



# Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology)

From Oxford University Press

Download now

Read Online ➔

## Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press

Two decades have passed since publication of the first edition of *Experimental and Clinical Neurotoxicology* pioneered the development of this discipline. Since then no other book has approached the breadth, scholarship, and balance of that landmark volume. For this long-awaited second edition, the original editors have been joined by Albert Ludolf, who brings expertise in biological neurotoxicology, and together with their distinguished contributors they have completely rewritten and reorganized the text.

The scientific and clinical foundation is laid in three comprehensive introductory chapters. An overview of the biological basis of neurotoxicity provides the groundwork for discussing the scope of human and veterinary neurotoxic disease. The bulk of the text is devoted to an alphabetical treatment of chemicals with neurotoxic potential. This consists of tightly written overviews of the properties, actions, and mechanisms of all manner of substances, whether natural or synthetic. The neurotoxic side effects of experimental agents and of therapeutic as well as abused drugs are covered extensively. Environmental pollutants, workplace contaminants, personal-use products, food additives, and agents harbored by plants, animals, and humans for use against their respective enemies are discussed. Each substance is rated on a three-point scale for the weight of evidence indicating a specific neurotoxic effect in humans, animals, or laboratory models. These effects are summarized and cross-referenced in a series of appendices and an extensive index.

In summary, the second edition establishes neurotoxicology as a scientific discipline that melds neurobiology, toxicology, and neurology. From this unique vantage point, the book examines in encyclopedic manner several hundred chemicals with the capacity to induce neurological illness in humans and animals. Indispensable for the experimental neuroscientist and toxicologist, as well as for practitioners of human and animal medicine, the book also provides an authoritative, critical, and pithy reference work for specialists in public health and the legal profession.

 [Download Experimental and Clinical Neurotoxicology \(Spencer ...pdf](#)

 [Read Online Experimental and Clinical Neurotoxicology \(Spenc ...pdf](#)

# Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology)

From Oxford University Press

## Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology)

From Oxford University Press

Two decades have passed since publication of the first edition of *Experimental and Clinical Neurotoxicology* pioneered the development of this discipline. Since then no other book has approached the breadth, scholarship, and balance of that landmark volume. For this long-awaited second edition, the original editors have been joined by Albert Ludolf, who brings expertise in biological neurotoxicology, and together with their distinguished contributors they have completely rewritten and reorganized the text.

The scientific and clinical foundation is laid in three comprehensive introductory chapters. An overview of the biological basis of neurotoxicity provides the groundwork for discussing the scope of human and veterinary neurotoxic disease. The bulk of the text is devoted to an alphabetical treatment of chemicals with neurotoxic potential. This consists of tightly written overviews of the properties, actions, and mechanisms of all manner of substances, whether natural or synthetic. The neurotoxic side effects of experimental agents and of therapeutic as well as abused drugs are covered extensively. Environmental pollutants, workplace contaminants, personal-use products, food additives, and agents harbored by plants, animals, and humans for use against their respective enemies are discussed. Each substance is rated on a three-point scale for the weight of evidence indicating a specific neurotoxic effect in humans, animals, or laboratory models. These effects are summarized and cross-referenced in a series of appendices and an extensive index.

In summary, the second edition establishes neurotoxicology as a scientific discipline that melds neurobiology, toxicology, and neurology. From this unique vantage point, the book examines in encyclopedic manner several hundred chemicals with the capacity to induce neurological illness in humans and animals. Indispensable for the experimental neuroscientist and toxicologist, as well as for practitioners of human and animal medicine, the book also provides an authoritative, critical, and pithy reference work for specialists in public health and the legal profession.

## Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology)

From Oxford University Press Bibliography

- Sales Rank: #2709378 in Books
- Published on: 2000-02
- Original language: English
- Number of items: 1
- Dimensions: 8.70" h x 2.60" w x 11.20" l, 7.35 pounds
- Binding: Hardcover
- 1352 pages



[Download Experimental and Clinical Neurotoxicology \(Spencer ...pdf](#)



[Read Online Experimental and Clinical Neurotoxicology \(Spenc ...pdf](#)



## **Editorial Review**

### **Review**

"If you want to have an encyclopedia of how, why, and what is involved with neurotoxic effects, here's the volume to pursue!... This is a well-organized and carefully prepared edited reference book.... It will serve as the premier source for neurotoxic information for years to come. Clinicians, researchers, and particularly toxicologists should be greatly indebted to the editors and publisher for compiling and making available this excellent authoritative text." --Veterinary and Human Toxicology

"Indispensable for the experimental neuroscientist and toxicologist, as well as for practitioners of human and animal medicine, the book also provides an authoritative, critical, pithy reference work for specialists in public health and the legal profession." Oxford University Press

"It is almost 20 years since the appearance of Spencer and Schaumburg's ground-breaking volume on experimental and clinical neurotoxicology, which gave us a comprehensive survey of the subject as understood at the time. This new edition is greatly welcomed, since the original edition is now long out of date. Browsing through the catalogue is a journey through the realms of biology and pharmacology where untold dangers await. This book will be a sound source of information for a wide circle of practitioners in the wards and scientists in the laboratory for a long time to come." --J.B. Cavanagh, Brain, Vol. 123, Part 12, Dec 2000

"The new edition of this book is long overdue and will be warmly welcomed. The book has been expanded and reorganized, and now covers an enormous spectrum of neurotoxic disorders. It is clear that this book will rapidly become the standard reference in the field, and deservedly so. It will fill an important role for many years to come. Its encyclopedic nature, will make it an important addition to all institutional libraries, as well as an invaluable resource to those with a special interest in neurotoxicology." -- Michael Aminoff MD, Muscle and Nerve, Dec 2000

### **About the Author**

Peter S. Spencer is at Oregon Health Sciences University. Herbert Schaumburg is at Albert Einstein College of Medicine.

## **Users Review**

### **From reader reviews:**

#### **Dorothy Tran:**

Book is actually written, printed, or descriptive for everything. You can recognize everything you want by a e-book. Book has a different type. To be sure that book is important point to bring us around the world. Alongside that you can your reading skill was fluently. A book Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) will make you to possibly be smarter. You can feel far more confidence if you can know about almost everything. But some of you think which open or reading any book make you bored. It is far from make you fun. Why they are often thought like that? Have you seeking best book or suitable book with you?

**Fannie Garcia:**

Now a day folks who Living in the era just where everything reachable by match the internet and the resources included can be true or not need people to be aware of each data they get. How people have to be smart in receiving any information nowadays? Of course the solution is reading a book. Examining a book can help persons out of this uncertainty Information specially this Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) book because book offers you rich info and knowledge. Of course the data in this book hundred pct guarantees there is no doubt in it you probably know this.

**Ramona Wegener:**

Reading a e-book can be one of a lot of action that everyone in the world adores. Do you like reading book consequently. There are a lot of reasons why people enjoy it. First reading a publication will give you a lot of new details. When you read a e-book you will get new information since book is one of numerous ways to share the information or perhaps their idea. Second, studying a book will make you more imaginative. When you studying a book especially tale fantasy book the author will bring you to definitely imagine the story how the figures do it anything. Third, you may share your knowledge to others. When you read this Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology), you can tells your family, friends in addition to soon about yours guide. Your knowledge can inspire different ones, make them reading a publication.

**Cathy Kerby:**

Do you like reading a e-book? Confuse to looking for your favorite book? Or your book had been rare? Why so many question for the book? But any kind of people feel that they enjoy with regard to reading. Some people likes looking at, not only science book and also novel and Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) or others sources were given information for you. After you know how the fantastic a book, you feel want to read more and more. Science reserve was created for teacher or even students especially. Those guides are helping them to bring their knowledge. In different case, beside science book, any other book likes Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) to make your spare time much more colorful. Many types of book like here.

**Download and Read Online Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press #I64U8M1ZSH3**

# **Read Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press for online ebook**

Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press books to read online.

## **Online Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press ebook PDF download**

**Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press Doc**

**Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press Mobipocket**

**Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press EPub**

**I64U8M1ZSH3: Experimental and Clinical Neurotoxicology (Spencer, Experimental and Clinical Neurotoxicology) From Oxford University Press**