

## WISSENSCHAFTLICHE PUBLIKATIONEN (DIANA ARMBRUSTER)

### JOURNAL ARTICLES

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**Armbruster, D.**, Lesch, K.-P., Strobel, A. (2023). The long and the short of it: 5-HTTLPR and moral judgement. *Behavioural Brain Research* 452: 114524.

Behnke, A.<sup>1</sup>, **Armbruster, D.**<sup>1</sup>, Strobel, A. (2023). The needs of the many: Exploring associations of personality with third-party judgments of public health-related utilitarian rule violations. *PLOS ONE* 18: e0284558.

**Armbruster, D.**, Strobel, A. (2022). The heart as judge: Association of heart rate variability with moral judgement—A replication study. *Biological Psychology* 169: 108284.

**Armbruster, D.**, Lesch, K.-P., Strobel, A. (2021). Interaction of the (CAG)<sub>n</sub> polymorphism in the androgen receptor gene and oral contraceptive use on moral judgement in women. Preprint at *PsyArXiv*. doi: 10.31219/osf.io/3fj4w.

**Armbruster, D.**, Kirschbaum, C., Strobel, A. (2021). Androgenic morality? Associations of sex, oral contraceptive use and basal testosterone levels with moral decision making. *Behavioral Brain Research* 408: 113196.

**Armbruster, D.**, Brocke, B., Kirschbaum, C., Witt, S., Lesch, K.-P., Strobel, A. (2020). Rhythm and Blues: Influence of *CLOCK* T3111C on peripheral electrophysiological indicators of negative affective processing. *Physiology & Behavior* 219: 112831.

Behnke, A., Strobel, A., **Armbruster, D.** (2020). When the killing has been done: Influences of personality on third-party judgment and punishment of homicides in moral dilemma scenarios. *PLOS ONE* 15: e0235253.

**Armbruster, D.**, Grage, T., Kirschbaum, C., Strobel, A. (2018). Processing emotions: Effects of menstrual cycle phase and premenstrual symptoms on the startle reflex, facial EMG and heart rate. *Behavioural Brain Research* 351: 178-187.

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**Armbruster, D.**, Brocke, B., Strobel, A. (2017). Winter is coming: Seasonality and the acoustic startle reflex. *Physiology & Behavior* 169: 178-183.

**Armbruster, D.**, Müller-Alcazar, A., Strobel, A., Lesch, K.-P., Kirschbaum, C., Brocke, B. (2016). BDNF val66met genotype shows distinct associations with the acoustic startle reflex and the cortisol stress response in young adults and children. *Psychoneuroendocrinology* 66: 39–46.

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<sup>1</sup> shared first authorship

**Armbruster, D.**, Pieper, L., Klotsche, J., Hoyer, J. (2015). Predictions get tougher in older individuals: a longitudinal study of optimism, pessimism and depression. *Social Psychiatry and Psychiatric Epidemiology* 50: 153–163.

**Armbruster, D.**, Strobel, A., Kirschbaum, C., Brocke, B. (2014). The impact of sex and menstrual cycle on the acoustic startle response. *Behavioural Brain Research* 274: 326–333.

**Armbruster, D.**, Suchert, V., Gärtner, A., Strobel, A. (2014). Threatening shapes: The impact of simple geometric configurations on peripheral physiological markers. *Physiology & Behavior* 135: 215–221

**Armbruster, D.**, Müller, A., Strobel, A., Lesch, K.-P., Brocke, B., Kirschbaum, C. (2012). Children under stress - COMT genotype and stressful life events predict cortisol increase in an acute social stress paradigm. *International Journal of Neuropsychopharmacology* 15: 1229-39.

Müller, A., Strahler, J., **Armbruster, D.**, Lesch, K.-P., Brocke, B., Kirschbaum, C. (2012). Genetic contributions to acute autonomic stress responsiveness in children. *International Journal of Psychophysiology* 83: 302-308.

**Armbruster, D.**, Müller, A., Strobel, A., Lesch, K.-P., Kirschbaum, C., Brocke, B. (2011). Variation in genes involved in dopamine clearance influence the startle response in older adults. *Journal of Neural Transmission* 118: 1281-1292.

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Müller, A., **Armbruster, D.**, Moser, D.A., Canli, T., Lesch, K.-P., Brocke, B., Kirschbaum, C. (2011). Interaction of serotonin transporter gene-linked polymorphic region and stressful life events predicts cortisol stress response. *Neuropsychopharmacology* 36: 1332-1339.

**Armbruster, D.**, Müller, A., Strobel, A., Lesch, K.P., Kirschbaum, C., Brocke, B. (2010). Influence of functional tryptophan hydroxylase 2 gene variation and sex on the startle response in children, young adults, and older adults. *Biological Psychology* 83: 214-221.

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**Armbruster, D.**<sup>1</sup>, Müller, A.<sup>1</sup>, Moser, D.A., Lesch, K.P., Brocke, B., Kirschbaum, C. (2009). Interaction effect of D4 dopamine receptor gene and serotonin transporter promoter polymorphism on the cortisol stress response. *Behavioral Neuroscience* 123: 1288-1295. (\*shared first authorship)

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