Psychosomatic medicine may be considered to be one of the leading approaches to treating comorbid disorders and conditions. The chapters of this volume are written by experts in the field and present the newest developments in psychosomatic medicine, from basic science to clinical approaches and novel treatments. Discussed are communications with patients suffering from serious illness, basic science and management of fibromyalgia and chronic fatigue. Further psychiatric symptomatology in Huntington’s disease and its management as well as coping with losses, grief and mourning in prostate cancer are reviewed. Psychocutaneous diseases, the role of telomeres in stress and mental illness, dimensional psychopharmacology in somatizing patients and many other clinically important areas are also covered. Papers in this publication offer new information on the advances of contemporary psychosomatic medicine in variety of areas previously not sufficiently covered and are of valuable reading for psychiatrists, psychologists, internists, oncologists and primary care specialists.
Contents

See the journal website for contents
The concept of the self has recently gained increasing attention in psychopathology for mainly two reasons: firstly, major mental disorders such as schizophrenia have been related to disturbances on a pre-reflective or basic level of self-awareness which has largely escaped the present criteriological diagnostic systems; secondly, the level of the social or narrative self, including aspects such as social identity, self-concept, self-image and self-esteem, is key to understanding a variety of disorders such as depression, obsessive-compulsive disorder, social phobia or borderline personality disorder. Moreover, the concept is suitable for integrating our attempts at describing the lived experience of mental illness which in the analysis always affects the patients in their self-awareness and self-relation.

This special topic issue of *Psychopathology* brings together 10 papers from psychodynamic, cognitive-behavioral, phenomenological, neurocognitive and nosological perspectives that advance the understanding of the role of the self in conceptualization, diagnosis and treatment of psychopathology.

**Contents**

**Introduction**
- The Self in Psychopathology: Kyrios, M.; Nelson, B; Ahern, C.; Fuchs, T.; Parnas, J.

**Original Papers**
- The Self beyond Somatic Symptoms: A Narrative Approach to Self-Experience in Adolescent Chronic Fatigue Syndrome: van Geelen, S.M.; Fuchs, C.E.; van Geel, R.; Luyten, P.; van de Putte, E.M.
- Self-Based Concepts and Obsessive-Compulsive Phenomena: Ahern, C.; Kyrios, M.; Moulding, R.
- Self-Disorders, Neurocognition and Rationality in Schizophrenia: A Preliminary Study: Nordgaard, J.; Revsbech, R.; Henriksen, M.G.
- Anomalies of Imagination and Disordered Self in Schizophrenia Spectrum Disorders: Rasmussen, A.R.; Parnas, J.
- From Self-Disorders to Ego Disorders: Fuchs, T.
- Self-Disorders: Clinical and Conceptual Implications for the Diagnostic Concept of Schizophrenia: Parnas, J.; Jansson, L.B.
- The ’Self’ and Borderline Personality Disorder: Conceptual and Clinical Considerations: Kerr, I.B.; Finlayson-Short, L.; McCutcheon, L.K.; Beard, H.; Chanen, A.M.

Author Index/Subject Index
This book offers a series of authoritative reviews on pain in psychiatric disorders written by leading experts. They discuss the complex interplay between pain and psychiatric disorders such as anxiety, depression and borderline personality disorder, as well as neurosteroids, epigenetic mechanisms and TRPV1, with a strong focus on neurobiological mechanisms and current and future therapeutic targets. Special attention is given to the importance of inflammation and the immune system as a common substrate in both pain and psychiatric disorders.

The state-of-the-art reviews present both preclinical and clinical research, providing the reader with sound knowledge that provides a basis for further research and clinical practice. Pain in Psychiatric Disorders is of special interest to psychiatrists, neurologists, neuroscientists, pharmacologists and other healthcare professionals treating pain in psychiatric patients, as well as research students with an interest in this field.

Contents

Preface: Finn, D.P.; Leonard, B.E.

• Animal Models for the Study of Comorbid Pain and Psychiatric Disorders: Leite-Almeida, H.; Pinto-Ribeiro, F.; Almeida, A.

• Pain, Depression and Inflammation: Are Interconnected Causative Factors Involved?: Leonard, B.E.

• Neuroinflammatory Mechanisms Linking Pain and Depression: Burke, N.N.; Finn, D.P.; Roche, M.

• Cytokines in Neuropathic Pain and Associated Depression: Lees, J.G.; Fivelman, B.; Duffy, S.S.; Makker, P.G.S.; Perera, C.J.; Moalem-Taylor, G.


• Supraspinal Transient Receptor Potential Subfamily V Member 1 (TRPV1) in Pain and Psychiatric Disorders: Madasu, M.K.; Roche, M.; Finn, D.P.

• Involvement of Neuroactive Steroids in Pain, Depression and Anxiety: Mifflin, K.; Benson, C.; Kerr, B.; Aricioglu, F.; Cetin, M.; Dursun, S.; Baker, G.

• Visceral Pain and Psychiatric Disorders: Felice, V.D.; Moloney, R.D.; Cryan, J.F.; Dinan, T.G.; O'Mahony, S.

• Genetic and Epigenetic Mechanisms Linking Pain and Psychiatric Disorders: Swiergiel, A.H.; Juszczak, G.R.; Stankiewicz, A.M.

• Emotional and Cognitive Influences on Pain Experience: Peters, M.L.

• Generalized Anxiety Disorder and Pain: Bandelow, B.

• Pain in Borderline Personality Disorder: Schmahl, C.; Baumgartner, U.

Author Index / Subject Index

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Psychopathology is a record of research centered on findings, concepts, and diagnostic categories of phenomenological, experimental and clinical psychopathology. Studies published are designed to improve and deepen the knowledge and understanding of the pathogenesis and nature of psychopathological symptoms and psychological dysfunctions. Furthermore, the validity of concepts applied in the neurosciences of mental functions are evaluated in order to closely bring together the mind and the brain. Major topics of the journal are trajectories between biological processes and psychological dysfunctions that can help us better understand a subject's inner experiences and interpersonal behavior. Descriptive psychopathology, experimental psychopathology and neuropsychology, developmental psychopathology, transcultural psychiatry as well as philosophy-based phenomenology contribute to this field.

Selected contributions
- Is Feeling Extraneous from One’s Own Body a Core Vulnerability Feature in Eating Disorders? Stanghellini, G. (Chieti/Santiago); Trisolini, F. (Chieti); Castellini, G. (Florence); Ambrosini, A. (Chieti); Faravelli, C.; Ricca, V. (Florence)
- From Theory to Clinical Practice: A Phenomenologically Inspired Intervention for Patients with Schizophrenia: Nischk, D. (Rechenau); Dölker, C. (Zürich); Rusch, J. (Rechenau); Merz, P. (Freiburg)
- Psychopathology of the Bodily Self and the Brain: The Case of Schizophrenia: Gallese, V.; Ferré, F. (Ottawa, Ont.)
- Mirroring the Self: Testing Neurophysiological Correlates of Disturbed Self-Experience in Schizophrenia Spectrum: Sestito, M. (Parma/Bron); Raballo, A. (Reggio Emilia/Copenhagen); Umlita, M.A.; Leuci, E.; Tonna, M.; Fortunati, R.; De Paola, G. (Parma); Amore, M.; (Gerona); Maggini, C.; Gallese, V. (Parma)
- Mentalizing Functions Provide a Conceptual Link of Brain Function and Social Cognition in Major Mental Disorders: Schnell, K. (Heidelberg)
- Affective State and Voice: Cross-Cultural Assessment of Speaking Behavior and Voice Sound Characteristics – a Normative Multicenter Study of 577 + 36 Healthy Subjects: Braun, S. (Zürich); Botella, C. (Castellon); Bridler, R. (Zürich); Chmetz, F. (Lausanne); Delfino, J.P. (Zürich); Herzig, D. (Lausanne); Kluckner, V.S. (Zürich); Mohe, C. (Lausanne); Moragrega, I. (Castellon); Schrag, Y. (Lausanne); Seifritz, E. (Zürich); Soler, C. (Castellon); Stassen, H.H. (Zürich)
- A Qualitative Study of the Prodrome to First-Episode Major Depressive Disorder in Adolescents: Syed Sheriff, R.J.; McGorry, P.D.; Cotton, S.; Yung, A.R. (Melbourne, Vic.)
Quantitative Electroencephalography

Editors
Toshihiko Kinoshita
Koichi Hirata

Quantitative EEG, a technique for topographic display and analysis of brain electrophysiological data, has been proposed for use in the diagnosis of various neurological and psychiatric disorders. In this special issue the pathophysiology, diagnosis and treatment for neurological and psychiatric disorders using quantitative EEG are described.

Event-related synchronization and desynchronization of high-frequency EEG activity during a visual go/no-go paradigm are discussed in detail. Furthermore, integrating different aspects of resting brain activity, electroencephalographic findings in idiopathic REM sleep behavior disorders as well as the quantitative EEG analysis in patients with chronic hepatitis C treated with interferon-alpha are reviewed. Last but not least, topographic analysis of EEG and ELORETA are presented.

This special issue is essential reading for neuropharmacologists, neurologists, physiologists and psychiatrists interested in quantitative EEG.

Contents

- Preface: Kinoshita, T.; Hirata, K.
- Quantitative Electroencephalographic Analysis in Patients with Chronic Hepatitis C Treated with Interferon-a: A Review Article: Morita, A.

Author Index / Subject Index

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Impact of Serum Cytokine Levels on EEG-Measured Arousal Regulation in Patients with Major Depressive Disorder and Healthy Controls

Interaction between Methylation and CpG Single-Nucleotide Polymorphisms in the HTR2A Gene: Association Analysis with Suicide Attempt in Schizophrenia

EEG Brain Wave Activity at Rest and during Evoked Attention in Children with Attention-Deficit/Hyperactivity Disorder and Effects of Methylphenidate
Thomas, B.L. (Johannesburg); Viljoen, M. (Pretoria)

Specific Reaction Patterns to Distinct Positive Emotional Cues Related to Incentive Motivation in Dependence of the Taq1A-Polymorphism: Molecular Genetic Associations of Early and Late Event-Related Potentials
Munk, A.J.L.; Wielpuetz, C. (Giessen); Osinsky, R. (Würzburg); Müller, E.M.; Grant, P.; Hennig, J. (Giessen)

The Comparative Effects of Risperidone Long-Acting Injection and Paliperidone Palmitate on Social Functioning in Schizophrenia: A 6-Month, Open-Label, Randomized Controlled Pilot Trial
Koshikawa, Y. (Osaka); Takekita, Y. (Osaka/Bologna); Kato, M.; Sakai, S.; Onohara, A.; Sunada, N.; Nishida, K.; Yoshimura, M. (Osaka); Fabbri, C.; Serretti, A. (Bologna); Kinoshita, T. (Osaka)

Challenges in the Detection of Working Memory and Attention Decrement among Overweight Adolescent Girls
Bauer, L.O.; Manning, K.J. (Farmington, Conn.)

Gender Differences in Verbal and Visuospatial Working Memory Performance and Networks
Zilles, D.; Lewandowski, M. (Goettingen); Vicker, H. (Goettingen/Hamburg); Henseler, I. (Leipzig); Diekhof, E. (Goettingen/Hamburg); Melcher, T. (Goettingen/Basel); Keil, M.; Gruber, O. (Goettingen)