

Publications Tobias Kube

Journal articles (peer reviewed)

Submitted/Preprint

Kube, T. (2022, June 8). Overly large prediction errors reduce expectation change - A replication study. *Preprint available here: <https://doi.org/10.31234/osf.io/hytnp>*

Kube, T., Elssner, A. C., & Herzog, P. (under review). How multiple traumatic events are related to severe posttraumatic stress disorder – Evidence for a cognitive link. *Preprint available here: <https://doi.org/10.31234/osf.io/6rkgj>*

Kube, T., Riecke, J., Heider, J., Glombiewski, J. A., Rief, W., & Barsky, A. J. (under review). Interpreting the likelihood of a serious medical disease: Differences between patients with somatic symptoms, depressed patients, and healthy people

Kube, T., Riecke, J., Heider, J., Ballou, S. K., Glombiewski, J. A., Rief, W., & Barsky, A. J. (2022, May 17). Why patients with persistent physical symptoms continue to worry despite medical reassurance - An experimental study. *Preprint available here: <https://doi.org/10.31234/osf.io/sdv95>*

Kube, T., Kirsch, I., Glombiewski, J. A., & Herzog, P. (2022, January 10). Can placebos prevent intrusive memories? *Preprint available here: <https://doi.org/10.31234/osf.io/vwzs3>*

Kube, T., Wullenkord, M. C., Rozenkrantz, L., Kramer, P., Lieb, S., & Menzel, C. (2022, April 11). How people update their beliefs about climate change: An experimental investigation of the optimism bias and how to reduce it. *Preprint available here: <https://doi.org/10.31234/osf.io/y73q2>*

Kube, T. (2022, January 13). Factors influencing the update of beliefs regarding controversial political issues. *Preprint available here: <https://doi.org/10.31234/osf.io/9d5gn>*

Schamong, I., D'Astolfo, L., Bollmann, S., Brakemeier, E.-L., **Kube, T.** (under review). How Expectations and Therapeutic Style Influence the Outcome of a Single Psychological Counseling Session for Interpersonal Conflicts

Kirchner, L., **Kube, T.,** D'Astolfo, L., Strahler, J., Herbstreit, R., & Rief, W. (under review). How to Modify Expectations of Social Rejection? An Experimental Study Using a False-Feedback Paradigm

Herzog, P., **Kube, T.,** & Fassbinder, E. (in revision). How childhood maltreatment alters perception and cognition - The predictive processing account of borderline personality disorder

Kube, T. & Herzog, P. (in revision). Differential effects of positive and negative expectations on depressive symptoms. *Preprint available here: <https://assets.researchsquare.com/files/rs-1509694/v1/0435240d-08c6-4b1e-a6d0-b529912c5470.pdf?c=1649181578>*

Berg, M., Feldmann, M., Kirchner, L., & **Kube, T.** (in revision). Oversampled and undersolved: Depressive rumination from a predictive processing perspective. *Preprint available here: <https://psyarxiv.com/va9c3/>*

Feldmann, M., **Kube, T.,** Rief, W., & Brakemeier, E.-L. (in revision). Testing Bayesian models of self-related belief updating in the context of depressive symptomatology

In Press

- Kube, T.**, Kirsch, I., Glombiewski, J. A., Witthöft, M., & Bräscher, A.-K. (in press). Remotely provided open-label placebo reduces frequency of and impairment by allergic symptoms. *Psychosomatic Medicine*
- Ongaro, G., Ballou, S. K., **Kube, T.**, Haas, J., Kaptchuk, T. J. (in press). Doctors Speak: A Qualitative Study of Physicians' Prescribing of Antidepressants in Functional Bowel Disorders. *Culture, Medicine, and Psychiatry*
- Rozenkrantz, L., **Kube, T.**, Bernstein, M., & Gabrieli, J. (in press). How beliefs about COVID-19 influence COVID-like symptom experience – A longitudinal study. *Health Psychology*
- Schamong, I., Bollmann, S., Struck, N., **Kube, T.**, D'Astolfo, L., Brakemeier, E.-L. (in press). How an experimentally modulated therapeutic relationship style influences perceived alliance: An experimental proof-of-concept study. *Cognitive Therapy and Research*

2022

- Kube, T.**, Friehs, T., Glombiewski, J. A., & Gollwitzer, M. (2022). Depression is not related to deficits in emotional reasoning skills. *Personality and Individual Differences*, 196, 111728. <https://doi.org/10.1016/j.paid.2022.111728>
- Herzog, P., Kaiser, T., Rief, W., Brakemeier, E.-L., & **Kube, T.** (2022). Assessing dysfunctional expectations in posttraumatic stress disorder – Development and validation of the Posttraumatic Expectations Scale (PTES). *Assessment*, 1-17. <https://doi.org/10.1177/10731911221089038>
- Friehs, T., Rief, W., Glombiewski, J. A., Haas, J., & **Kube, T.** (2022). Deceptive and non-deceptive placebos to reduce sadness: A five-armed experimental study. *Journal of Affective Disorders Reports*, 9, 100349. <https://doi.org/10.1016/j.jadr.2022.100349>
- Friehs, T., & **Kube, T.** (2022). Erwartungen als Kernmechanismus des Placeboeffekts: Implikationen für die psychotherapeutische Praxis. *Die Psychotherapie* (67), 195-203. <https://doi.org/10.1007/s00278-022-00591-0>
- Kube, T.**, Körfer, K., Riecke, J., & Glombiewski, J. A. (2022). How expectancy violations facilitate learning to cope with pain – An experimental approach. *Journal of Psychosomatic Research*, 157, 110807. <https://doi.org/10.1016/j.jpsychores.2022.110807>
- Herzog, P., Feldmann, M., **Kube, T.**, Langs, G., Gärtner, T., Rauh, E., Doerr, R., Hillert, A., Voderholzer, U., Rief, W., Endres, D., & Brakemeier, E.-L. (2022). Inpatient psychotherapy for depression in a large routine clinical care sample: A Bayesian approach to examining clinical outcomes and predictors of change. *Journal of Affective Disorders*. <https://doi.org/10.1016/j.jad.2022.02.057>
- Kirchner, L., Schummer, S. E., Krug, H., **Kube, T.**, & Rief, W. (2022). How social rejection expectations and depressive symptoms bi-directionally predict each other – A cross-lagged panel analysis. *Psychology and Psychotherapy: Theory, Research and Practice*, 45(2), 477-492. <https://doi.org/10.1111/papt.12383>
- Herzog, P., Barth, C., Rief, W., Brakemeier, E.-L., & **Kube, T.** (2022). How expectations shape the formation of intrusive memories - An experimental study using the trauma film paradigm. *Cognitive Therapy and Research*. <https://doi.org/10.1007/s10608-022-10290-4>
- Kube, T.**, & Glombiewski, J. A. (2022). No evidence for the involvement of cognitive immunisation in updating beliefs about the self in three non-clinical samples. *Cognitive Therapy and Research*, 46, 43-61. <https://doi.org/10.1007/s10608-021-10256-y>

Kube, T., Kirchner, L., Lemmer, G., & Glombiewski, J. A. (2022). How the Discrepancy Between Prior Expectations and New Information Influences Expectation Updating in Depression – The Greater the Better? *Clinical Psychological Science*, *10*(3), 430-449.
<https://doi.org/10.1177/21677026211024644>

2021

Kube, T., Kirchner, L., Gärtner, T., & Glombiewski, J. A. (2021). How negative mood hinders belief updating in depression - Results from two experimental studies. *Psychological Medicine*,
<https://doi.org/10.1017/S0033291721002798>

Goli, F., Roohafza, H., Feizi, A., Gholamrezaei, A., Farzanegan, M., Hashemi, M., **Kube, T.,** & Rief, W. (2021). The Illness Belief Network Questionnaire: Development and Evaluation of a Psychosomatic Assessment Tool. *Iranian Journal of Psychiatry*.
<https://doi.org/10.18502/ijps.v16i2.5819>

Kube, T., & Glombiewski, J. A. (2021). How Depressive Symptoms Hinder Positive Information Processing: An Experimental Study on the Interplay of Cognitive Immunisation and Negative Mood in the Context of Expectation Adjustment. *Cognitive Therapy and Research*, *45*(3), 517-528. <https://doi.org/10.1007/s10608-020-10191-4>

Kube, T., & Hildebrandt, A. (2021). "Ich denke, also sage ich vorher" - Wie 'Predictive Processing'-Modelle den Einsatz von Verhaltensexperimenten bei Depressionen optimieren können. *Verhaltenstherapie*, *31*(1), 61-69. <https://doi.org/10.1159/000510610>

Kube, T., Hofmann, V. E., Glombiewski, J. A., & Kirsch, I. (2021). Providing open-label placebos remotely – A randomized controlled trial in allergic rhinitis. *PLoS ONE*. *16*(3): e0248367.
<https://doi.org/10.1371/journal.pone.0248367>

Kube, T. & Rozenkrantz, L. (2021). When Beliefs Face Reality: An Integrative Review of Belief Updating in Mental Health and Illness. *Perspectives on Psychological Science*, *16*(2), 247-274.
<https://doi.org/10.1177/1745691620931496>

2020

Koerfer, K., Schemer, L., **Kube, T.,** & Glombiewski, J. A. (2020). An Experimental Analogue Study on the “Dose-Response Relationship” of Different Therapeutic Instructions for Pain Exposures: The more, the better? *Journal of Pain Research*, *2020*(13), 3181–3193
<https://doi.org/10.2147/JPR.S265709>

Kube, T., Meyer, J., Grieshaber, P., Moosdorf, R., Böning, A., & Rief, W. (2020). Patients’ pre- and postoperative expectations as predictors of clinical outcomes six months after cardiac surgery. *Psychology, Health & Medicine*, *25*(7), 781-792.
<https://doi.org/10.1080/13548506.2019.1659986>

Bernstein, M., Locher, C., **Kube, T.,** Buergler, S., Stewart-Ferrer, S., & Blease, C. (2020). Putting the ‘Art’ into the ‘Art of Medicine’: The Under-Explored Role of Artifacts in Placebo Studies. *Frontiers in Psychology*, *11*:1354, 1-9. <https://doi.org/10.3389/fpsyg.2020.01354>

Rebstock, L., Schäfer, L. N., **Kube, T.,** Ehmke, V., & Rief, W. (2020). Placebo Prevents Rumination: An Experimental Study. *Journal of Affective Disorders*, *274*, 1152-1160.
<https://doi.org/10.1016/j.jad.2020.06.010>

Kube, T., Berg, M., Kleim, B., & Herzog, P. (2020). Rethinking post-traumatic stress disorder: A predictive processing perspective. *Neuroscience & Biobehavioral Reviews*, *113C*, 448-460.
<https://doi.org/10.1016/j.neubiorev.2020.04.014>

Blease, C. R., Arnott, T., Kelley, J. M., Proctor, G., **Kube, T.**, Gaab, J., & Locher, C. (2020). Attitudes about informed consent: An exploratory qualitative analysis of UK psychotherapy trainees. *Frontiers in Psychiatry, 11*:183. <https://doi.org/10.3389/fpsy.2020.00183>

Kube, T., Rozenkrantz, L., Rief, W., & Barsky, A. J. (2020). Understanding persistent physical symptoms: Conceptual integration of psychological expectation models and predictive processing accounts. *Clinical Psychology Review, 76*, 101829. <https://doi.org/10.1016/j.cpr.2020.101829>

Kube, T., Schwarting, R., Rozenkrantz, L., Glombiewski, J. A., & Rief, W. (2020). Distorted Cognitive Processes in Major Depression - A Predictive Processing Perspective. *Biological Psychiatry, 87*(5), 388-398. <https://doi.org/10.1016/j.biopsych.2019.07.017>

Commentary on the above article: Harmer, C. J., & Browning, M. (2020). Can a Predictive Processing Framework Improve the Specification of Negative Bias in Depression? *Biological Psychiatry, 87*(5), 382-383.

Kube, T., Rief, W., Vivell, M. B., Schäfer, N. L., Vermillion, T., Körfer, K., & Glombiewski, J. A. (2020). Deceptive and Nondeceptive Placebos to Reduce Pain: An Experimental Study in Healthy Individuals. *The Clinical Journal of Pain, 36*(2), 68-79. <https://doi.org/10.1097/AJP.0000000000000781>

2019

Kube, T., Herzog, P., Michalak, C. M., Glombiewski, J. A., Doering, B. K., & Rief, W. (2019). Further specifying the cognitive model of depression: Situational expectations and global cognitions as predictors of depressive symptoms. *Clinical Psychology in Europe, 1*(4), e33548 <https://doi.org/10.32872/cpe.v1i4.33548>

Kube, T., Glombiewski, J. A., & Rief, W. (2019). Expectation-Focused Psychotherapeutic Interventions for People with Depressive Symptoms. *Verhaltenstherapie, 29*(4), 281-291. <https://doi.org/10.1159/000496944>

Kube, T., Kirchner, L., Rief, W., Gärtner, T., & Glombiewski, J. A. (2019). Belief updating in depression is not related to increased sensitivity to unexpectedly negative information. *Behaviour Research and Therapy, 123C*, 103509. <https://doi.org/10.1016/j.brat.2019.103509>

Kube, T., Blease, C. R., Ballou, S. K., & Kaptchuk, T. J. (2019). Hope in Medicine - Applying Multidisciplinary Insights. *Perspectives in Biology and Medicine, 62*(4), 591-616. <https://doi.org/10.1353/pbm.2019.0035>

Kube, T., Glombiewski, J. A., Gall, J., Toussaint, L., Gärtner, T., & Rief, W. (2019). How to modify persisting negative expectations in major depression? An experimental study comparing three strategies to inhibit cognitive immunization against novel positive experiences. *Journal of Affective Disorders, 250C*, 231-240. <https://doi.org/10.1016/j.jad.2019.03.027>

Kube, T., Rief, W., Gollwitzer, M., Gärtner, T., & Glombiewski, J. A. (2019). Why dysfunctional expectations in depression persist—Results from two experimental studies investigating cognitive immunization. *Psychological Medicine, 49*(9), 1532-1544. <https://doi.org/10.1017/S0033291718002106>

2018

Kube, T., Glombiewski, J. A., & Rief, W. (2018). Situational expectations mediate the effect of global beliefs on depressive symptoms - A one-year prospective study using a student sample. *Current Opinion in Psychiatry, 31*(5), 409-416. <https://doi.org/10.1097/ycp.0000000000000443>

Kube, T., Glombiewski, J. A., & Rief, W. (2018). Using different expectation mechanisms to optimize treatment of patients with medical conditions - A systematic review. *Psychosomatic Medicine*, 80(6), 535-543. <https://doi.org/10.1097/PSY.0000000000000596>

Kube, T., Siebers, V. H. A., Herzog, P., Glombiewski, J. A., Doering, B. K., & Rief, W. (2018). Integrating situation-specific dysfunctional expectations and dispositional optimism into the cognitive model of depression - A path-analytic approach. *Journal of Affective Disorders*, 229C, 199-205. <https://doi.org/10.1016/j.jad.2017.12.082>

Kube, T., Rief, W., Gollwitzer, M., & Glombiewski, J. A. (2018). Introducing an EXperimental Paradigm to investigate Expectation Change (EXPEC). *Journal of Behavior Therapy and Experimental Psychiatry*, 59, 92-99. <https://doi.org/10.1016/j.jbtep.2017.12.002>

2017

Kube, T. & Rief, W. (2017). Are placebo and drug-specific effects additive? – Questioning basic assumptions of double-blinded randomized clinical trials and presenting novel study designs. *Drug Discovery Today*, 22(4), 729-735. <https://doi.org/10.1016/j.drudis.2016.11.022>

Laferton, J., **Kube, T.,** Salzmänn, S., Auer, C., & Shedden-Mora, M. (2017). Patients' Expectations Regarding Medical Treatment: A Critical Review of Concepts and their Assessment. *Frontiers in Psychology*, 8(233), 1-12. <https://doi.org/10.3389/fpsyg.2017.00233>

Kube, T., Rief, W., & Glombiewski, J.A. (2017). On the Maintenance of Expectations in Major Depression – Investigating a Neglected Phenomenon. *Frontiers in Psychology*, 8(9), 1-7. <https://doi.org/10.3389/fpsyg.2017.00009>

Kube, T., D'Astolfo, L., Glombiewski, J. A., Doering, B.K., & Rief, W. (2017). Focusing on Situation-Specific Expectations in Major Depression as Basis for Behavioral Experiments - Development of the Depressive Expectations Scale (DES). *Psychology and Psychotherapy: Theory, Research and Practice*. 90(3), 336-352. <https://doi.org/10.1111/papt.12114>

2016

Auer, C. J., **Kube, T.,** Laferton, J. A., Salzmänn, S., Shedden-Mora, M., Rief, W., & Moosdorf, R. (2016). Welche Erwartungen sagen postoperative Depressivität und Ängstlichkeit bei herzchirurgischen Patienten am stärksten vorher? *Zeitschrift für Klinische Psychologie und Psychotherapie*, 45(2), 93-108. <https://doi.org/10.1026/1616-3443/a000358>

Conference contributions (selection)

Kube, T. (2021). Convenor of the symposium entitled, „Ich denke, also sage ich vorher – Wie Predictive Processing Modelle ein neues Verständnis von psychischen Störungen ermöglichen können“, as part of it giving a presentation on „Dysfunktionale kognitive Prozesse bei depressiven Störungen: Ein Predictive Processing Ansatz?“, Symposium der Deutschen Gesellschaft für Psychologie, Fachgruppe Klinische Psychologie und Psychotherapie, Mannheim (virtual)

Kube, T. (2021). “Providing open-label placebos remotely: A randomized-controlled trial in allergic rhinitis”, Lecture presented at the 2nd Conference of the Society for Interdisciplinary Placebo Studies (SIPS) in Maryland, Baltimore, USA (virtual)

Kube, T. (2020). „Why negative beliefs in depression persist – Experimental evidence and implications for clinical practice“, Lecture presented at the 50th Congress of the European

Association of Behavioral and Cognitive Therapies (EABCT), Athens, Greece (conference took place virtually due to the COVID-19 pandemic)

Kube, T. (2019). Convenor of the Symposium entitled, "Using behavioural experiments in the treatment of mental disorders", herein giving a talk on "Behavioural experiments in depression – How to prevent patients from disregarding positive information?", 9th World Congress of Behavioural and Cognitive Therapies, Berlin, Germany

Kube, T. (2019). Mechanisms of Open-Label Placebos in Pain and Sadness. Lecture presented at the 2nd Conference of the Society for Interdisciplinary Placebo Studies (SIPS) at Leiden, Netherlands, 2019

Kube, T. (2018). „Do we experience what we expect? The influence of expectations on the development of depressive symptoms“, Lecture presented at the 48th Congress of the European Association of Behavioral and Cognitive Therapies (EABCT), Sofia, Bulgaria.

Kube, T., Glombiewski, J. A. & Rief, W. (2018). „Neuformulierung des kognitiven Modells der Depression? Die Rolle von Erwartungen und kognitiver Immunisierung.“ Lecture presented at the 36th congress of the German Psychological Association (Clinical Psychology and Psychotherapy Section), Landau, Germany.

Kube, T., Rief, W., & Glombiewski, J. A. (2017). „Why dysfunctional expectations in major depression persist - Experimental investigations on cognitive immunization and implications for clinical practice“ Lecture presented at the 47th congress of the European Association of Behavioral and Cognitive Therapies (EABCT), Ljubljana, Slovenia.

Kube, T. & Rief, W. (2017). „Interaktionen von Placebo- und medikamentenspezifischen Effekten - Implikationen für klinische Studien.“ Lecture presented at the 35th congress of the German Psychological Association (Clinical Psychology and Psychotherapy Section), Chemnitz, Germany.

Kube, T., Rief, W., Konrad, R., Gollwitzer, M., & Glombiewski, J.A. (2017). "Immunization as core mechanism underlying expectation persistence in major depression - Results from an experimental study" Poster presented at the 1st Conference of the Society for Interdisciplinary Placebo Studies (SIPS) at Leiden, Netherlands, 2017

Kube, T., D'Astolfo, L., Glombiewski, J. A., Doering, B. K., & Rief, W. (2016). "Erfassung dysfunktionaler Erwartungen bei depressiver Symptomatik - Entwicklung der Depressive Expectations Scale (DES)." Poster presented at the 34th Congress of the German Psychological Society (Clinical Psychology and Psychotherapy Section), Bielefeld, Germany.

Kube, T., Salzmann, S., Laferton, J.A.C., Auer, C.J., Moosdorf, R., Rief, W. (2016). "Steigerung von körperlicher Aktivität nach Herzoperationen - Effekte einer präoperativen psychologischen Intervention." Poster presented at the 15th Congress of the German Society for Behavioral Medicine and Behavioral Modification, Mainz, Germany.