Main Scientific Publications (in Peer-Reviewed Journals)

Rudolph, M., & Rothermund, K. (2026). When does binding become learning, if it ever does? How sequences of stimulus-response combinations affect episodic retrieval in a color-word repetition paradigm. *Psychonomic Bulletin & Review, 33*, Article 41. https://doi.org/10.3758/s13423025-02837-9

Giesen, C. G., Rudolph, M., & Rothermund, K. (2025). False contingency beliefs reverse learning effects in the valence contingency learning task. *Cognition and Emotion*. Advance online publication. https://doi.org/10.1080/02699931.2025.2580411

Rudolph, M., & Rothermund, K. (2025). Two sources of color–word contingency learning: Episodic retrieval of stimulus–response bindings and propositional knowledge. *Journal of Experimental Psychology: Learning, Memory, and Cognition. 51*(2), 209–217. https://dx.doi.org/10.1037/xlm0001353

Rudolph, M., Giesen, C. G., & Rothermund, K. (2025). False contingency knowledge reverses the color-word contingency learning effect. *Journal of Experimental Psychology: Learning, Memory, and Cognition. 51*(7), 1023–1033. https://doi.org/10.1037/xlm0001413

Rudolph, M., Giesen, C. G., & Rothermund, K. (2025). Stimulus-response binding and retrieval operates independently of contingency awareness: A mega-analysis. *Consciousness and Cognition*, *135*, Article 103936. https://doi.org/10.1016/j.concog.2025.103936

Giesen, C., Nagel, L., Rudolph, M., & Rothermund, K. (2021). Smaller than expected: Effects of imitative action regulation after experiencing social exclusion. *Experimental Psychology*, *68*(3), 137–148. https://doi.org/10.1027/1618-3169/a000516

Books

Rudolph, M. (2025). *Wissenschaft als Kompass für die Zukunft*. Springer. https://doi.org/10.1007/978-3-662-71498-0_1

Ongoing Projects/ Manuscripts in Progress

Rudolph, M., Giesen, C., & Rothermund, K. (2026). Binding and retrieval in contingency learning. In C. Giesen, V. Mocke, & K. Rothermund (Eds.), *Binding and retrieval in action control* [Manuscript in preparation].

Martini, A., Rudolph, M., & Rothermund, K. (2025). *No evidence for an affective modulation of SR binding and retrieval effects by aversive heat stimuli* [Manuscript submitted for publication].