

etc.) but the papers and their individual topics are fairly disparate and technical, and the sections seem arbitrary. A number of papers in several sections have nothing to do with vasospasm specifically but rather are about other brain aneurysm topics. The showcase presentation of the conference, the results of the CONSCIOUS 1 trial that tested the ETA receptor antagonist clazosentan in a phase 2 randomized controlled trial, is not represented in the book (but are to be published shortly in the journal *Stroke*). The index is short and incomplete. However my greatest criticism is that aside from a very brief introductory paper entitled "Advances in vasospasm research" there is no overview provided, either for the book as a whole or what would have been even better, for each subject and section. What would have been most welcome is an editorial preface and comment for each section introducing, explaining and tying together the papers to follow, almost all of which focus on a very small (and sometimes obscure) aspect of vasospasm. There is nothing to be found, for example, that even remotely resembles the first three paragraphs of this review, which are my attempt to introduce the readership to the subject of cerebral vasospasm and the very volume I am reviewing. This is an unfortunate editorial oversight, and the consequence is a virtually uninterpretable book to those outside the vasospasm field, and for those on the inside, we are better waiting for the peer-reviewed (and improved) versions of the book's papers in scientific journals.

*J. Max Findlay
Edmonton, Alberta, Canada*

PRACTICAL CSF CYTOLOGY. AN INTERACTIVE TRAINING COURSE FOR NEUROLOGISTS, NEUROPATHOLOGISTS AND LABORATORY PHYSICIANS. 2008. By Harald Kluge, Stefan Insenmann, Hans-Juergen Kuehn, Martin M. Kluska, Valentin Wiczsoek, Otto W. Witte. Published by Thieme. CD-ROM. Price C\$50.

The authors have compiled a generous collection of CSF cytology diagnostic challenges in an attractive and interactive CD format. Cases are arranged in a quiz format with an optional and brief review/training session as well. The review and quiz together are readily completed in less than an hour and cover most commonly encountered entities in CSF cytology.

Overall, the quality of the publication is very good with good to very good image quality. The text is largely adequate and brief, facilitating an efficient tour of the material. In some instances, the case images would be improved by further annotations. Similarly, in some instances, quiz answers could be improved by more thorough annotations and more detailed rationales for correct and incorrect interpretations. Finally a few interpretations and explanations are debatable and include unnecessary conjectural statements. While these are not fatal flaws, they leave room for improvement for a future edition.

For the resident, preparing for practice and examinations, and for the practicing Neuropathologist, the CD accomplishes its goals and represents an easily accessed bank of cases and questions for

learning and review of CSF cytology. We are unaware of a similar resource and so it will be a welcome addition to Pathology training programs and their respective libraries and to the bookshelves/CD racks of Neuropathologists and cytotechnologists. We give it a 7 out of 10.

*Hasini Reddy, Robert Hammond
London, Ontario, Canada*

PARKINSON'S DISEASE - GENETICS AND PATHOGENESIS. 2007. Edited by Ted M. Dawson. Published by Informa Healthcare USA, Inc. 408 pages. Price C\$260.

As a student, and even when I began my residency, it was taught that Parkinson's disease (PD) was a degenerative condition and that there was no definitive role for genetics in its pathogenesis. In 1997 two findings turned the world of Parkinson's research upside down: 1) alpha-synuclein was identified as a key constituent of Lewy bodies and 2) a large family with early onset dominantly inherited Parkinson's was linked to a mutation of the alpha-synuclein gene. Since these discoveries, well over 5000 publications are listed on PubMed under "genetics + Parkinson's disease".

Dr. Ted Dawson, a world renowned scientist in the field of Parkinson's disease, has assembled a "who's who" collection of authors for this tome. The book is organized into four sections: Overview, Genetics, Pathogenesis, and Animal Models. The writing styles obviously vary but the structure of each chapter is similar and allows for some continuity.

The chapters on genetics were generally well done. I was a bit disappointed that the chapter on LRRK2, the gene felt to play a role in more cases of PD by far than all the other genes combined, was only 7 pages long (including references). While it was a good summary, it was not what I expected given the length and depth of the other chapters.

The section on animal models included genetic and toxin-induced PD models from research on rodents, monkeys, worms and fruit flies. This section concludes with a brief but useful and easily readable chapter on drug trials in animal models.

There is a sincere attempt by the editor and the authors to try to connect the various genes with one another (wherever possible) and with the subcellular structures such as the mitochondria and ubiquitin-proteasome system in a meaningful and coherent manner. It is a commendable effort and generates a number of discussion points.

Given the rapid advances in Parkinson's disease, this book is valuable as a "one-stop" reference. I do not suggest reading it cover to cover however as there is a lot of material to digest and it does not make for easy reading. The chapters on treatment of Parkinson's disease and the MPTP model were two chapters that were engaging and easy to read as a clinician. In particular, the MPTP chapter was very well written and informative and provided an excellent history of the development of MPTP and the first human parkinsonism cases linked to this toxin.