

Brief CV: Thomas Ritz, Ph.D., Professor of Psychology, Southern Methodist University
Department of Psychology, 6116 N. Central Expressway, Suite 1160, Dallas, TX 75206

Education and Training

1992 Diploma (equivalent to M.A.) in Clinical Psychology, University of Hamburg, Germany
1996 Ph.D. in Clinical Psychology, University of Hamburg, Germany
1997-2002 Post-doctoral Fellowships in Clinical and Health Psychology, University of London, St. George's Hospital Medical School (UK) and Stanford University Medical School (USA)
2002-2005 Habilitation and 'Venia legendi' certificate to teach, received for all subdisciplines of psychology, University of Hamburg, Germany (equivalent to tenure-track evaluation)

Recent Positions and Employment

2005- Associate Professor of Psychology, Southern Methodist University, Dallas, TX
2010- Professor of Psychology, Southern Methodist University, Dallas, TX

Recent Major Activities in the Scientific Community

2010- Editorial Board, *Behavior Therapy*, *IRSN Allergy*, *Frontiers in Respiratory Physiology*
2008-2010 Guest Editor *Biological Psychology*, *International Journal of Psychophysiology*
2013-2017 Associate Editor, *Behavior Therapy*
2013- Associate Editor, *Biological Psychology*
2015-2016 Program Chair, International Society of the Advancement of Respiratory Psychophysiology
2020- Incoming Editor-in-Chief, *Biological Psychology*

Honors and Awards

2002 Levinson Fellowship, Stanford University School of Medicine
2003 Distinguished Scientific Award for an Early Career Contribution to Psychophysiology, Society for Psychophysiological Research
2003-2004 President of the International Society for the Advancement of Respiratory Psychophysiology
2011 Psychiatric Research Society, Invited Member
2013 Senior Research Fellowship, Catholic University of Leuven, Belgium
2013 Gerald E. Ford Senior Research Fellowship, Southern Methodist University, Dallas, TX
2014 Dean's Research Council Award, Southern Methodist University, Dallas, TX

Selected Recent Publications in Peer-Reviewed Journals (from a total of 131)

1. Ritz, T., Kroll, J.L., Patel, S.V., Chen, J.R., Khan, D.A., Pinkham, A.E., Yezhuvath, U., Aslan, S. & Brown, E.S. (2019). Central nervous system signatures of affect in asthma: Associations with emotion-induced bronchoconstriction, airway inflammation, and asthma control. *Journal of Applied Physiology*, 126, 1725-1736.
2. Ritz, T., Kroll, J.L., Aslan, S., Janssens, T., Khan, D.A., Pinkham, A.E., & Brown, E.S. (2019). Subcortical gray matter volumes in asthma: Associations with asthma duration, control, and anxiety. *Brain Imaging and Behavior*. Sep 5 [Epub Ahead of print].
3. Ritz, T., Werchan, C.A., Kroll, J.L., & Rosenfield, D. (2019). Beetroot juice supplementation for the prevention of cold symptoms associated with stress: A proof-of-concept study. *Physiology & Behavior*, 202, 45-51.
4. Kroll, J.L., Steele, A.M., Pinkham, A.E., Choi, C., Khan, D.A., Patel, S.V., Chen, J.A., Aslan, S., Brown, E.S., & Ritz, T. (2018). Hippocampal metabolites in asthma and their implications for cognitive function. *NeuroImage: Clinical*, 19, 2013-2021.
5. Ritz, T., Rosenfield, D., St. Laurent, C.D., Werchan, C.A., Trueba, A.F., Vogel, P.D., Auchus, R.J. & Befus, A.D. (2017). A Novel Biomarker Associated with Distress in Humans - Calcium Binding Protein, Spermatid Specific 1 (CABS1). *American Journal of Physiology - Regulatory, Integrative and Comparative Physiology*, 312, R1004-R1016.
6. Ritz, T., Wittchen, H.U., Klotsche, J., Mühlig, S., Riedel, O. & sap-NEEDs study group. (2016). Asthma trigger reports are associated with low quality of life, exacerbations, and emergency treatments. *Ann Am Thorac Soc*, 13, 204-211.
7. Ritz, T., Trueba, A.F., Liu, J., Auchus, R.J. & Rosenfield, D. (2015). Exhaled nitric oxide decreases during academic examination stress in asthma. *Annals of the American Thoracic Society*, 12, 1638-1645.
8. Ritz, T., Trueba, A.F., Simon, E., & Auchus, R.J. (2014). Increases in exhaled nitric oxide after acute stress: Association with measures of negative affect and depressive mood. *Psychosomatic Medicine*, 76, 716-725.
9. Ritz, T., & Trueba, A.F. (2014). Airway nitric oxide and psychological processes in asthma and health: A review. *Annals of Allergy, Asthma, and Immunology*, 112, 302-308.
10. Trueba, A.F. & Ritz, T. (2013). Stress, asthma, and respiratory infections: Pathways involving airway immunology and microbial endocrinology. *Brain, Behavior, and Immunity*, 29, 11-27.

Most Recent Research Support

P01 HL137630 Co-I, PI for SMU subcontract (overall PIs: Levine; Babb) 02/2019-01/2024

National Institute of Heart Lung and Blood/National Institutes of Health

Title: *Mechanisms of Exercise Intolerance in Heart Failure with Preserved Ejection Fraction: Precision Therapy Based on Patient Pathophysiology*

R01 HL142775 Ritz (PIs: T. Ritz, E.S. Brown) 07/2018-06/2022

National Institute of Heart Lung and Blood/National Institutes of Health

Title: *The Dallas Asthma Brain and Cognition Study (Dallas ABC Study)*

1R61 MH115138-01 Ritz (PIs: M. Craske, A.E. Meuret, T. Ritz) 07/2018-06/2023

National Institute of Mental Health/National Institutes of Health

Title: *Reward Sensitivity as a Mechanism of Positive Affect Treatment for Anhedonia*

1U01EB021952-01 Ritz (PIs: Y. Kostov, A.E. Meuret, G. Rao) 09/2015-08/2019, no cost ext. to 6/2020

National Institute of Biomedical Imaging and Bioengineering /National Institutes of Health

Title: *A wearable asthma trigger monitoring system with integrated physiological monitor.*