

## CURRICULUM VITAE

Merel Kindt

February 2020

### **Address**

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## Personal Details

Title and Full Name                    Prof. dr. Merel Kindt  
 Date of Birth                            26 June 1967  
 Nationality                              Dutch  
 Marital Status                         Married, three children (1999 - 2002 - 2005)

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## Professional and Educational Background

2003 - present                    **Full Professor** of Experimental Clinical Psychology - Faculty of Social and Behavioural Sciences - University of Amsterdam.

2000 - 2003                        **Associate Professor** of Clinical and Experimental Psychology, Faculty of Health Science - Maastricht University.

1997 - 2000                        **Assistant Professor** - Maastricht University.

1997 - 2003                        **Postdoctoral Clinical Training.** Psychotherapy - RINO.  
 2003 - present                        **Registration Health Psychologist** (BIG-register 39051566025).

1992 - 1996                        **PhD-student.** Clinical Psychology, University of Amsterdam.  
 Doctorate: 20 December 1996.

1991 - 1992                        Research assistant. Psychology - University of Amsterdam.

1985 - 1991                        Psychology - University of Amsterdam.  
 Majors: Clinical Psychology and Neuroscience.  
 MA '*cum laude*' Psychology - 30 August 1991.

## Management

2018 – present                    Founding partner of Kindt Clinics <https://kindtclinics.com/>, an outpatient clinic for phobias and anxiety disorders.

2014 - present                    Member of the Jumpstart jr Foundation Board.  
<https://www.jumpstartjr.org/home>

2006 - 2018                        Chairperson of the Department of Clinical Psychology. Faculty of Social and Behavioural Sciences, Department of Clinical Psychology, University of Amsterdam.

2003 - 2014                        Board member of the Dutch-Flemish Inter-University Postgraduate School 'Experimental Psychopathology'. <https://epp-research.eu/>

- 2012 Chairperson of Amsterdam Summer School: Emotional Memory: From Patient to Synapse - Amsterdam Brain and Cognition, University of Amsterdam. <https://abc.uva.nl/education/abc-summer-school/archive-summer-school/2012-emotional-memory-from-patient-to-synapse.html>
- 2005 - 2010 Member of Research Master Committee of Psychology: Development of the Research Master Program of Psychology.

## Supervision and Teaching

### Post-doctoral

- 2007-present Supervision of grants:  
 NWO VIDI (2014) - Dr. S. de Wit (800 k€)  
 NWO VIDI (2009) - Dr. T. R. J. Beckers (800 k€)  
 NWO VENI (2018) - Dr. R. Visser (250 k€)  
 NWO VENI (2016) - Dr. A. van Ast (250 k€)  
 NWO VENI (2007) - Dr. B. Vervliet (264 k€)  
 NWO VENI (2007) - Dr. A. van Stegeren (299 k€)
- 2012 Amsterdam Brain and Cognition Summer School: "Emotional Memory: From Patient to Synapse" (Cognitive Science Centre Amsterdam).

### Post-doctoral Clinical Training

- 1999 - present Benecke – Medical Continued Education for Psychiatrists and Clinical Psychologist.
- Workshops on the aetiology and treatment of Posttraumatic Stress Disorder in Italy (Verona - Rome) and the Netherlands (Maastricht - Haarlem).

### Bachelor and Research Master

- 2003 - present Lecturer on *Anxiety Disorders (BA), Trauma, Memory and Posttraumatic Stress Disorder (MA), Experimental Psychopathology (Research Master), Emotional memory and Psychopathology (Research Master)*.  
 Supervision of graduate research.
- 1997 - 2003 **Faculty of Health Science, Maastricht University**  
 Supervision of graduate research.  
 Lecturer on *Anxiety Disorders, Affective Disorders, Cognitive Psychology, Experimental Psychopathology*.
- 1992 - 1996 **University of Amsterdam**  
 Supervision of graduate research theses.

## Other Academic Activities

### Commissions of Trust

- 2014 - 2020 ERC Consolidator Grant Panel Member, The Human Mind and its Complexity (SH4). Per 2016 deputy chair of the ERC consolidator SH4 panel.
- 2013 Member of the Scientific Reviewer Committee of the MRC Cognition and Brain Sciences Unit, Cambridge.
- 2011 - 2012 Chairman of a Committee of the Scientific Research and Documentation Centre of the Dutch Ministry of Justice's (WODC): Evaluation of Cognitive Interventions.
- 2006 - 2007 Member of the Health Council of the Netherlands. The committee "Health Insurance Protocol Anxiety Disorders".
- 2001 - 2003 Member of the Health Council of the Netherlands. The committee "Implications of new possibilities to influence the brain" was formed as part of the 100-year anniversary of the Health Council - installed at 25<sup>th</sup> June 2001. The report "The future of our selves" was presented to the Minister of Public Health (VWS) at 8<sup>th</sup> April 2003.

### Reviewer

- 2000 - present Reviewer of (inter)national research projects for various agencies including the European Research Council (ERC) starting and consolidator panel, The Wellcome Trust London and the Dutch Organization for Scientific Research (NWO).
- 1998 - present Examiner in > 75 PhD-Committees.
- 1995 - present Reviewer for various international journals (e.g., Behaviour Research and Therapy, Journal of Abnormal Psychology, Journal of Behavior Therapy and Experimental Psychiatry, Journal of Anxiety Disorders, Journal of Experimental Psychopathology, Memory, NeuroImage, Journal of Cognitive Neuroscience, Biological Psychology, Biological Psychiatry, Learning and Memory, Neurobiology of Learning and Memory, The Journal of Neuroscience, Science Neuropsychopharmacology ).

### Editorial

- 2012 - present Consulting Editor *Clinical Psychological Science*.
- 2011 - present Consulting Editor *Journal of Abnormal Psychology*.
- 2016 - present Editorial Board of *Behaviour Research and Therapy*.
- 2011 - present Editorial Board of the *Journal of Experimental Psychopathology*.
- 2006 - present Editorial Board of the *Journal of Behavior Therapy and Experimental Psychiatry*.
- 2005 - 2007 Editorial Board of the *Dutch Journal 'Gedragstherapie' (i.e., Behavior Therapy)*.

2003 Editor for a special issue of the Journal of Behavior Therapy and Experimental Psychiatry (2003): "Cognitive Processes and PTSD: analogue and clinical studies".

### Organizations of Scientific Meetings

2009 - present Member of the organization committee for a yearly *European Meeting on Human Fear Conditioning*.

2011 Coordination of Masterclass for PhD-students: "*Stress and Memory: from molecule to fMRI*" by Prof. dr. L. Nadel - Guest Professor Priority Programme Brain and Cognition.

2010 Coordination of Masterclass for PhD-students: "*Rise and Fall of Fear: Neurobiological and Psychological Processes*" by Prof. dr. M Telch - Revesz Chair - Department of Clinical Psychology.

### Past Performance on PhD's (Promotor)

1. Dr. L. Geven Extending the scope of concealed information detection (6 September 2019 – University of Amsterdam). Promotores: Prof. dr. G. Ben-Shakhar (Jeruzalem) and Dr. B.J. Verschuere, co-promotor Prof. dr. M. Kindt.
2. Dr. F. Gazendam Individual differences in associative fear learning (12 September 2018 – University of Amsterdam. Promotores: Prof. dr. M. Kindt and Prof. dr. J.H. Kamphuis). Dr. F Gazendam is currently working as clinical practitioner.
3. Dr. A. Kunze Imagery rescripting of emotional memories: A search for underlying mechanisms (21 February 2018 – University of Amsterdam). Promotores: Prof. dr. M. Kindt and Prof. dr. A. Arntz. Dr. A. Kunze is currently postdoctoral fellow at the University of München.
4. Dr. N. klein Selle What are you hiding? The underlying and contributing mechanisms of physiological memory detection (18 October 2017 – University of Amsterdam). Promotores: Prof. dr. G. Ben-Shakhar (Jeruzalem) and Prof. dr. M. Kindt, co-promotor Dr. B. J. Verschuere.
5. Dr. R. Visser The neural dynamics of fear memory (**cum laude**) (13 January 2016 – University of Amsterdam). Promotor: Prof. dr. M. Kindt, co-promotor dr. S. Scholte. Visser is currently is currently assistant professor at the University of Amsterdam. (**Marie Curie fellowship 2017, VENI grant 2019**).
6. Dr. I. Arnaudova Avoidance: From threat encounter to action execution (8 December 2015 – University of Amsterdam). Promotores: Prof. dr. T. Beckers and Prof. dr. M. Kindt. Dr. Arnaudova is currently postdoctoral fellow at the University of California.

7. Dr. A. Kryptos      Avoidance learning (6 March 2015 - University of Amsterdam). Promotores: Prof. dr. T. Beckers and Prof. dr. M. Kindt, co-promotor, Dr. M. Effting. Dr. Kryptos is currently postdoctoral fellow at Utrecht University.
8. Dr. V. van Ast      Memories in Context: On the role of cortisol (1 July 2014 – University of Amsterdam). Promotor: Prof. dr. M. Kindt. Dr. Van Ast is currently assistant professor at the University of Amsterdam. (**VENI grant 2016**)
9. Dr. M. Bos          Challenging emotional memory (10 June 2014 - University of Amsterdam). Promotor: Prof. dr. M. Kindt. Co-promotor: Dr. T. Beckers. Dr. Bos is currently postdoctoral fellow at Leiden University.
10. Dr. D. Sevenster      Fear memory uncovered: Prediction error as the key to memory plasticity (14 May 2014 - University of Amsterdam). Promotor: Prof. dr. M. Kindt. Copromotor: Dr. T. Beckers. Dr. Sevenster is currently assistant professor at Utrecht University.
11. Dr. M. Soeter        Erasing Fear from Memory (26 January 2012 - University of Amsterdam). Promotor: Prof. dr. M. Kindt. Dr. M. Soeter is currently scientist at TNO.
12. Dr. M. Effting        Plasticity of Fear Memory: A search for relapse prevention. (7 June 2011 – University of Amsterdam). Promotor: Prof. dr. M. Kindt. Copromotor: Dr. B. Vervliet. Dr. Effting is currently lecturer at the University of Amsterdam.
13. Dr. E. Salemink      Believing is seeing. (5 September 2008 - Utrecht University). Promotores: Prof. dr. M. van den Hout and Prof. dr. M. Kindt. Dr. Salemink is currently assistant professor at the University of Amsterdam. (**VENI grant**)
14. Dr. M. Morren        Cognitive bias and the development of anxiety in children (1 February 2007 - Maastricht University). Promotores: Prof. dr. M. Kindt and Prof. dr. M.A. van en Hout. Dr. Morren is currently research fellow at NIVEL.
15. Dr. P. Karsdorp      Biased perceptions of heart symptoms in patients with congenital heart disease (18 January 2007 - University of Amsterdam). Promotores: Prof. dr. M. Kindt and Prof. dr. B. Mulder. Copromotor: Prof. dr. W.T.A.M. Everaerd. Dr. Karsdorp is currently postdoctoral fellow at Utrecht University. (**VENI grant**)
16. Dr. N. Buck          Stuck in the past: On the prediction and explanation of post-trauma symptomatology (26 October 2006 - Maastricht University). Promotores: Prof. dr. M. Kindt and Prof. dr. M. van den Hout. Dr. Buck is currently a researcher at the EUR.

### Supervision of Current PhD Students

Name:	Period:	Title:
1. Anna Filmer	2019-2023	Stability and plasticity of emotional memory (ERC)
2. Jacqueline Peters	2019-2023	Stability and plasticity of emotional memory (ERC)
3. Faya Reinhold	2019-2023	Stability and plasticity of emotional memory (ERC)
4. Lotte Stemerding	2018-2022	Stability and plasticity of emotional memory (ERC)
5. Olivier de Vries	2017-2021	The fate of emotional episodic memories (NWO)
6. Sascha Duken	2017-2021	The rise and fall of emotional memory distortions (NWO)
7. Wouter Cox	2016-2020	Forgetting trouble is the way to cure it (NWO)
8. James Elsey	2015-2019	Fighting against fear (UvA)
9. Sandra Raabe	2007-2019	Treatment of Chronic PTSD (UvA)

### Brief summary of research over past 15 years

Merel Kindt has made seminal contributions to the field of fear learning and memory. Due to her exceptional work which brings together the fields of clinical psychology and neuroscience, she became a full Professor of Experimental Clinical Psychology seven years after her PhD and clinical training (aged 36). It has since been her mission to understand mechanisms of change, and to build on fundamental brain and cognition science in order to shape clinical interventions. In 2008, she started an innovative research programme on the plasticity of fear memory, which challenged the prevailing cognitive behavioural hypothesis that emotional memories are fixated in the physical architecture of the brain. She has used and developed a vast array of experimental methods to study the formation, consolidation and plasticity of emotional memory, including behavioural methods (e.g., adaptation of the classical fear conditioning paradigm), cognitive methods (e.g., information processing biases, meta-memory in obsessive compulsive disorder and posttraumatic stress disorder), manipulation and assessment of stress hormones (noradrenaline and cortisol) and neural pattern analyses (e.g., functional MRI). Over the years, she has established a highly successful programme of research. Specifically, she was the first to show (and replicate) that the emotional expression of fear memories can be erased in humans (e.g., *Nature Neuroscience*, 2009; *Nature Communications*, 2018), and which conditions are essential for this to occur (*Science*, 2013). The potential of her research programme lies in the bidirectional translational approach. It builds on fundamental insights from animal and human neuroscience literature, as well as clinical observations. These insights and observations provide operational tools, which can be used to test novel hypotheses at different levels of analysis: from basic science to clinical applications, and vice versa. Kindt has translated the fundamental insights on the plasticity of fear memory obtained in the laboratory into a new intervention for people suffering from irrational fears (*Biological Psychiatry*, 2015). Prof. Pitman from Harvard lauded her research in his commentary "Harnessing reconsolidation to treat mental disorders" (*Biological Psychiatry*, 2015) by stating: "An appeal of the line of research taken by Kindt and colleagues is that it is truly translational. 'Translational' is a word often invoked but not often realized in psychiatric research. Work in Kindt's laboratory epitomizes translational research. It has built on basic animal findings regarding the labile nature of memory and applied these findings first to experiments in normal human subjects and subsequently in this impressive article to a subclinical condition. The applicability of reconsolidation blockade and memory updating to full-blown mental disorders remains to be seen, but in light of this article, the prospects seem more promising than ever."

## Scholarships and Prizes

- 2020 **ZonMW Open Competition.** Resolving Emotional Memories Overnight (in collaboration with Prof. dr. E. van Someren) (750 k€)
- 2019 **NWO Gravity grant.** New Science of Mental Disorders (co-applicant and PI), in collaboration with Prof. dr. A. Jansen (main applicant, UM), Prof. Dr. A. Roefs (UM), Prof dr. R. Wiers (UvA), Prof dr. B. Elzinga (UL), Prof. Dr. A. Evers (UL). (19.393 k€)
- 2017 NWO research talent grant. The rise and fall of emotional memory distortions. MSc. Sascha Duken (224 k€)
- 2016 **ERC Advanced grant.** Understanding the stability and plasticity of emotional memory. 4 PhD students and 2 postdoctoral fellows. (2.500 k€)
- 2016 NWO Research talent grant. Forgetting trouble is the way to cure it. MSc. Wouter Cox. (219 k€)
- 2015 Amsterdam Brain and Mind Project. Dissection of prediction error and reconsolidation circuits of aversive-emotional memory. Collaboration with Prof. dr. Sabine Spijker (Free University Amsterdam). Dr. Priyanka Rao-Ruiz. (240 k€)
- 2015 Swedish Research Council, Erasing fear by social learning. Postdoc Armita Golkar. (331 k€)
- 2014 Amsterdam Brain & Cognition Centre (ABC), Priority Programme. Imaging Fear Erasure: The neural mechanisms of reconsolidation in humans (PI). Collaboration with Dr. Guido van Wingen. (250 k€)
- 2014 Medical Research Council (MRC) Project Grant, United Kingdom. Co-applicant, in collaboration with Ravi Das (University College London), Sunjeev Kamboj, Val Curran and Leun Otten. (608 k€)
- 2012 NWO EPP Research talent grant. Changing memory through imagery rescripting. MSc. Anna Kunze. (200 k€)
- 2009 University Research Priority Programme Brain and Cognition - Cognitive Science Centre Amsterdam (CSCA): *Keeping emotional memories at bay: From molecule to patient* (PI). Collaboration with: Prof. dr. M. Joëls and Dr. H Krugers (Biology). (829 k€)
- 2008 NWO Research talent grant. Effects of stress on associative memory. MSc. Vanessa van Ast. (180 k€)
- 2008 NWO Research talent grant. Facing anxiety: an innovative transdiagnostic approach to etiology and treatment. MSc. Femke Gazendam (180 k€).
- 2007 **NWO VICI grant:** "Plasticity of fear memories": 3 PhD students and 1 postdoctoral fellow. (1.250 k€)



- 2000 **NWO ASPASIA grant.** Cognitive processing and anxiety disorders. (i.e., highest ranking within the sector Society- and Behavior Sciences). (100 k€)
- 1991 Erasmus Program - Research on neuropsychology of emotion at the University of Bologna - Italy.

### Media Coverage (selection)

- National NOS journaal, RTL Nieuws, VPRO Labyrint, VPRO De volmaakte mens, EenVandaag, De Volkskrant, NRC, Elsevier.
- International BBC, Channel Four News, ABC news, CBS, Russian NTV, Nature Video, Documentary 'Memory Hackers' (PBS, Netflix), A cure for fear by Lana Wilson, (Emmy Award-winning Director), Be Afraid: The Science of Fear (CBC), Reuters, Der Spiegel (Germany), German Magazin Focus, The Washington Post, New Republic, The New York Times.

### Publication Statistics

#### ISI Web of Science per August 2019

Times Cited	5970
Times Cited without Self-Citations	5411
Average Citations per Item	36
<i>h-index</i>	46

#### Google Scholar

Times cited	11018
<i>h-index</i>	57
<i>i10-index</i>	126

## List of Publications

### Refereed Articles:

#### 2019

1. Das, R. K., Gale, G., Walsh, K., Hennessy, V. E., Iskandar, G., Mordecai, L. A., Brandner, B., **Kindt, M.**, Curran, H.V., & Kamboj, S. K. (2019). Ketamine can reduce harmful drinking by pharmacologically rewriting drinking memories. *Nature Communications*, *10*(1), 1-10.
2. Elsey, J. W., Bekker, T. A., De Bree, A. M., & **Kindt, M.** (2019). Encoding or consolidation? The effects of pre-and post-learning propranolol on the impact of an emotional scene. *Journal of behavior therapy and experimental psychiatry*, 101480.
3. Geven, L. M., Ben-Shakhar, G., **Kindt, M.**, & Verschuere, B. (2019). It's a match!? Appropriate item selection in the Concealed Information Test. *Cognitive research: principles and implications*, *4*(1), 11.
4. Geven, L. M., Ben-Shakhar, B., **Kindt, M.**, & Verschuere, B. (2018). Memory-based deception detection: Extending the cognitive signature of lying from instructed to self-initiated cheating. *Topics in Cognitive Science*. <https://doi.org/10.1111/tops.12353>
5. Kunze, A. E., Arntz, A., & **Kindt, M.** (2019). Investigating the effects of imagery rescripting on emotional memory: A series of analogue studies. *Journal of Experimental Psychopathology*, *10*(2), 2043808719850733.
6. Kunze, A. E., Lancee, J., Morina, N., **Kindt, M.**, & Arntz, A. (2019). Mediators of change in imagery rescripting and imaginal exposure for nightmares: Evidence from a randomized wait-list controlled trial. *Behavior therapy*, *50*(5), 978-993.

#### 2018

7. Arnaudova, I., Kryptos, A. M., Effting, M., **Kindt, M.**, & Beckers, T. (2018). Manipulating affective state influences conditioned appetitive responses. *Cognition and Emotion*, 1-20.
8. Elsey, J.W.B., van Ast, A., & **Kindt, M.** (2018). Human memory reconsolidation: A guiding framework and critical review of the evidence. *Psychological Bulletin*, *144*, 797-848.
9. Elsey, J., & **Kindt, M.** (2018). Can criminals use propranolol to erase crime-related memories? A response to McGorrrery (2017). *Alternative Law Journal*, *43*(2), 136-138.
10. Faliagkas, L., Rao-Ruiz, P., & **Kindt, M.** (2018). Emotional memory expression is misleading: delineating transitions between memory processes. *Current Opinion in Behavioral Sciences*, *19*, 116-122.
11. Geven, L. M., klein Selle, N., Ben-Shakhar, G., **Kindt, M.**, & Verschuere, B. (2018). Self-initiated versus instructed cheating in the physiological Concealed Information Test. *Biological psychology*, *138*, 146-155.

12. Geven, L. M., Ben-Shakhar, G., Kindt, M., & Verschuere, B. (2018). Memory-Based Deception Detection: Extending the Cognitive Signature of Lying From Instructed to Self-Initiated Cheating. *Topics in cognitive science*.
13. de Haan, M. I., van Well, S., Visser, R. M., Scholte, H. S., van Wingen, G. A., & **Kindt, M.** (2018). The influence of acoustic startle probes on fear learning in humans. *Scientific reports*, 8(1), 14552.
14. **Kindt, M.** (2018). The surprising subtleties of changing fear memory: a challenge for translational science. *Phil. Trans. R. Soc. B*, 373(1742), 20170033.
15. **Kindt, M.**, & Soeter, M. (2018). Pharmacologically induced amnesia for learned fear is time and sleep dependent. *Nature Communications*, 9:1316.
16. Klein Selle, N., Ben-Shakhar, G., **Kindt, M.**, & Verschuere, B. (2018). Preliminary evidence for physiological markers of implicit memory. *Biological Psychology*, 135: 220-235.
17. Kunze, A. E., Arntz, A., Morina, N., **Kindt, M.**, & Lancee, J. (2018). Imagery rescripting and imaginal exposure for nightmares: efficacy and mechanisms of change. *Journal of Sleep Research*, 27(S1), 417-418.
18. Linnebank, F. E., **Kindt, M.**, & de Wit, S. (2018). Investigating the balance between goal-directed and habitual control in experimental and real-life settings. *Learning & behavior*, 1-14.
19. Verhoeven, A. A., Kindt, M., Zomer, C. L., & de Wit, S. (2018). An experimental investigation of breaking learnt habits with verbal implementation intentions. *Acta psychologica*, 184, 124-136.
20. de Wit, S., Kindt, M., Knot, S. L., Verhoeven, A. A., Robbins, T. W., Gasull-Camos, J., ... & Gillan, C. M. (2018). Shifting the balance between goals and habits: Five failures in experimental habit induction. *Journal of Experimental Psychology: General*, 147(7), 1043.

## 2017

21. Arnaudova, I., Kryptos, A. M., Effting, M., **Kindt, M.**, & Beckers, T. (2017). Fearing shades of grey: individual differences in fear responding towards generalisation stimuli. *Cognition and Emotion*, 31(6), 1181-1196.
22. Arnaudova, I., Fanselow, M., **Kindt, M.**, & Beckers, T. (2017). Pathways towards the proliferation of avoidance in anxiety and their implications for treatment. *Behaviour Research and Therapy*, 96, 3-13.
23. Arnaudova, I., Kryptos, A.M., Effting, M., **Kindt, M.**, & Beckers, T. (2017). Moving threat: Attention and distance change interact in threat responding. *Emotion*, 17, 251-258.
24. Beckers, T., & **Kindt, M.** (2017). Memory reconsolidation interference as an emerging treatment for emotional disorders: strengths, limitations, challenges and opportunities. *Annual Review of Clinical Psychology*, 13, 99-121.

25. Elsey, J.W.B. & **Kindt, M.** (2017). Tackling maladaptive memories through reconsolidation: From neural to clinical science. *Neurobiology of Learning & Memory*, *142*, 108-117.
26. Elsey, J.W.B., & **Kindt, M.** (2017). Breaking boundaries: Optimizing reconsolidation-based interventions for strong and old memories. *Learning & Memory*, *24*, 472-479.
27. Golkar, A., Tjaden, C., & **Kindt, M.** (2017). Vicarious extinction learning during reconsolidation neutralizes fear memory. *Behaviour Research and Therapy*, *92*, 87-93.
28. Klein Selle, N., Verschuere, B., **Kindt, M.**, Meijer, E., & Ben-Shakhar, G. (2017). Unravelling the roles of orienting and inhibition in the concealed information test. *Psychophysiology*, *54*, 628-639.
29. Klein Selle, N., Verschuere, B., **Kindt, M.**, Meijer, E., Nahari, T., & Ben-Shakhar, G. (2017). Memory detection: The effects of emotional stimuli. *Biological psychology*, *129*, 25-35.
30. Kunze, A.E., Arntz, A., Morina, N., **Kindt, M.**, & Lancee, J. (2017). Efficacy of Imagery Rescripting and Imaginal Exposure for Nightmares: A randomized wait-list controlled trial. *Behaviour Research and Therapy*, *97*, 14-25.
31. Kunze, A., Arntz, A., Morina, N., **Kindt, M.**, & Lancee, J. (2017). Treatment efficacy of imagery rescripting and imaginal exposure for nightmares. Evidence from a randomized wait-list controlled trial. *Sleep Medicine*, *40*, e178.
32. Lissek, T., Adams, M., Adelman, J., Ahissar, E., Akaaboune, M., Akil, H., ... & Avila, J. (2017). Building bridges through science. *Neuron*, *96*(4), 730-735.
33. Schroyens, N., Beckers, T., & **Kindt, M.** (2017). In search for boundary condition of reconsolidation: A failure of fear memory interference. *Frontiers in Behavioral Neuroscience*, doi.org/10.3389/fnbeh.2017.00065.
34. Sevenster, D., Haesen, K., Vervliet, B., Kindt, M., & D'Hooge, R. (2017). Prevention and treatment strategies for contextual overgeneralization. *Scientific reports*, *7*(1), 16967.
35. Verhoeven, A.A.C., **Kindt, M.**, Zomer, C.L., & de Wit, S. (2017). An experimental investigation of breaking learnt habit with verbal implementation intentions. *Acta Psychologica*, doi.org/10.1016/j.actpsy.2017.05.008.

## 2016

36. Arnaudova, I., Kryptos, A.M., **Kindt, M.**, & Beckers, T. (2016). Fearing shades of grey: individual differences in fear responding towards generalisation stimuli. *Cognition & Emotion*, 1-16.
37. Cohn, M.D., Lith, K. van, **Kindt, M.**, Pape, L.E., Doreleijers, T.A.H., Brink, W. van den, Veltman, D.J., & Popma, A. (2016). Fear extinction, persistent disruptive behavior and psychopathic traits: fMRI in late adolescence. *Social Cognitive and Affective Neuroscience*, *11*, 1027-1035.

38. Elsey, J.W.B., & **Kindt, M.** (2016). Manipulating human memory through reconsolidation: Ethical implications of a new therapeutic approach. *American Journal of Bioethics – Neuroscience*, 7:4, 225-236.
39. **Kindt, M.**, & van Emmerik, A. (2016). New avenues for treating emotional memory disorders: towards a reconsolidation intervention for posttraumatic stress disorder. *Therapeutic Advances in Psychopharmacology*, 6, 283-295.
40. Klein Selle, N., Verschuere, B., **Kindt, M.**, Meijer, E., & Ben-Shakhar, G. (2016). Orienting versus inhibition in the Concealed Information Test: Different cognitive processes drive different physiological measures. *Psychophysiology*, 53, 579-590.
41. Kunze, A.E., Lancee, J., Morina, N., **Kindt, M.**, & Arntz, A. (2016). Efficacy and mechanisms of imagery rescripting and imaginal exposure for nightmares: study protocol for a randomized controlled trial. *Trials*, 17, 469.
42. Visser, R.M., de Haan, M.I., Beemsterboer, T., Haver, P., **Kindt, M.**, & Scholte, H.S. (2016). Quantifying learning-dependent changes in the brain: Single trial multivoxel pattern analysis requires slow event related fMRI. *Psychophysiology*, 53, 1117-1127.
43. Visser, R.M., Haver, P., Zwitser, R.J., Scholte, H.S., & **Kindt, M.** (2016). First steps in using multi-voxel pattern analysis to disentangle neural processes underlying generalization of spider fear. *Frontiers in Human Neuroscience*, 10, 222.

## 2015

44. Gazendam, F.J., Kamphuis, J.H., Eigenhuis, A., Huizenga, H.M.H., Soeter, M., Bos, M.G.N., Sevenster, D., & **Kindt, M.** (2015). Personality predicts individual variation in fear learning: A multilevel growth modeling approach. *Clinical Psychological Science*, 1-14.
45. Kryptos, A.-M., Arnaudova, I., Eftting, M., **Kindt, M.**, & Beckers, T. (2015). Effects of approach-avoidance training on the extinction and return of fear responses. *PLoS One*, 10, e0131581.
46. Kryptos, A.-M., Beckers, T., **Kindt, M.**, & Wagenmakers, E.J. (2015). A bayesian hierarchical diffusion model decomposition of performance in approach-avoidance tasks. *Cognition & Emotion*, 29, 1424-1444.
47. Kryptos, A.-M., Eftting, M., **Kindt, M.**, & Beckers, T. (2015). Avoidance learning: A review of theoretical models and recent developments. *Frontiers in Behavioural Neuroscience*, doi: 10.3389/fnbeh.2015.00189.
48. Kunze, A., Arntz, A., & **Kindt, M.** (2015). Fear conditioning with film clips: A complex associative learning paradigm. *Journal of Behavior Therapy and Experimental Psychiatry*, 47, 42-50.
49. Raabe, S., Ehring, T., Marquenie, L., Olf, M. & **Kindt, M.** (2015). Imagery rescripting as a stand-alone treatment for posttraumatic stress disorder related to childhood abuse. *Journal of Behavior Therapy and Experimental Psychiatry*, 48, 170-176.

50. Sevenster, D., Hamm, A., Beckers, T., & **Kindt, M.** (2015). Heart rate pattern and resting heart rate variability mediate individual differences in contextual anxiety and conditioned responses. *International Journal of Psychophysiology*, doi: 10.1016/j.ijpsycho.2015.09.004.
51. Soeter, M., & **Kindt, M.** (2015). An abrupt transformation of phobic behavior following a post-retrieval amnesic agent. *Biological Psychiatry*, *78*, 880-886.
52. Soeter, M., & **Kindt, M.** (2015). Retrieval cues that trigger reconsolidation of associative fear memory are not necessarily an exact replica of the original learning experience. *Frontiers in Behavioural Neuroscience*, doi: 10.3389/fnbeh.2015.00122.
53. Visser, R. M., Kunze, A. E., Westhoff, B., Scholte, H. S., & **Kindt, M.** (2015). Representational similarity analysis offers a preview of the noradrenergic modulation of long-term fear memory at the time of encoding. *Psychoneuroendocrinology*, *55*, 8-20.

## 2014

54. Ast, V.A. van, Cornelisse, S., Meeter, M., & **Kindt, M.** (2014). Cortisol mediates the effects of stress on the contextual dependency of memories. *Psychoneuroendocrinology*, *41*, 97-110.
55. Bos, M.G.N., Schuijjer, J., Lodestijn, F., Beckers, T. & **Kindt, M.** (2014). Stress enhances reconsolidation of declarative memory. *Psychoneuroendocrinology*, *46*, 102-113.
56. Bos, M.G.N., Jacobs van Goethem, T., Beckers, T. & **Kindt, M.** (2014). Cortisol response mediates the effect of post-reactivation stress exposure on contextualization of emotional memories. *Psychoneuroendocrinology*, *50*, 72-84.
57. Bos, M.G.N., Beckers, T. & **Kindt, M.** (2014). Noradrenergic blockade of memory reconsolidation: A failure to reduce conditioned fear responding *Frontiers in Behavioural Neuroscience*, *8*: 412.
58. Cornelisse, S., Ast, V.A. van, Joëls, M., & **Kindt, M.** (2014). Delayed effects of cortisol enhance fear memory of trace conditioning. *Psychoneuroendocrinology*, *40*, 257-268.
59. **Kindt, M.**, & Soeter, M. (2014). Fear inhibition in high trait anxiety. *PLoS ONE*, *9*, e86462.
60. **Kindt, M.**, Soeter, M. & Sevenster, D. (2014). Disrupting reconsolidation of fear memory in humans by a noradrenergic  $\beta$ -blocker. *Journal of Visualized Experiments*, *94*, e52151, doi:10.3791/52151.
61. **Kindt, M.** (2014). A behavioural neuroscience perspective on the aetiology and treatment of anxiety disorders. *Behaviour Research and Therapy*, *62*, 24-36.
62. Kryptos, A.-M., Effting, M., Arnaudova, I., **Kindt, M.**, & Beckers, T. (2014). Avoided by association: Acquisition, extinction, and renewal of avoidance tendencies toward conditioned fear stimuli. *Clinical Psychological Science*, *2*, 336-343.
63. Salemink, E., **Kindt, M.**, Rienties, H., & Hout, M. van den (2014). Internet-based cognitive bias modification of interpretations in patients with anxiety disorders: A randomised controlled trial. *Journal of Behavior Therapy and Experimental Psychiatry*, *45*, 186-195.

64. Sevenster, D., Beckers, T. & **Kindt, M.** (2014). Fear conditioning of SCR but not the startle reflex requires conscious discrimination of threat and safety. *Frontiers in Behavioral Neuroscience*, *8*, article 32, 1-9.
65. Sevenster, D., Beckers, T., & **Kindt, M.** (2014). Prediction error demarcates the transition from retrieval, to reconsolidation, to new learning. *Learning and Memory*, *21*, 580-584.

### 2013

66. Arnaudova, I., Kryptos, A.-M., Effting, M., Boddez, Y., **Kindt, M.**, & Beckers, T. (2013). Individual differences in discriminatory fear learning under conditions of ambiguity: A vulnerability factor for anxiety disorders? *Frontiers in Psychology*, *4*, article 298, 1-9.
67. Ast, V.A. van, Cornelisse, S., Meeter, M., Joëls, M., & **Kindt, M.** (2013). Time-dependent effects of cortisol on the contextualization of emotional memories. *Biological Psychiatry*, *74*, 809-816.
68. Beckers, T., Kryptos, A.-M., Boddez, Y., Effting, M., & **Kindt, M.** (2013). What's wrong with fear conditioning. *Biological Psychology*, *92*, 90-96.
69. Bos, M.G.N., Jentgens, P., Beckers, T. & **Kindt, M.** (2013). Psychophysiological response patterns to affective film stimuli. *PLoS ONE*, *8*, e62661.
70. Cohn, M.D., Popma, A., Brink, W. van den, Pape, L.E., **Kindt, M.**, Domburgh, L. van, Doreleijers, T.A.H., & Veltman, D.J. (2013). Fear conditioning, persistence of disruptive behavior and psychopathic traits: An fMRI study. *Translational Psychiatry*, *3*, e319; doi:10.1038/tp.2013.89.
71. Effting, M, Vervliet, B., Beckers, T., & **Kindt, M.** (2013). Cued reacquisition trials during extinction weaken contextual renewal in human predictive learning. *Learning and Motivation*, *44*, 184-195.
72. Gazendam, F.J., Kamphuis, J.H., & **Kindt, M.** (2013). Deficient safety characterizes high trait anxious individuals. *Biological Psychology*, *92*, 342-352.
73. **Kindt, M.**, & Soeter, M. (2013). Reconsolidation in a human fear conditioning study: A test of extinction as updating mechanism. *Biological Psychology*, *92*, 43-50.
74. Sevenster, D., Beckers, T. & **Kindt, M.** (2013). Prediction error governs pharmacologically induced amnesia for learned fear. *Science*, *339*, 830-833.
75. Soeter, M., & **Kindt, M.** (2012). High trait anxiety: A challenge for disrupting fear memory reconsolidation. *PLoS ONE*, *8*, e75239.
76. Visser, R.M., Scholte, H.S., Beemsterboer, T., & **Kindt, M.** (2013). Neural pattern similarity predicts long-term fear memory. *Nature Neuroscience*, *16*, 388-390.

**2012**

77. Ast, V.A. van, Vervliet, B., & **Kindt, M.** (2012). Contextual control over expression of fear is affected by cortisol. *Frontiers in Behavioral Neuroscience*, *6*, article 67, 1-14.
78. Bos, M.G.N., Beckers, T., & **Kindt, M.** (2012). The effects of noradrenergic blockade on extinction in humans. *Biological Psychology*, *89*, 598-605.
79. Gazendam, F.J., & **Kindt, M.** (2012). Worrying affects associative fear learning: A startle fear conditioning study. *PLoS ONE*, *7*, e34882.
80. Sevenster, D., Beckers, T., & **Kindt, M.** (2012). Retrieval per se is not sufficient to trigger reconsolidation of human fear memory. *Neurobiology of Learning and Memory*, *97*, 338-345.
81. Sevenster, D., Beckers, T., & **Kindt, M.** (2012). Instructed extinction differentially affects the emotional and cognitive expression of associative fear memory. *Psychophysiology*, *49*, 1426-1435.
82. Soeter, M., & **Kindt, M.** (2012). Stimulation of the noradrenergic system during memory formation impairs extinction learning but not the disruption of reconsolidation. *Neuropsychopharmacology*, *37*, 1204-1215.
83. Soeter, M., & **Kindt, M.** (2012). Erasing fear for an imagined threat event. *Psychoneuroendocrinology*, *37*, 1769-1779.
84. Well, S. van, Visser, R.M., Scholte, H.S., & **Kindt, M.** (2012). Neural substrates of individual differences in human fear learning: Evidence from concurrent fMRI, fear-potentiated startle, and US-expectancy data. *Cognitive, Affective and Behavioural Neuroscience*, *12*, 499-512.

**2011**

85. Krugers, H.J., Zhou, M., Joëls, M., & **Kindt, M.** (2011). Regulation in excitatory synapses and fearful memories by stress hormones. *Frontiers in Behavioral Neuroscience*, *5*, article 62, 1-11.
86. Kryptos, A.-M., Jahfari, S., Ast, V. van, **Kindt, M.**, & Forstmann, B.U (2011). Individual differences in heart rate variability predict the degree of slowing during response inhibition and initiation in the presence of emotional stimuli. *Frontiers in Psychology*, *2*, article 278, 1-8.
87. Soeter, M., & **Kindt, M.** (2011) Disrupting reconsolidation: Pharmacological and behavioral manipulations. *Learning and Memory*, *18*, 357-366.
88. Soeter, M., & **Kindt, M.** (2011). Noradrenergic enhancement of associative fear memory in humans. *Neurobiology of Learning and Memory*, *96*, 263-271.
89. Visser, R.M, Scholte, H.S., & **Kindt, M.** (2011). Associative learning increases trial-by-trial similarity of BOLD-MRI patterns. *The Journal of Neuroscience*, *31*, 12021-12028.



90. Zhou, M., **Kindt, M.**, Joëls, M., & Krugers H.J. (2011). Blocking mineralocorticoid receptors prior to retrieval reduces contextual fear memory in mice. *PLoS ONE*, *6*, e26220.

## 2010

91. Effting, M., Vervliet, B., & **Kindt, M.** (2010). Retrospective reevaluation effects following serial compound training and target extinction. *Learning and Motivation*, *41*, 67-83.
92. Salemink, E., Hout, M., van den, & **Kindt, M.** (2010). Generalisation of modified interpretive bias across tasks and domains. *Cognition and Emotion*, *24*, 453-464.
93. Salemink, E., Hout, M., van den, & **Kindt, M.** (2010). How does cognitive bias modification affect anxiety? Mediation analyses and experimental data. *Behavioural and Cognitive Psychotherapy*, *38*, 59-66.
94. Soeter, M., & **Kindt, M.** (2010). Dissociating response systems: Erasing fear from memory. *Neurobiology of Learning and Memory*, *94*, 30-41.
95. Stegeren, A.H. van, Roozendaal, B., **Kindt, M.**, Wolf, O.T., van, & Joëls, M. (2010). Interacting noradrenergic and corticosteroid systems shift human brain activation patterns during encoding. *Neurobiology of Learning and Memory*, *93*, 56-65.
96. Vervliet, B., **Kindt, M.**, Vansteenwegen, D., & Hermans, D. (2010). Fear generalization in humans: Impact of verbal instructions. *Behaviour Research and Therapy*, *48*, 38-43.
97. Vervliet, B., **Kindt, M.**, Vansteenwegen, D., & Hermans, D. (2010). Fear generalization in humans: Impact of prior non-fearful experiences. *Behaviour Research and Therapy*, *48*, 1078-1084.

## 2009

98. Buck, N., **Kindt, M.** & Hout, M., van den (2009). The effects of conceptual processing versus suppression on analogue PTSD symptoms after a distressing film. *Behavioural and Cognitive Psychotherapy*, *37*, 195-206.
99. Karsdorp, P.A., **Kindt, M.**, Rietveld, S., Everaerd, W., & Mulder, B.J.M. (2009). False heart rate feedback and the perception of heart symptoms in patients with congenital heart disease and anxiety. *International Journal of Behavioral Medicine*, *16*, 81-88.
100. **Kindt, M.**, Soeter, M., & Vervliet, B. (2009). Beyond extinction: Erasing human fear responses and preventing the return of fear. *Nature Neuroscience*, *12*, 256-258.
101. Salemink, E., Hout, M. van den, & **Kindt, M.** (2009). Effects of positive interpretive bias modification in highly anxious individuals. *Journal of Anxiety Disorders*, *23*, 676-683.

**2008**

102. Buck, N., **Kindt, M.**, Arntz, A., Hout, M. van den, & Schouten, E. (2008) Psychometric properties of the Trauma Relevant Assumptions Scale. *Journal of Anxiety Disorders, 22*, 1496-1509.
103. Karsdorp, P.A., **Kindt, M.**, Rietveld, S., Everaerd, W., & Mulder, B.J.M. (2008). Interpretation bias for heart sensations in congenital heart disease and its relation to quality of life. *International Journal of Behavioral Medicine, 15*, 232-240.
104. **Kindt, M.**, Hout, M. van den, Arntz, A., & Drost, J. (2008). The influence of data-driven versus conceptually-driven processing on the development of PTSD-like symptoms. *Journal of Behavior Therapy and Experimental Psychiatry, 39*, 546-557.
105. Morren, M., Muris, P., **Kindt, M.**, Schouten, E., & Hout, M. van den (2008). Emotional reasoning and parent-based reasoning in normal children and their prospective relationships with anxiety symptoms. *Child Psychiatry and Human Development, 39*, 351-367.
106. Stegeren, A.H. van, Wolf, O.T., & **Kindt, M.** (2008). Salivary alpha amylase and cortisol responses to different stress tasks: Impact of sex. *International Journal of Psychophysiology, 69*, 33-40.

**2007**

107. Arntz, A., Tiesema, M., & **Kindt, M.** (2007). Treatment of PTSD: A comparison of imaginal exposure with and without imagery rescripting. *Journal of Behavior Therapy and Experimental Psychiatry, 38*, 345-370.
108. Effting, M., & **Kindt, M.** (2007). Contextual control of human fear associations in a renewal paradigm. *Behaviour Research and Therapy, 45*, 2002-2018.
109. Hout, M. van den, **Kindt, M.**, Luigjes, J., & Marck, C. (2007). Compulsive perseveration: Empirical criticism on the mood-as-input model. *Behaviour Research and Therapy, 45*, 1221-1230.
110. Karsdorp, P.A, Everaerd, W., **Kindt, M.**, & Mulder, B.J.M. (2007). Psychological and cognitive functioning in children and adolescents with congenital heart disease: A meta-analysis. *Journal of Pediatric Psychology, 32*, 527-541.
111. Karsdorp, P.A, **Kindt, M.**, Everaerd, W. & Mulder, B.J.M. (2007). Preattentive processing of heart cues and the perception of heart symptoms in congenital heart disease. *Behaviour Research and Therapy, 45*, 1893-1902.
112. Karsdorp, P.A., **Kindt, M.**, Rietveld, S., Everaerd, W., & Mulder, B.J.M. (2007). Stress-induced heart symptoms and perceptual biases in patients with congenital heart disease. *International Journal of Cardiology, 114*, 352-357.

113. **Kindt, M.**, Buck, N., Arntz, A., & Soeter, M. (2007). Perceptual and conceptual processing as predictors of treatment outcome in PTSD. *Journal of Behavior Therapy and Experimental Psychiatry*, 38, 491-506.
114. Salemink, E., Hout, M.A. van den, & **Kindt, M.** (2007). Selective attention and threat: Quick orienting versus slow disengagement and two versions of the dot probe task. *Behaviour Research and Therapy*, 45, 607-615.
115. Salemink, E., Hout, M. van den, & **Kindt, M.** (2007). Trained interpretive bias and anxiety. *Behaviour Research and Therapy*, 45, 329-340.
116. Salemink, E., Hout, M. van den, & **Kindt, M.** (2007). Trained interpretive bias: Validity and effects on anxiety. *Journal of Behavior Therapy and Experimental Psychiatry*, 38, 212-224.
117. Sieswerda, S., Arntz, A., & **Kindt, M.** (2007). Successful psychotherapy reduces hypervigilance in borderline personality disorder. *Behavioural and Cognitive Psychotherapy*, 35, 387-402.

## **2006**

118. Buck, N., **Kindt, M.**, Hout, M. van den, Steens, L., & Linders, C. (2006). Perceptual memory representations and memory fragmentation as predictors of post-trauma symptoms. *Behavioural and Cognitive Psychotherapy*, 35, 259-272.
119. Buck, N., **Kindt, M.** & Hout, M. van den (2006). Effects of state dissociation on objectively and subjectively assessed memory disturbances. *Behavioural and Cognitive Psychotherapy*, 34, 319-331.

## **2005**

120. Arntz, A., Groot, C. de, & **Kindt, M.** (2005). Emotional memory is perceptual. *Journal of Behavior Therapy and Experimental Psychiatry*, 36, 19-34.
121. Engelhard, I.M., & **Kindt, M.** (2005). Cognitive mechanisms and posttraumatic stress disorder: Clinical and analogue research. *Journal of Behavior Therapy and Experimental Psychiatry*, 36, 1-2 (Editorial).
122. **Kindt, M.**, Hout, M. van den, & Buck, N. (2005). Dissociation related to subjective memory fragmentation and intrusions but not to objective memory disturbances. *Journal of Behavior Therapy and Experimental Psychiatry*, 36, 43-59.
123. **Kindt, M.** & Engelhard, I.M. (2005). Trauma processing and the development of posttraumatic stress disorder. *Journal of Behavior Therapy and Experimental Psychiatry*, 36, 69-76.

**2004**

124. Hout, M. van den, & **Kindt, M.** (2004). Obsessive-compulsive disorder and the paradoxical effects of perseverative behaviour on experienced uncertainty. *Journal of Behavior Therapy and Experimental Psychiatry*, *35*, 165-181.
125. Morren, M., Muris, P., & **Kindt, M.** (2004). Emotional reasoning and parent-based reasoning in normal children. *Child Psychiatry and Human Development*, *35*, 3-20.

**2003**

126. Bögels, S.M., Snieder, N., & **Kindt, M.** (2003). Specificity of dysfunctional thinking in children with social anxiety, separation anxiety and generalised anxiety. *Behaviour Change*, *20*, 160-169.
127. Engelhard, I.M., Hout, M.A. van den, **Kindt, M.**, Arntz, A., & Schouten, E. (2003). Peritraumatic dissociation and posttraumatic stress after pregnancy loss: A prospective study. *Behaviour Research and Therapy*, *41*, 67-78.
128. Engelhard, I.M., Hout, M.A. van den, & **Kindt, M.** (2003). The relationship between neuroticism, pre-traumatic stress, and post-traumatic stress: A prospective study. *Personality and Individual Differences*, *35*, 381-388.
129. Hout, M. van den, & **Kindt, M.** (2003). Repeated checking causes memory distrust. *Behaviour Research and Therapy*, *41*, 301-316.
130. Hout, M. van den, & **Kindt, M.** (2003). Phenomenological validity of an OCD-memory model and the remember/know distinction. *Behaviour Research and Therapy*, *41*, 369-378.
131. **Kindt, M.**, & Hout, M. van den. (2003). Dissociation and memory fragmentation: Experimental effects on meta-memory but not on actual memory performance. *Behaviour Research and Therapy*, *41*, 167-178.
132. **Kindt, M.**, Bögels, S., & Morren, M. (2003). Processing bias in children with separation anxiety, social phobia and generalised anxiety disorder. *Behaviour Change*, *20*, 143-150.
133. Morren, M., **Kindt, M.**, Hout, M. van den, & Kasteren, H. van. (2003). Anxiety and the processing of threat in children: Further examination of the cognitive inhibition hypothesis. *Behaviour Change*, *20*, 131-142.

**2002**

134. Dols, M., Hout, M. van den, **Kindt, M.**, & Willems, B. (2002). The urge to smoke depends on the expectation of smoking. *Addiction*, *97*, 87-93.
135. Hout, M. van den, **Kindt, M.**, Weiland, T., & Peters, M. (2002). Instructed neutralization, spontaneous neutralization and prevented neutralization after an obsession-like thought. *Journal of Behavior Therapy and Experimental Psychiatry*, *33*, 177-189.

**2001**

136. Hout, M. van den, Muris, P., Salemink, E., & **Kindt, M.** (2001). Autobiographical memories become less vivid and emotional after rapid eye movements. *British Journal of Clinical Psychology, 40*, 121-130.
137. Jong, P.J. de, Pasman, W., **Kindt, M.**, Hout, M.A. van den (2001). A reaction time paradigm to assess (implicit) complaint-specific dysfunctional beliefs. *Behaviour Research and Therapy, 39*, 101-113.
138. **Kindt, M.**, & Hout, M. van den (2001). Selective attention and anxiety: A perspective on developmental issues and the causal status. *Journal of Psychopathology and Behavioral Assessment, 23*, 193-202.
139. Muris, P., Merckelbach, H., **Kindt, M.**, Bögels, S., Dreessen, L., Dorp, C. van, Habets, A., Rosmuller, S., & Snieder, N. (2001). The utility of Screen for Child Anxiety Related Emotional Disorders (SCARED) as a tool for identifying children at high risk for prevalent anxiety disorders. *Anxiety, Stress, and Coping, 14*, 265-283.

**2000**

140. Hout, M.A. van den, Jong, P. de, & **Kindt, M.** (2000). Masked fear words produce increased SCRs: An anomaly for Öhman's theory of pre-attentive processing in anxiety. *Psychophysiology, 37*, 283-288.
141. **Kindt, M.**, & Hout, M. van den, Jong, P. de, & Hoekzema, B. (2000). Cognitive bias for pictorial and linguistic threat cues in children. *Journal of Psychopathology and Behavioral Assessment, 22*, 201-219.
142. Muris, P., **Kindt, M.**, Bögels, S., Merckelbach, H., Gadet, B., & Moulart, V. (2000). Anxiety and threat perception abnormalities in normal children. *Journal of Psychopathology and Behavioral Assessment, 22*, 183-199.

**1999**

143. Brosschot, J.F., Ruiter, C. de, & **Kindt, M.** (1999). Recall and recognition of threatening, pleasant, and neutral words in repressors. *European Journal of Personality, 13*, 1-14.
144. Brosschot, J.F., Ruiter, C. de, & **Kindt, M.** (1999) Processing bias in anxious subjects and repressors, measured by emotional Stroop interference and attentional allocation. *Personality and Individual Differences, 26*, 777-793.
145. **Kindt, M.**, Brosschot, J.F., & Boiten, F. (1999). High-level cognition in phobics: Abstract anticipatory memory is associated with the attenuation of physiological reactivity to threat. *Journal of Anxiety Disorders, 13*, 473-489.

146. **Kindt, M.**, & Brosschot, J.F. (1999). Cognitive bias in spider-phobic children: Comparison of a Pictorial and a Linguistic Spider Stroop. *Journal of Psychopathology and Behavioral Assessment*, *21*, 207-220.

#### **1998**

147. **Kindt, M.**, (1998). Cognitive inhibition in phobia. *British Journal of Clinical Psychology*, *37*, 103-106.
148. **Kindt, M.**, & Brosschot, J.F. (1998). Cognitive avoidance in phobia. *Journal of Psychopathology and Behavioral Assessment*, *20*, 43-55.
149. **Kindt, M.**, & Brosschot, J.F. (1998). Stability of cognitive bias for threat cues in phobia. *Journal of Psychopathology and Behavioral Assessment*, *20*, 351-367.
150. Jong, P.J. de, Merckelbach, H., Bögels, S., & **Kindt, M.** (1998). Illusory correlation and social anxiety. *Behaviour Research and Therapy*, *36*, 1063-1073.

#### **1997**

151. **Kindt, M.**, Brosschot, J.F., & Everaerd, W. (1997). Cognitive processing bias of children in a real life stress situation and a neutral situation. *Journal of Experimental Child Psychology*, *64*, 79-97.
152. **Kindt, M.**, Bierman, D. & Brosschot, J.F. (1997). Cognitive bias in spider fear and control children: Assessment of emotional interference by a card format and a single-trial format of the Stroop task. *Journal of Experimental Child Psychology*, *66*, 163-179.
153. **Kindt, M.**, & Brosschot, J.F. (1997). Phobia-related cognitive bias for pictorial and linguistic stimuli. *Journal of Abnormal Psychology*, *106*, 644-648.

#### **1996**

154. **Kindt, M.**, Brosschot, J.F., & Muris, P. (1996). Spider Phobia Questionnaire for children (SPQ-C): A psychometric study and normative data. *Behaviour Research and Therapy*, *34*, 277-282.
155. **Kindt, M.**, Bierman, D. & Brosschot, J.F. (1996). Stroop versus Stroop: Comparison of a card format and a single-trial format of the standard color-word Stroop task and the emotional Stroop task. *Personality and Individual Differences*, *21*, 653-661.

#### **1995**

156. Hout, M. van den, Tenney, N., Huygens, K., Merckelbach, H., & **Kindt, M.** (1995). Responding to subliminal threat cues is related to trait anxiety and emotional vulnerability: A successful replication of MacLeod and Hagan (1992). *Behaviour Research and Therapy*, *33*, 451-454.

**1994**

157. Goozen, S.H.M. van, Frijda, N.H., **Kindt, M.**, & Poll, N.E. van de (1994). Anger proneness in women: Development and validation of the Anger Situation Questionnaire. *Aggressive Behavior, 20*, 79-100.
158. Muris, P., Zuuren, F.J. van, & **Kindt, M.** (1994). Monitoring coping style, fear of AIDS, and attitudes towards AIDS prevention. *Social Behavior and Personality, 22*, 137-144.
159. Muris, P., Zuuren, F.J. van, Merckelbach, H., Stoffels, E.-J. , & **Kindt, M.** (1994). Coping with an ego-threat: Monitoring and blunting during an intelligence test. *European Journal of Personality, 8*, 213-221.

**National (Refereed) Articles:**

1. **Kindt, M.** (2013). Wissen van Angstreacties: Nieuwe inzichten in de plasticiteit van angstgeheugen. *Nederlands Tijdschrift voor Psychiatrie*. Rubriek Nederlands Vlaams Toponderzoek.
2. **Kindt, M.** (2007). Van scholenstrijd naar techniekenstrijd. En waar blijft de ideeënstrijd? *De Psycholoog, mei nr.*, 304-306.
3. **Kindt, M.**, & Hout, M., van den (2005). Dissociatie en geheugen fragmentatie. *Directieve Therapie, 25*, 51-68.
4. Hout, M., & **Kindt, M.** (2003). Waarom herhaald controleren twijfel aan het geheugen niet wegneemt maar vergroot. *Directieve Therapie, 23*, 146-161.
5. Hout, M. A., van den, **Kindt, M.**, Muris, P. (2002). Over Freud, Calimero en vreemde oogbewegingen. Een reactie op Ad de Jongh en Erik ten Broeke. *Directieve Therapie, 22*, 224-229.
6. Hout, M. van den, Engelhard, I., & **Kindt, M.** (2001). Zwangerschapsverlies, zenuwachtigheid en posttraumatische stress-problemen, *Directieve therapie, 21*, 3-14.
7. Hout, M., **Kindt, M.**, Muris, P. & Salemink, E. (2001). Vreemde oogbewegingen maken herinneringen minder levendig en minder emotioneel. *Directieve therapie, 21*, 257-269.
8. **Kindt, M.**, & Hout, M., van den (1999). Angst en selectieve aandacht voor bedreigende informatie. *Nederlands Tijdschrift voor Psychologie, 54*, 63-73.

**Books or Contributions to Books:**

1. Geven, L. M., Ben-Shakhar, G., **Kindt, M.**, & Verschuere, B. (2019). Memory Detection: Past, Present, and Future. In *The Palgrave Handbook of Deceptive Communication* (pp. 367-383). Palgrave Macmillan, Cham.

2. Raes, F., **Kindt, M.**, & Arntz, A. (2011). Cognitieve verwerking en psychopathologie: theorie en onderzoek. In S. Bögels en P. van Oppen (Eds.). *Cognitieve therapie: theorie en praktijk* (pp. 3-29). Bohn Stafleu Van Loghum.
3. Engelhard, I., Arntz, A., & **Kindt, M.** (2011). Cognitieve therapie bij posttraumatische stressstoornis. In S. Bögels en P. van Oppen (Eds.). *Cognitieve therapie: theorie en praktijk* (pp. 289-319). Bohn Stafleu Van Loghum.
4. **Kindt, M.**, & Lazeron, N. (2010). Leren en Stress, in Brein@work. In N. Lazeron & R. van Dinteren (pp.155-160). Springer Uitgeverij BV, Houten.
5. Nightingale, Z. C., Field, A. P., & **Kindt, M.** (2010). The Emotional Stroop task in anxious children. In J. Hadwin and A. Field (Eds.). *Information Processing Biases and Anxiety: A Developmental Perspective*. Wiley-Blackwell.
6. Jong, P., de, **Kindt, M.**, & Roefs, A. (2006). Relevance of Research on Experimental Psychopathology to Substance Misuse. In R. W. Wiers & A.W. Stacy (Eds.). *Handbook of Implicit Cognition and Addiction* (pp. 425-437). Sage Publications.
7. **Kindt, M.**, & Arntz, A. (2003). Cognitieve Gedragstherapie bij seksueel misbruik. In N. Nicolai (Ed). *Handboek psychotherapie na seksueel misbruik* (pp. 125-160). De Tijdstroom.
8. **Kindt, M.**, & Hovens, H. (2001). Posttraumatische stressstoornis. In R. van Dyck, A. J. L. M. van Balkom & P. van Oppen (Eds.). *Behandelingsstrategieën bij angststoornissen* (pp. 100-117). Bohn Stafleu van Loghum.
9. **Kindt, M.**, & Arntz, A. (1999). Cognitieve verwerking en psychopathologie: theorie en onderzoek. In S. Bögels en P. van Oppen (Eds.). *Cognitieve therapie: theorie en praktijk* (pp. 1-24). Bohn Stafleu Van Loghum.
10. **Kindt, M.**, & Arntz, A. (1999). Cognitieve therapie bij posttraumatische stress stoornis. In S. Bögels en P. van Oppen (Eds.). *Cognitieve therapie: theorie en praktijk* (pp. 191-217). Bohn Stafleu van Loghum.
11. **Kindt, M.** (1992). Neuropsicologia delle emozioni. In S. Della Sala & M. Laiacina (Eds.), *Laboratorio di Neuropsicologia*. La Goliardica Pavese, 211-225.

#### Invited Lectures/ Keynotes

1. **Kindt, M.** (2019). Harnessing reconsolidation in the treatment of emotional memory disorders: Lessons from basic science. EPFL Neurosymposium, Lausanne, November 25-26, Switzerland.
2. **Kindt, M.** (2019). Over de plasticiteit van het angstgeheugen. LIBC Publieksdag, Leiden, October 11, Nederland.
3. **Kindt, M.** (2019). Beyond CBT: The Primacy of Emotional Change. WCBCT, Berlin, July 17-20, Germany.



4. **Kindt, M. (2017).** The surprising subtleties of changing emotional memories, NVP Wintercongres, Egmond, December 14-16, The Netherlands.
5. **Kindt, M. (2017).** Manipulating emotional memory through reconsolidation: from neural to clinical science. EBBS, Bilbao, September 8 -11, Spain.
6. **Kindt, M. (2017).** Of mice and mental health: facilitating dialogue between basic and clinical neuroscientists. Royal Society Meeting, London, April 24-25, United Kingdom.
7. **Kindt, M. (2017).** The offline brain: understanding memory consolidation and reconsolidation, Royal Society Meeting, London, January 30-31, United Kingdom.
8. **Kindt, M. (2016).** In search for therapeutic forgetting. Keynote at the Annual BABCP Conference, Belfast, June 15-17, Ireland.
9. **Kindt, M. (2016).** Emotional Memory. Keynote at the ECNP - From Neuroscience to evidence based psychological treatments – The promise and the challenge, Nice, March 21-22, France.
10. **Kindt, M. (2015).** Memory Reconsolidation and Erasure. Annual Winter Conference on Neural Plasticity, Bridgetown, February 7-14, Barbados.
11. **Kindt, M. (2015).** Targeting fear memory: a window of opportunity. BNA Festival of neuroscience, Edinburgh, April 12-15, United Kingdom.
12. **Kindt, M. (2014).** The neuroscience of fear memory. Molecular Frontiers. Stockholm, Sweden invited by Bengt Norden, Chair of Nobel Prize committee of Chemistry, The Royal Swedish Academy of Sciences, Stockholm, May 20-21, Sweden.
13. **Kindt, M. (2013).** Forgetting fears: A translational approach to advance treatment for anxiety disorders. Keynote at the EABCT Annual Congress, Marrakech, September 25-28, Morocco.
14. **Kindt, M. (2013).** Translational research to advance treatment for anxiety disorders. Keynote at the Annual Conference Fear, Anxiety and Anxiety Disorders, Hamburg, October 11-13, Germany. Invited by Dr. Hans Büchel.
15. **Kindt, M. (2013).** In staat van Angst, De Veerstichting, Leiden University.
16. **Kindt, M. (2012).** De cognitieve gedragstherapie van de toekomst ontstaat in het lab. Keynote, Najaarsconferentie van de VGcT, Veldhoven, November 7-9, The Netherlands.
17. **Kindt, M. (2011).** Noradrenergic Modulation of fear memory in humans. Neuroethics of Memory, SUNY DownState Medical Centre, December 9, 2011, New York, USA. Invited by Dr. Todd Sacktor.
18. **Kindt, M. (2011).** Angst, een (on)uitwisbare indruk. Universiteitsdag, May 28 2011, Universiteit van Amsterdam.
19. **Kindt, M. (2011).** Plasticity of fear memory: Translational research. Conference organized by the international inter-university research school Experimental Psychopathology, April 1, 2011, Utrecht, The Netherlands.

20. **Kindt, M. (2011).** PTSD: Behandeling. Studiedag: Op weg naar nieuw denken en handelen in de GGZ, Feb. 8, Ede, The Netherlands.
21. **Kindt, M. (2010).** Erasing fear from memory: Translational research. International Society for Traumatic Stress Studies, Nov. 2-4, Montreal, Canada. Invited by Drs. Alain Brunet and Roger Pitman.
22. **Kindt, M. (2010).** Kunnen we angstige herinneringen wissen? Publieksdag Hersenstichting, October 14, Utrecht, The Netherlands.
23. **Kindt, M. (2010).** Fear memory and extinction: Clinical and therapeutic aspects. 23rd European College of Neuropsychopharmacology Congress, Aug. 28-Sept. 1, Amsterdam, The Netherlands.
24. **Kindt, M. (2010).** Beyond extinction of traumatic memories. Symposium Stress & PTSD: Battlefield of reason and emotion, Sept. 1, Oegstgeest, The Netherlands.
25. **Kindt, M. (2010).** Deconstructing fear memory: Extinction and reconsolidation. Paper will be presented at the Symposium: Mysteries and Marvels of Memory at NYU, March 26-28, New York, USA. Invited by Dr. Joe LeDoux.
26. **Kindt, M. (2009).** Reconsolidation versus Extinction: in search for boundary conditions. Paper presented at the annual meeting of the Pavlovian Society, October 29-31, Burlington, USA. Invited by Dr. Mark Bouton.
27. **Kindt, M. (2009).** Erasing the emotion of fearful memories. Seminar at Leiden University, 23 April, The Netherlands.
28. **Kindt, M. (2009).** Erasing the emotion of fearful memories. Symposium CSCA, University of Amsterdam, April 8, Amsterdam, The Netherlands.
29. **Kindt, M. (2009).** Is it possible to achieve long-term reduction of undesired emotion? Seminar Psychiatry at the University of Groningen, April 2, The Netherlands.
30. **Kindt, M. (2009).** Talent aantrekken en vasthouden. Conferentie Succesvolle Onderzoeksgroepen, Stichting SoFoKleS, March 9, Rotterdam, The Netherlands.
31. **Kindt, M. (2009).** Mechanisms of change in anxiety: Beyond extinction. Symposium organized by the Dutch-Flemish Postgraduate School Experimental Psychopathology. Mechanisms of Therapeutic Change in the Emotional Disorders, February 12-13, Vught, The Netherlands.
32. **Kindt, M. (2009).** De stelling van Merel Kindt: Het wissen van emotioneel geheugen is noodzakelijk voor een permanent effect van therapie, University of Amsterdam, January 26, Amsterdam, The Netherlands.
33. **Kindt, M. (2007).** Opening Academic Year 2007-2008 of the University of Amsterdam, September 3, Amsterdam, The Netherlands.

34. **Kindt, M. (2007).** The plasticity of emotional memory. Paper presented at the Symposium The (in)flexibility of human nature, organized on behalf of 100 year psychology at the University of Amsterdam, November 8-9, Amsterdam, The Netherlands.
35. **Kindt, M. (2007).** Asymmetry between the rise and fall of emotions. Symposium on Emotion and Passion, June 8, Amsterdam, The Netherlands.
36. **Kindt, M. (2007).** Anxiety disorders: Impaired fear inhibition or increased fear acquisition? Second Special Interest meeting on Fear and Learning, May 23-25, Leuven, Belgium.
37. **Kindt, M. (2007).** Van scholenstrijd naar techniekenstrijd: en waar blijft de ideeënstrijd? Symposium on behalf of the inaugural lecture of Prof. Dr. R. Kleber from Utrecht University, Februari 9, Utrecht, The Netherlands.
38. **Kindt, M. (2006).** Temperamental vulnerabilities and fear inhibition in children. Child Anxiety: Theory and Treatment Seminar. Sussex, United Kingdom.
39. **Kindt, M. (2005).** Trauma Processing and PTSD. War Trauma Foundation, Den-Haag, The Netherlands.
40. **Kindt, M. (2004).** Trauma processing and Posttraumatic Stress Disorder. Keynote, Najaarsconferentie van de VGCT, Veldhoven, The Netherlands.
41. **Kindt, M. (2003).** Experimental Psychopathology. NIP Conference, Den Haag, The Netherlands.
42. **Kindt, M. (2003).** Workshop on Dissociation, Trauma and PTSD. Post-doctoral education of Cognitive Behavioural Therapists. Verona, Italy.
43. **Kindt, M. (2002).** Workshop on Memory and Trauma. Post-doctoral education of Cognitive Behavioural Therapists. Rome, Italy.

**> 100 presentations at (inter)national conferences.**