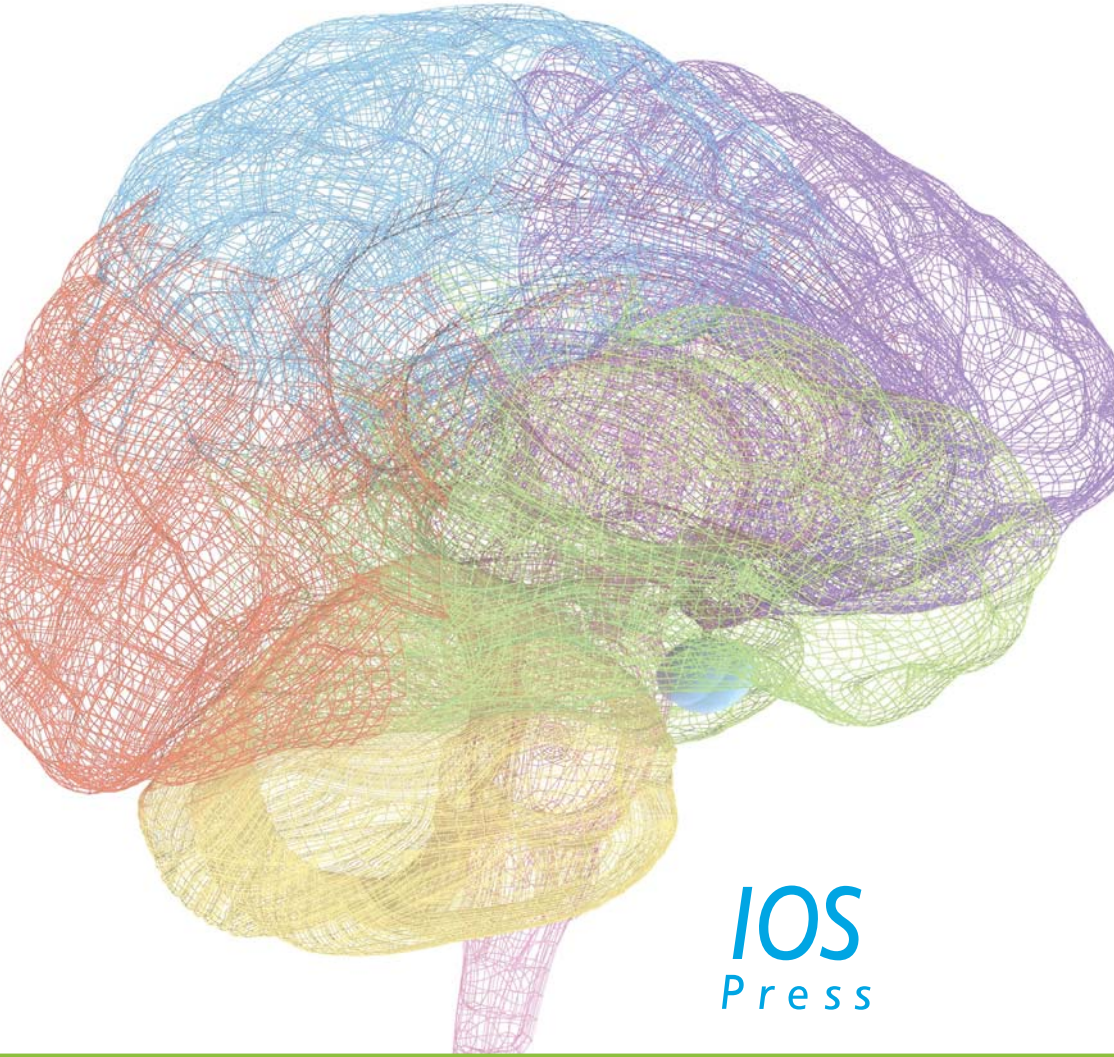


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# JOURNALS

## Advances in Neuroimmune Biology

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ISSN 1878-948X (print)

ISSN 1878-9498 (online)

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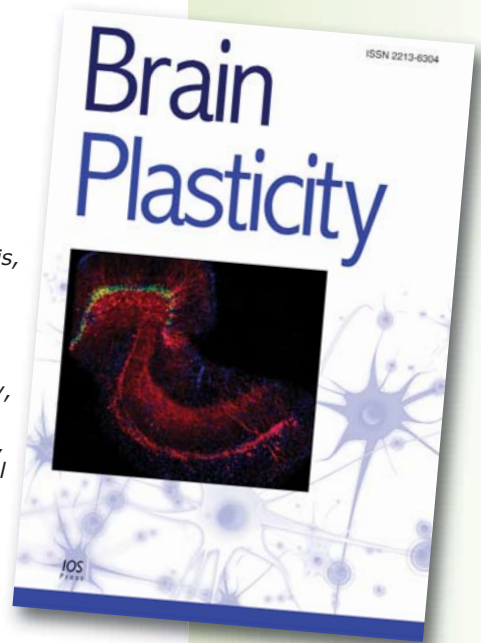
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[www.iospress.com/brain-plasticity](http://www.iospress.com/brain-plasticity)

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ISSN 2213-6312 (online)

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[www.iospress.com/international-journal-of-developmental-science](http://www.iospress.com/international-journal-of-developmental-science)

ISSN 2192-001X (print)  
ISSN 2191-7485 (online)

*The International Journal of Developmental Science is devoted to research from the fields of psychology, genetics, neuroscience, and biology and provides an interdisciplinary and international forum for basic research and professional application in the field of developmental science. The Journal offers original empirical or theoretical contributions, methodological and review papers, giving a systematic overview or evaluation of research and theories of developmental science and dealing with typical human development and developmental psychopathology during infancy, childhood, adolescence and adulthood. All manuscripts pass through a multilevel peer-review process.*



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www.j-alz.com

**Impact Factor: 4.151\***

ISSN 1387-2877 (print)  
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*The Journal of Alzheimer's Disease is an international multidisciplinary journal to facilitate progress in understanding the etiology, pathogenesis, epidemiology, genetics, behavior, treatment and psychology of Alzheimer's disease. The journal publishes research reports, reviews, short communications, book reviews and letters-to-the-editor. The journal is dedicated to providing an open forum for original research that will expedite our fundamental understanding of Alzheimer's disease. Groundbreaking research that has appeared in the journal includes novel therapeutic targets, mechanisms of disease and clinical trial outcomes.*

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ISSN 1879-6397 (print)  
ISSN 1879-6400 (online)

*The Journal of Huntington's Disease is an international multidisciplinary journal to facilitate progress in understanding the genetics, molecular correlates, pathogenesis, pharmacology, diagnosis and treatment of Huntington's disease and related disorders. The journal is dedicated to providing an open forum for original research in basic science, translational research and clinical medicine that will expedite our fundamental understanding and improve treatment of Huntington's disease and related disorders.*



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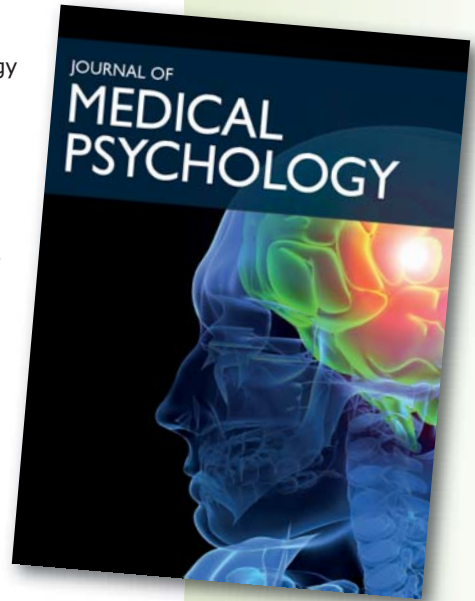
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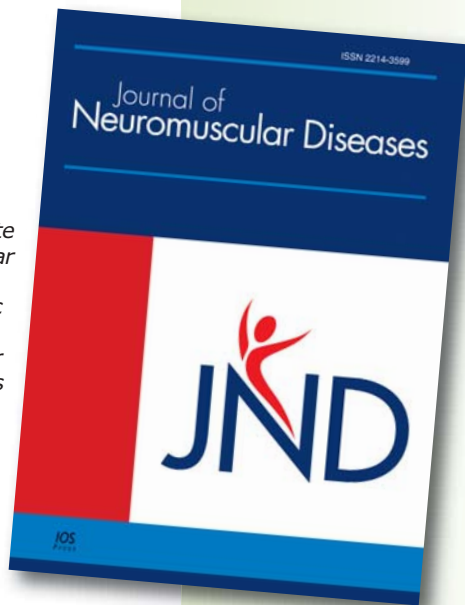
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*The Journal of Neuromuscular Diseases is an international multidisciplinary journal to facilitate progress in understanding the genetics, molecular correlates, pathogenesis, pharmacology, ethics, diagnosis and treatment of acquired and genetic neuromuscular diseases (including muscular dystrophy, myasthenia gravis, spinal muscular atrophy, neuropathies, myopathies, myotonias and myositis). The journal is dedicated to providing an open forum for original research in basic science, translational research and clinical medicine that will expedite our fundamental understanding and improve treatment of neuromuscular diseases.*



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www.journalofparkinsonsdisease.com

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*The Journal of Parkinson's Disease is dedicated to providing an open forum for original research in basic science, translational research, and clinical medicine that will expedite our fundamental understanding and improve treatment of Parkinson's disease. This rapid publication journal is international and multidisciplinary and aims to promote progress in the epidemiology, etiology, genetics, molecular correlates, pathogenesis, pharmacology, psychology, diagnosis and treatment of Parkinson's disease.*

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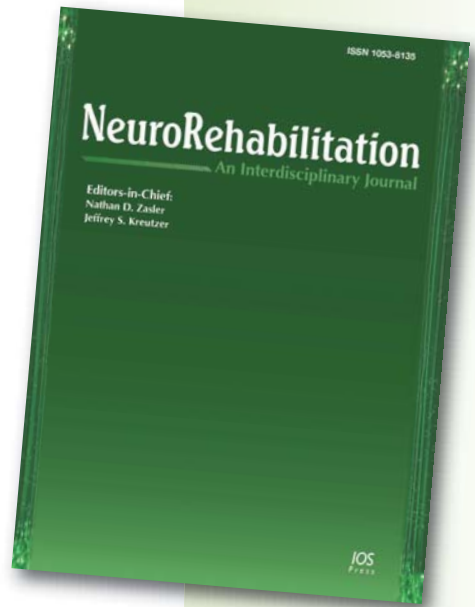
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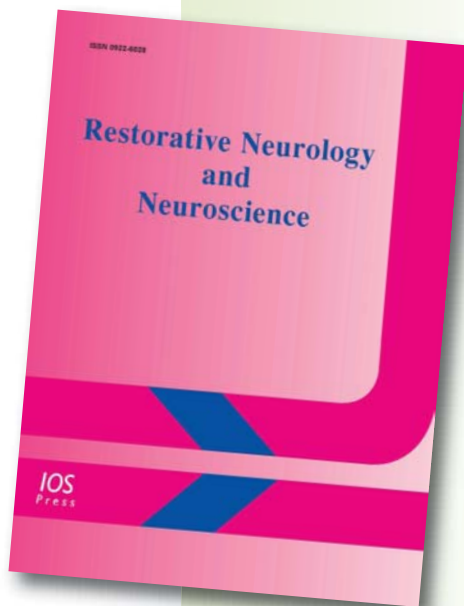
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**Impact Factor: 2.490\***

ISSN 0922-6028 (print)  
ISSN 1878-3627 (online)

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## BOOKS

### Book Series Advances in Alzheimer's Disease

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Volume 1

#### **Handbook of Animal Models in Alzheimer's Disease**

Editor: G. Casadesus

2011, 352 pp., hardcover

ISBN 978-1-60750-732-1 (print)

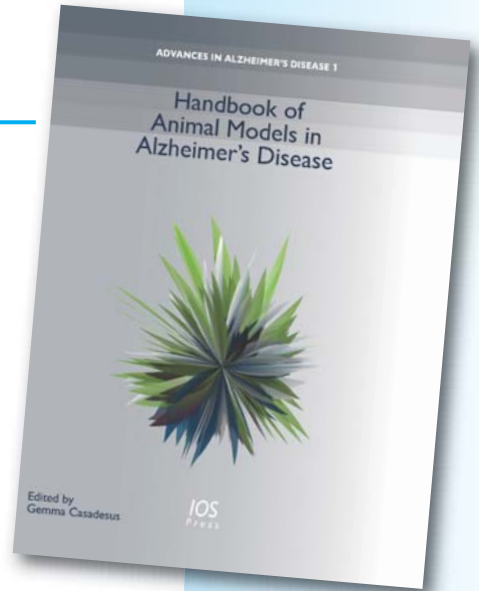
ISBN 978-1-60750-733-8 (online)

Price: US\$218 / €150 / £128

Due to their complexity and plurality of pathology and symptomatology, the study of neurodegenerative diseases relies heavily on animal models. These models have been developed in many species in the attempt to uncover the complex nature of the disease mechanisms involved. The ultimate goal is to test promising therapies and to manage, prevent or cure neurodegenerative disease. But, because most animal models in this area do not reproduce the full phenotypical disease spectrum and the etiology and clinical presentation of neurodegenerative diseases differ from one patient to the next, the testing of these diseases in animal models often translates poorly to indices of efficacy when applied to the clinical population.

Written by experts in the field with these advances and challenges in mind, this handbook provides an updated overview of the animal models being developed and used to study complex disease dynamics. The first part of the book presents an overview of animal models of various species and includes a review of new invertebrate animal models to study neurodegeneration. The second section presents the use of animal models to pinpoint disease mechanisms and the last part of the handbook examines the various therapeutic interventions being used in models of neurodegenerative disease.

[www.iospress.com/handbook-of-animal-models-in-alzheimers-disease](http://www.iospress.com/handbook-of-animal-models-in-alzheimers-disease)



Volume 2

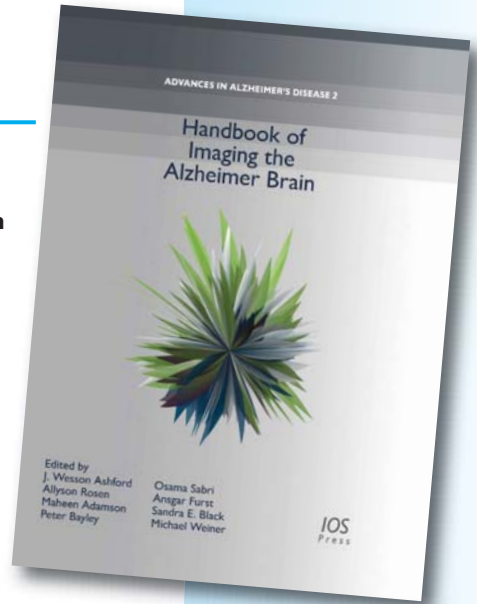
**Handbook of Imaging the Alzheimer Brain**

Editors: J.W. Ashford, A. Rosen,  
M. Adamson, P. Bayley, O. Sabri, A. Furst,  
S.E. Black and M. Weiner  
2011, 824 pp., hardcover  
ISBN 978-1-60750-792-5 (print)  
ISBN 978-1-60750-793-2 (online)  
Price: US\$276 / €190 / £162

This handbook was developed to provide an overview of the state of the art of brain-imaging approaches that have recently emerged to reveal the critical characteristics of brains of patients with Alzheimer's disease. It provides numerous chapters that examine this critical phase of Alzheimer's disease, as well as chapters that discuss diagnosis, early biomarkers, late changes, the role of vascular disease, treatment, progression of the disease, determining the variability of the manifestation of Alzheimer's disease and estimating the utility of these metrics of disease severity for examining the effects of treatments.

Each of 10 sections addresses a particular neuroimaging modality that has been found to be useful in understanding or diagnosing Alzheimer's disease. Each section features an introduction to the particular technique and its potential for informing clinical care or evaluating novel therapies for Alzheimer's patients. Chapters in each section provide clinicians with specific information as to how the particular neuroimaging technique is or can be useful in a clinical setting, from radiology to primary care and address specific advances in the various types of neuroimaging. The book includes brief overviews of imaging of Alzheimer's disease and reviews fundamental principles for neuroimaging pathological changes that it causes, with an emphasis on practical and future applications.

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Volume 3

**Alzheimer's Disease: Advances for a New Century**

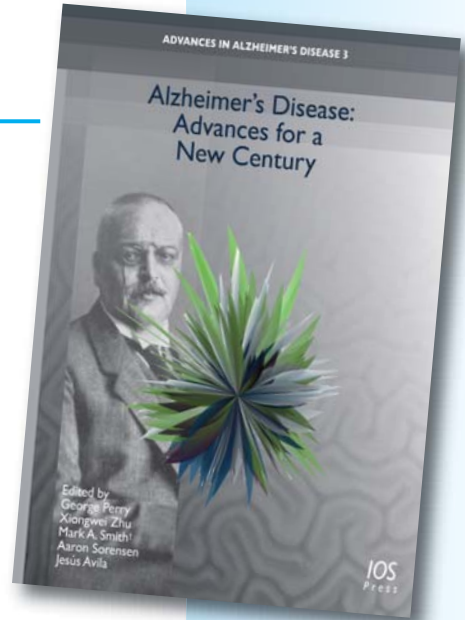
Editors: G. Perry, X. Zhu, M.A. Smith†, A. Sorensen and J. Avila  
2013, 488 pp., hardcover  
ISBN 978-1-61499-153-3 (print)  
ISBN 978-1-61499-154-0 (online)  
Price: US\$191 / €132 / £112

This volume is a companion to the highly successful book published in association with the *Journal of Alzheimer's Disease* (JAD) on the centennial of Alzheimer's discovery *Alzheimer's Disease: A Century of Scientific and Clinical Research*.

Using scientometric analysis the most promising developments since the Alzheimer Centennial in 2006 have been identified and substantiated. While prior trends and advances in genetics, amyloid- $\beta$ , tau, neuropathology, and oxidative stress remain important, emergent areas impacting our understanding of the transition from normal cognition to Alzheimer's Disease such as diagnostic imaging, biomarkers, metabolism and lifestyle (areas conceived only a few years ago) now dominate the debate.

Invited contributors have summarized their landmark publications identified by our analysis and have put them into perspective, explaining the impetus behind the work, the contribution of the results to the field and who played a role in the work.

[www.iospress.com/alzheimers-disease-advances-for-a-new-century](http://www.iospress.com/alzheimers-disease-advances-for-a-new-century)



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Volume 4

**Handbook of Depression in Alzheimer's Disease**

Editor: G.S. Smith

2015, 396 pp., hardcover

ISBN 978-1-61499-541-8 (print)

ISBN 978-1-61499-542-5 (online)

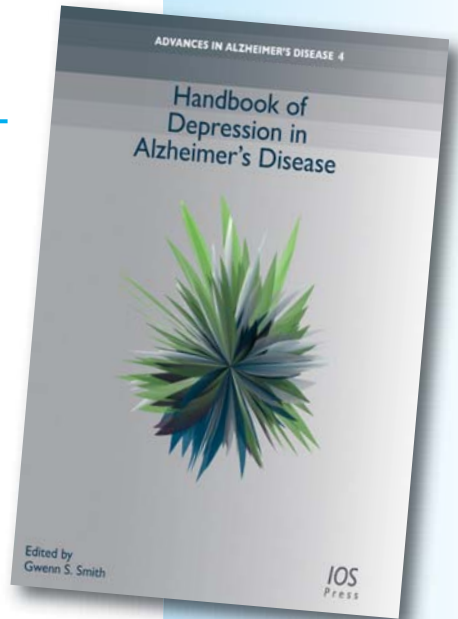
Price: US\$155 / €135 / £115

Advances in healthcare have led to an extended life expectancy throughout the developed world, but cognitive impairment in later life, and Alzheimer's disease (AD) in particular, remains one of the intractable problems which can blight quality of life as we age. Depression in Alzheimer's disease is an additional factor which has a significant impact on disability, disease progression, and caregiver burden.

This book, volume 4 of the *Advances in Alzheimer's Disease* book series which is published in coordination with the *Journal of Alzheimer's Disease*, presents papers which reflect the progress in recent years of research into depression in AD. This research has focused on several areas, including the improvement of diagnostic criteria and outcome measures for depression and depressive symptoms in AD, genetic and imaging studies to elucidate the neurobiological mechanisms, and clinical trials of antidepressants. The book is divided into sections on phenomenology, epidemiology, neuropsychology, neurobiology and neuropathology, neuroimaging, genetics, and treatment.

Providing a stimulus to further research in this challenging area by engaging both basic and clinical researchers, this book will be of interest to all those whose work involves understanding and dealing with depression in those suffering from Alzheimer's disease.

[www.iospress.com/handbook-of-depression-in-alzheimers-disease](http://www.iospress.com/handbook-of-depression-in-alzheimers-disease)



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## The Case of the Frozen Addicts

How the Solution of a Medical Mystery Revolutionized the Understanding of Parkinson's Disease

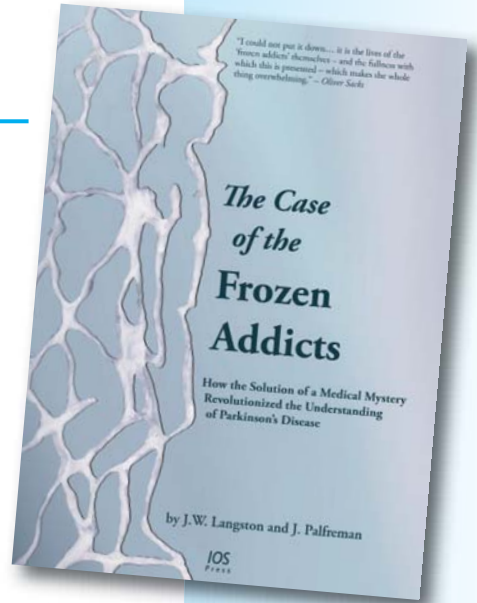
Authors: J.W. Langston and J. Palfreman  
2014, 264 pp., softcover (revised 2nd edition)  
ISBN 978-1-61499-331-5 (print)  
ISBN 978-1-61499-332-2 (online)  
Price: US\$25 / €20 / £17

In the summer of 1982, hospital emergency rooms in the San Francisco Bay Area were suddenly confronted with mysteriously "frozen" patients – young men and women who, though conscious, could neither move nor speak. Doctors were baffled, until neurologist J. William Langston, recognizing the symptoms of advanced Parkinson's disease, administered L-dopa – the only known effective treatment – and "unfroze" his patient. Dr. Langston determined that this patient and five others had all used the same tainted batch of synthetic heroin, inadvertently laced with a toxin that had destroyed an area of their brains essential to normal movement. This same area, the substantia nigra, slowly deteriorates in Parkinson's disease.

As scientists raced to capitalize on this breakthrough, Dr. Langston struggled to salvage the lives of his frozen patients, for whom L-dopa provided only short-term relief. The solution he found lay in the most daring area of research: fetal-tissue transplants. The astonishing recovery of two of his patients garnered worldwide press coverage, helped overturn federal restrictions on fetal-tissue research, and offered hope to millions suffering from Parkinson's, Alzheimer's, and other degenerative brain disorders.

This is the story behind the headline – a spellbinding account that brings to life the intellectual excitement, ethical dilemmas, and fierce competitiveness of medical research. This new updated edition of the classic neurological mystery tale, "The Case of the Frozen Addicts," illuminates how the solution to a baffling mystery of the brain's chemistry opened a new frontier in medicine and restored life to people without hope.

[www.iospress.com/the-case-of-the-frozen-addicts](http://www.iospress.com/the-case-of-the-frozen-addicts)



"It begins with a series of quixotic discoveries, escalates to providing possible solutions for one of humanity's most intractable medical problems, and then catapults the reader into the center of America's hottest political arena – abortion and fetal sanctity. Bravo! A brilliant read."

– Laurie Garrett, author of  
*The Coming Plague*

"I could not put it down...it is the lives of the 'frozen addicts' themselves – and the fullness with which this is presented – which makes the whole thing overwhelming."

– Oliver Sacks

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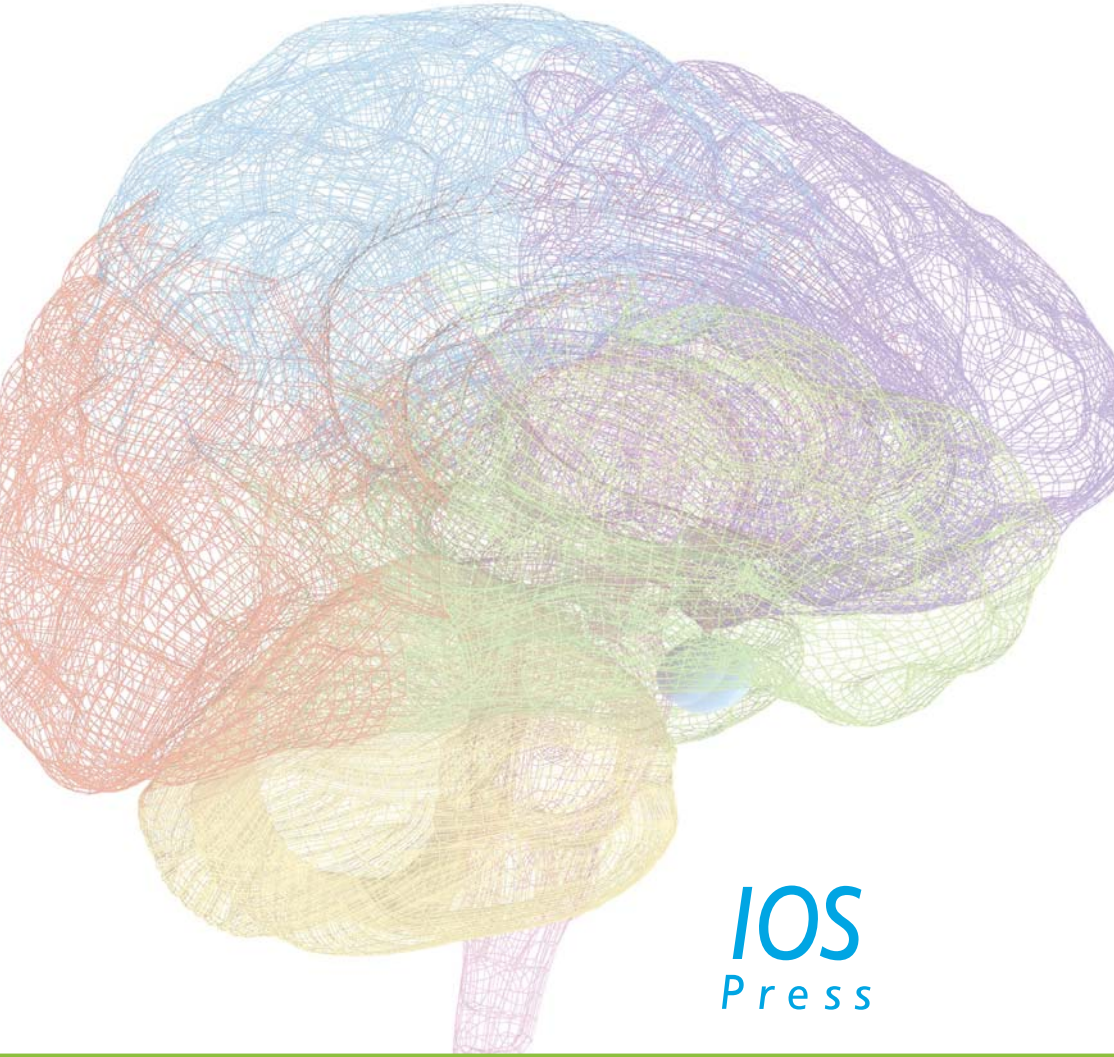
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