A.-C. (2021).** Potential of a short-term, high-dose probiotic supplementation as adjuvant therapy in depression (Rapid fire Presentation). *DKF Clinical Research Day*, 28 January, University of Basel, Basel, Switzerland.
- Schaub, A.-C., & Schneider, E. (2020).** Potential of probiotics supplementation as adjuvant treatment in depression (Presentation). *UPK research conference*, 28 October, Basel, Switzerland.

Outreach Activities

- 06.2022 Guest at Podcast "The Mind, Body and Soul in Healing" von Dr. Harvey Schwartz: "Probiotics added to antidepressants improve outcome: new preliminary research with Anna-Chiara Schaub"