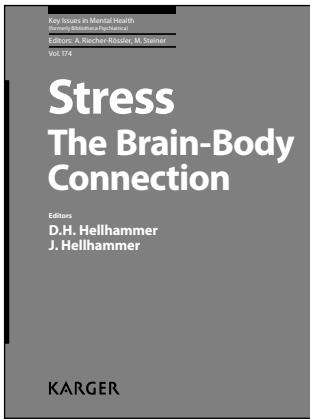


How to translate neurobiological knowledge from bench to bedside

Psychiatry, Psychology, Neurobiology, Neuroendocrinology



Stress

The Brain-Body Connection

Editors
Dirk H. Hellhammer
Juliane Hellhammer

The prevention, diagnosis and treatment of stress-related disorders are major challenges across medical disciplines. Reasons include a missing covariance between the psychological and physiological stress response and a tremendous intra-individual complexity of disease-related factors, resulting in a broad inter-individual heterogeneity of pathogenetic mechanisms. This book introduces 'Neuropattern', a new concept that attempts to assess the activity of neuroendocrine interfaces participating in the communication between the brain and the body during stress. This approach allows close examination of the causal mechanisms behind stress-related disturbances and diseases, thus enabling individualized preventive and therapeutic interventions.

This publication provides clinicians, researchers and students from the fields of psychiatry, psychology, neurobiology and psychoendocrinology with an excellent overview of how knowledge from basic psychobiological research can be translated for the benefit of their patients.

Tentative Contents

- Foreword
- Neurobehavioral Medicine and Stress-Related Disorders: **Hellhammer, D.H.; Hellhammer, J.**
- Neuropattern – A Step towards Neurobehavioral Medicine: **Hellhammer, D.H.; Hellhammer, J.**
- Principles of the Crosstalk between the Brain and Body – Glandotropy, Ergotropy, and Trophotropy: **Hellhammer, D.H.**
- Hypercortisolemic Disorders: **Pütz, P.**
- Hypocortisolemic Disorders: **Fries, E.**
- Noradrenergic and Sympathetic Disorders: **Klingmann, P.O.; Hellhammer, D.H.**
- Serotonergic and Parasympathetic Disorders: **Hellhammer, D.H.; Klingmann, P.O.**

www.karger.com/kismh

K107438

Key Issues in Mental Health, Vol. 174
(Formerly published as 'Bibliotheca Psychiatrica')
Series Editors: Riecher-Rössler, A. (Basel);
Steiner, M. (Hamilton, Ont.)
ISSN 1662-4874
ISSN Online 1662-4882

Stress – The Brain-Body Connection
Editors: Hellhammer, D.H.; Hellhammer, J. (Trier)
VIII + 108 p., 3 fig., hard cover, 2008
CHF 42.– / EUR 30.– / USD 42.00
Prices subject to change
EUR price for Germany, USD price for USA only
ISBN 978-3-8055-8295-7
e-ISBN 978-3-8055-7969-8

➔ **Please send:** _____ copy/ies
Postage and handling free with prepayment

Payment:
Please charge to my credit card
 American Express Diners Eurocard
 MasterCard Visa

Card No.: _____

Exp. date: _____

CVV/CVC _____
(3 digits in the signature field on the back of VISA and Mastercard)

Check enclosed Please bill me

Orders may be placed with any bookshop, subscription agency, directly with the publisher or through a Karger distributor.

Fax: +41 61 306 12 34

S. Karger AG, P.O. Box, CH-4009 Basel (Switzerland)
E-Mail orders@karger.ch, www.karger.com

Name/Address: _____

Date: _____

Signature: _____

KARGER