In this two-volume work international experts comprehensively review literally every aspect of current research. The topics covered in the 46 chapters range from the most contemporary systems biology 'omics' views of the virus-host interaction to the considerations of the health and economic impact of CMV disease for evaluating the hoped-for benefit from a vaccine. Liberally illustrated with more than 200 figures (most in full colour) and containing over 60 tables and several thousand references, this book is a 'must read' for everyone with an interest in CMV, for clinicians working in pediatric intensive-care medicine and at transplantation centers, and for scientists working on antiviral drug and vaccine development.
Other Books of Interest

**Genome Analysis: Current Procedures and Applications**
Edited by: Maria S. Poptsova
c. 370 (plus colour plates) pp, January 2014
ISBN: 978-1-908230-29-4, $319/€159
An essential book for everyone involved in sequence data analysis, next-generation sequencing, high-throughput sequencing, RNA structure prediction, bioinformatics and genome analysis.

**Prions: Current Progress in Advanced Research**
Edited by: Akikazu Sakudo and Takashi Onodera
c. 140 pp, August 2013
ISBN: 978-1-908230-24-9, $240/€120
Topics covered include: prion proteins (PrP) and their family members; PrP function; molecular mechanisms of prions diseases; immunological strategies for the prevention and treatment of prion disease; microglial inflammation and prion diseases; methods for prion inactivation; clinical aspects of CJD; the BSE and scrapie prions; chronic wasting disease; future strategies for the prevention and treatment of prion diseases. The book closes with a look to the future of prion research. Essential reading.

**RNA Editing: Current Research and Future Trends**
Edited by: Stefan Maas
c. 235 (plus colour plates) pp, June 2013
ISBN: 978-1-908230-23-2, $319/€159
This major new work presents an up-to-date overview of RNA editing. All the chapters here have been written by experts in the various research areas and describe key recent findings as well as exploring current frontiers in the mechanisms and functional roles of RNA editing. The chapters span the editing of protein coding mRNAs, small regulatory RNAs, tRNAs and non-coding sequences. Also included are studies employing bioinformatics to identify and predict RNA editing sites as well as the evolution of RNA modification. Recommended reading!

**Real-Time PCR: Advanced Technologies and Applications**
Edited by: Nick A. Saunders and Martin A. Lee
c. 300 (plus colour plates) pp, July 2013
This essential manual provides both the novice and experienced user with an invaluable reference to a wide-range of real-time PCR technologies and applications and provides an overview of the theory of this increasingly important technique. The editors also aim to stimulate readers of all levels to develop their own innovative approaches to real-time PCR.

**Bionanotechnology: Biological Self-assembly and its Applications**
Edited by: Bernd H. A. Rehm
x + 310 (plus colour plates) pp, February 2013
ISBN: 978-1-908230-16-4, $319/€159
“... survey (of) some of the most striking and successful approaches to producing biogenic nanodevices ... consider(s) not only living organisms as manufacturers, but also applying the processes for the in vitro self-assembly of isolated biomolecules” Ref. Res. Book News

**Molecular Virology and Control of Flaviviruses**
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**Rhabdoviruses: Molecular Taxonomy, Evolution, Genomics, Ecology, Host-Vector Interactions, Cytopathology and Control**
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viii + 276 (plus colour plates) pp, September 2012
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“very useful and well written and referenced ... an excellent book for people interested in rhabdoviruses, virology, and veterinary medicine. ..... this book goes way beyond what can be found in other textbooks on rhabdoviruses.” ASM Microbe

**Small DNA Tumour Viruses**
Edited by: Kevin V. Gaston
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ISBN: 978-1-904455-90-8, $319/€159
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**Epigenetics: A Reference Manual**
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