



## 中国医科大学细胞生物学参考书目

<http://www.firstlight.cn> 2009-06-08

### [1] 参考文献

#### 《绪论》

1. Alberts B et al. Essential Cell Biology. New York and London: Garland publishing, Inc. 1998.
2. Lodish H et al. Molecular Cell Biology4th. Scientific American Books, Inc. 2000.
3. Hannon GJ. RNA interference. Nature. 2002, 418 (6894): 244-51. Review.
4. Wolf SE, Woodside KJ. Transgenic and gene knock-out techniques and burn research. J Surg Res. 2005, 123(2): 328-39. Review.

5. Gerald Karp. Cell and Molecular Biology: concepts and experiments. 2nd ed. New York: John Wiley & Sons Inc., 1999.

6. Alberts B et al. Essential Cell Biology. New York and London: Garland Publishing Inc., 1998.

#### 《细胞的分子基础和基本概念》

1. McKinnell RG. Cloning of Homo sapiens? No! Differentiation. 2002, 69(4-5): 150-3.
2. Satija N, Lal SK. The molecular biology of SARS coronavirus. Ann N Y Acad Sci. 2007, 1102: 26-38. Review.
3. Henderson R. Macromolecular structure and self-assembly. Novartis Found Symp. 1998, 213: 36-52; discussion 52-5. Review.

4. Worrall JA et al. Design and chance in the self-assembly of macromolecules. Biochem Soc Trans. 2007, 35: 502-7. Review.

#### 《细胞生物学技术》

1. 翟中和. 细胞生物学. 高等教育出版社, 2003.
2. 印莉萍, 刘祥林. 分子细胞生物学实验技术. 首都师范大学出版社, 2001.
3. 樊廷俊. 细胞生物学实验技术. 中国海洋大学出版社. 2006.
4. Bruce Alberts et al. Molecular Biology of the Cell 4th. Garland Science, 2002.
5. Freshney RI. Culture of animal cells--a manual of basic technique. Wiley-Liss, 2000.
6. Herzenberg LA et al. Monoclonal antibodies and the FACS: complementary tools for immunobiology and medicine. Immunology Today, 2000, 21(8): 383-390.

#### 《细胞膜的结构与物质的跨膜运输》

1. Bruce Alberts et al. Molecular biology of the cell, 4th ed. New York: Garland Publishing Inc., 2002.
2. Bruce Alberts et al. Essential Cell Biology, 2th ed. New York: Garland Publishing Inc., 2004.
3. Harvey Lodish et al. Molecular Cell Biology. New York: W.H.Freeman and Company, 2000.
4. Kenzelmann D et al. Teneurins, a transmembrane protein family involved in cell communication during neuronal development. Cell Mol Life Sci. 2007, 64(12):1452-6.
5. DiNitto JP et al. Membrane recognition and targeting by lipid-binding domains. Sci STKE. 2003, 16: 2003(213).
6. Clausen JD et al. ATP-binding modes and functionally important interdomain bonds of sarcoplasmic reticulum Ca<sup>2+</sup>-ATPase revealed by mutation of glycine 438, glutamate 439, and arginine 678. J Biol Chem. 2007, 13; 282(28): 20686-97.

#### 《细胞的内膜系统》

1. 王金发. 细胞生物学. 科学出版社, 2003.
2. Farquhar MG, Palade GE. The Golgi apparatus: 100 years of progress and controversy. Trends in Cell Biology, 1998, 2-10.
3. Roy CR, Tilney LG. The road less traveled: transport of legionella to the endoplasmic reticulum. J Cell Biol, 2002, 158: 415-419.
4. Munro S. More than one way to replicate the Golgi apparatus. Nature Cell Biol 2002, 4: E224 -224.
5. Luzio JP et al. Lysosome-endosome fusion and Lysosome biogenesis. J CellSci, 2000, 113: 1515-1524.

#### 《细胞核》

1. 翟中和主编. 细胞生物学. 北京: 高等教育出版社, 2001

2. 汪堃仁, 薛绍白, 杨惠图主编. 细胞生物学(第二版). 北京: 北京师范大学出版社, 1998.
3. Gerald Karp. Cell and Molecular Biology: Concepts and Experiments. 3nd. New York: John Wiley and Sons Inc., 2002.
4. Bruce Alberts et al. Molecular Biology of the Cell. 4nd. New York & London: Garland Publishing Inc., 2002.
5. Alberts B et al. Essential Cell Biology. 2nd. New York and London: Garland Publishing Inc., 2004.
6. Benjamin Lewin. Genes VI. New York: Oxford University Press Inc., 1997.
7. Douglass J Forbes and Alexander D Johnson. Current Opinion in Cell Biology: Nucleus and gene expression. Vol 7. No3, 1995.
8. Bradford Talcott and Mary Shannon Moore. Getting across the nuclear pore complex. Trends in Cell Biology Vol. 9:312~318 August, 1999.
9. Fruke Melchior and Larry Gerace. Two-way trafficking with Ran. Trends in Cell Biology. Vol 8: 175~179, May, 1998.
10. Bertil Danchohl. A look at messenger RNP moving through the nuclear pore. Cell, Vol. 88: 585~588, March 7, 1997.
11. Angus I. Lamond and William C. Earnshaw. Structure and Function in the Nucleus. Science, Vol. 280(24):547~553, April, 1998.
12. Darnell J et al. Molecular Cell Biology, 5th Edition. New York: W.H. Freeman Co. Avers, C.J.. Molecular Cell Biology. Addison-Wesley Publ.Co. 2004.
13. Karolin Luger et al. Crystal structure of the nucleosome core particle at 2.8A resolution. Nature, Vol 389(18):251~259, Sept. 1997.
14. A Gregory Matera. Nuclear bodies: multifaceted subdomains of the interchromatin space. Trends in Cell Biology Vol. 9: 302~309 August, 1999.
15. Erich A. Nigg. Nucleocytoplasmic transport: signals, mechanisms and regulation. Nature Vol 386(24):779~787, April, 1997.

●

#### 《细胞骨架》

1. 宋今丹等. 医学细胞生物学(第三版). 人民卫生出版社, 2004.
2. Bruce A et al. Molecular Biology of the Cell. New York and London: Garland Science ; c2002.
- 《细胞外基质》和《细胞连接》
  1. 翟中和, 王喜忠, 丁明孝. 细胞生物学. 北京: 高等教育出版社, 2000.
  2. Bruce Alberts et al. Molecular Biology of The Cell, 4th ed. Published by Garland Science, New York, 2002.
  3. 宋今丹. 医学细胞生物学(第3版). 北京: 人民卫生出版社, 2004.
  4. 周柔丽. 医学细胞生物学(第2版). 北京: 北京大学医学出版社, 2006.

#### 《细胞周期》

1. Nobumoto Watanabe et al. Cyclin-dependent kinase (CDK) phosphorylation destabilizes somatic Wee1 via multiple pathways. Proc Natl Acad Sci U S A. 2005;102(33):11663-8.
2. Brian N Wroble et al. Wee1 kinase alters cyclin E/Cdk2 and promotes apoptosis during the early embryonic development of Xenopus laevis. BMC Developmental Biology 2007, 7:119.
3. Gutierrez G J, Ronai Z. Ubiquitin and SUMO systems in the regulation of mitotic checkpoints. Trends Biochem Sci. 2006, 31(6): 324-332.
4. Buschhorn B A, Peters J M. How APC/C orders destruction. Nat Cell Biol. 2006, 8(3): 209-211.
5. van den Heuvel S. Cell-cycle regulation. WormBook, 2005, 21: 1-16.
6. Brooks CL, Li M, Gu W. Mechanistic studies of MDM2-mediated ubiquitination in p53 regulation. J Biol Chem, 2007, 282(31): 22804-22815.
7. Kan C E et al. p53-mediated growth suppression in response to Nutlin-3 in cyclin D1 transformed cells occurs independently of p21. Cancer Res. 2007, 67(20): 9862-9868.

8. Upadhyaya KR et al. Cell Cycle Regulation and Induction of Apoptosis by beta-carotene in U937 and HL-60 Leukemia Cells. J Biomol Mol Biol. 2007, 40(6):1009-15.

#### 《细胞分化》

1. 翟中和, 王喜忠, 丁明孝. 细胞生物学. 北京: 高等教育出版社, 2000.
2. 凌治萍. 医学细胞生物学. 北京: 人民卫生出版社, 2001.
3. Bruce Alberts et al. Molecular Biology of The Cell, 4th ed. Published by Garland Science, New York, 2002.
4. 宋今丹. 医学细胞生物学(第3版). 北京: 人民卫生出版社, 2004.
5. 周柔丽. 医学细胞生物学(第2版). 北京: 北京大学医学出版社, 2006.

#### 《细胞的衰老与死亡》

1. FB Johnson, DA Sinclair and L Guarente. Molecular biology of aging. Cell. 96: 291~302, 1999.
2. DA Sinclair and L Guarente. Extrachromosomal rDNA circles — a cause of aging in yeast. Cell. 91:1033~1042, 1997.
3. HR Stennicke and S Salvesen. Properties of the caspases. Biochimica et Biophysica Acta. 1387:17~31, 1998.
4. H McNeil and J Downward. Apoptosis: Ras to the rescue in the fly eye. Current Biology. 9:R176~R179, 1999.

-----  
[2] 绪 论

- Wilson EB. *The Cell in Development and Heredity*. 3rd ed. New York: The Macmillan Company, 1925, 1~18  
Gerald Karp. *Cell and Molecular Biology: concepts and experiments*. 2nd ed. New York: John Wiley & Sons Inc., 1999  
Alberts B et al. *Essential Cell Biology*. New York and London: Garland Publishing Inc., 1998  
Alberts B, Bray D, Lewis J, et al. *Molecular Biology of the Cell*. 2nd ed. New York and London: Garland Publishing Inc., 1994  
Darnell J, Lodish H, Baltimore D. *Molecular Cell Biology*. 2nd ed. New York: W H Freeman Co., 1990.1~14  
庄孝穗. *细胞学 (中国大百科全书. 生物学)*. 北京: 中国大百科全书出版社, 1988.1~11  
Proceedings of the VI International Congress for Cell Biology. San-Franisco, 1996

-----  
[3] 细胞生物学技术

- 翟中和主编. *细胞生物学*. 北京: 高等教育出版社, 1995  
Julio E celio. *Cell Biology: A Laboratory Handbook*. Denmark: Academic Press Inc., 1994  
Current Protocols in Molecular Biology. New York: John Whiley and Sons Inc., 1996  
David L. Spector et al. *Cells: A Laboratory Manual*. Cold Spring Hardor Laboratory Press, 1998  
Gerald Karp. *Cell and Molecular Biology: Concepts and Experiments*. New York: John Whiley and Sons Inc., 1999

-----  
[4] 细胞的分子基础和基本概念

- 郑国昌. *细胞生物学(第二版)*. 北京: 高等教育出版社, 1992  
汪堃仁, 薛绍白, 杨惠图. *细胞生物学(第二版)*. 北京: 北京师范大学出版社, 1998  
Gerald Karp. *Cell and Molecular Biology: Concepts and Experiments*. New York: John Whiley and Sons Inc., 1999  
Bruce Alberts et al., *Essential Cell Biology: An Introduction to Molecular Biology of the Cell*. New York: Garland Publishing Inc., 1998

-----  
[5] 细胞膜的分子生物学

- Lodish, et al. *Molecular Cell Bilogy*. New York and Oxford: Scientific American Books, Inc., 1995  
Alberts B et al. *Essential Cell Biology*. New York and London: Garland Publishing Inc., 1998  
汪堃仁, 薛绍白, 杨惠图主编. *细胞生物学. 第二版*. 北京: 北京师范大学出版社, 1998  
Ken Jacobson, Chrisian Dietrich. Looking at lipid Rafts? *Trends in Cell Biology*, 1999,(9):87~91  
Alexander M Simon, et al. Diverse Functions of Vertebrate Gap Junction. *Trends in Cell Biology*, 1998,(8):477~483

-----  
[6] 细胞核与遗传信息的流向

- Gerald Karp. *Cell and Molecular Biology: Concepts and Experiments*. New York: John Whiley and Sons Inc., 1999  
Bruce Alberts et al., *Molecular Biology of the Cell*, 3rd ed. New York & London: Garland Publishing Inc., 1998  
Alberts B et al. *Essential Cell Biology*. New York and London: Garland Publishing Inc., 1998  
Benjamin Lewin. *Genes VI*. New York: Oxford University Press Inc., 1997  
Douglass J Forbes and Alexander D Johnson. *Current Opinion in Cell Biology*: Nucleus and gene expression. Vol 7. No3, 1995  
Bradford Talcott and Mary Shannon Moore. Getting across the nuclear pore complex. *Trends in Cell Biology* Vol. 9:312~318 August, 1999  
Fruke Melchior and Larry Gerace. Two-way trafficking with Ran. *Trends in Cell Biology*. Vol 8: 175~179, May, 1998  
Bertil Danchoft. A look at messenger RNP moving through the nuclear pore. *Cell*, Vol. 88: 585~588, March 7, 1997  
Angus I. Lamond and William C. Earnshaw. Structure and Function in the Nucleus. *Science*, Vol. 280(24):547~553, April, 1998  
Karolin Luger et al. Crystal structure of the nucleosome core particle at 2.8A resolution. *Nature*, Vol 389(18):251~259, Sept. 1997  
A Gregory Matera. Nuclear bodies: multifaceted subdomains of the interchromatin space. *Trends in Cell Biology* Vol . 9: 302~309 August, 1999  
Erich A. Nigg. Nucleocytoplasmic transport: signals, mechanisms and regulation. *Nature* Vol 386(24):779~787, April, 1997

- 翟中和主编. *细胞生物学*. 北京: 高等教育出版社, 1995  
汪堃仁, 薛绍白, 杨惠图主编. *细胞生物学 (第二版)*. 北京: 北京师范大学出版社, 1998

-----  
[7] 细胞骨架

- Thomas Kreis and Ronald Vale. *Guidebook to the Cytoskeletal and motor Proteins*. Oxford and New York: Oxford University press, 1999

Lodish, et al. Molecular Cell Biology. New York and Oxford: Scientific American Books, Inc., 1995

Alberts B et al. Essential Cell Biology. New York and London: Garland Publishing Inc., 1998

汪堃仁, 薛绍白, 杨惠图主编. 细胞生物学 (第二版). 北京: 北京师范大学出版社, 1998

Beat Ludin and Andrew Matus. GFP illuminates the Cytoskeleton. Trends in Cell Biology, 1998(8): 72~77

Jeffrey A Nickerson. The Malignant Alteration of Nuclear Architecture. Journal of Cell Biology Biochemistry, 1998(70): 172~180

#### ----- [8] 细胞的内膜系统

Aviel G Loewy, Philip Siekevitz, John T Menninger and Honathan A N Gallant. Cell Structure and Function. Saunders College Publishing, 1991

David S Goodsell. Inside a Living Cell. TIBS, 16, 203~206, 1991

Harvey Lodish et al. Molecular Cellular Biology. New York and Oxford: Scientific American Books, Inc., 1995

Ralf Erdmann, Marfan Veenhuis and Wolf-H. Kunau. Peroxisomes: organelles at the Crossroads. Trends in Cell Biology, Vol 7(100), 1997

Alberts B et al. Essential Cell Biology. New York and London: Garland Publishing Inc., 1998

Marilyn G Farquhar, George E Palade. The Golgi apparatus: 100 years of progress and controversy. Trends in Cell Biology, 2~10, 1998

#### ----- [9] 细胞外基质

Lodish, et al. Molecular Cell Biology. New York and Oxford: Scientific American Books, Inc., 1995

Alberts B et al. Essential Cell Biology. New York and London: Garland Publishing Inc., 1998

汪堃仁, 薛绍白, 杨惠图主编. 细胞生物学. 第二版. 北京: 北京师范大学出版社, 1998

#### ----- [10] 细胞生长分裂与细胞周期

翟中和主编. 细胞生物学. 北京: 高等教育出版社, 1995

汪堃仁, 薛绍白, 杨惠图主编. 细胞生物学 (第二版). 北京: 北京师范大学出版社, 1998

Alberts B, Bray D, Lewis J, et al. Molecular Biology of the Cell. 2nd ed. New York and London: Garland Publishing Inc., 1994

Brinkley B R, Ouspenski I, Zinkowski R P. Structure and molecular organization of the centromere-kinetochore complex. Trends Cell Biol, 1992(2):15~21

Cooper G M. The Cell: A molecular Approach. Washington D C: ASM Press, 1997

DeRobertis and De Robertis. Cell and Molecular Biology. 7th Ed. Philadelphia: Saunders College, 1980

Donaldson A, Blow J J. The regulation of origin activation. Curr Opin in Gen&Dev, 1999(9):62~68

Elledge S J. Mitotic Arrest: Mad2 prevents Sleepy from waking up the APC. Science, 1998(279):999~1000

Hutchison C J, Glover DD. Cell Cycle Control. IRL Oxford University Press, 1995

Kastan MB. Check point Controls and Cancer. Series Editor: J Tooze. Cancer Surveys, 1997, 29

Lew DJ and Reed SI. A PROLIFERATION OF CYCLINS. Trends in Cell Biology, 1992(2):77~81

Lodish, H Baltimore, D Berk, A Zipursky, SL Matsudaira, P Darnell J. Molecular Cell Biology. Third Edition. Scientific American Books Inc., 1995

Minura, Sandtakisawa H. Xenopus Cdc45-dependent loading of polymerase α onto chromatin under the control of S-phase CDK. EMBO J, 1998(170):5699~5707

Pines J. Cyclins and cyclin-dependent kinases: a biochemical view. Biochem J, 1995(308):697~711

Wolfe SL. Molecular and Cellular Biology. California: Wadsworth Publishing Company, Belmont, 1993

#### ----- [11] 细胞分化

Gerald Karp. Cell and Molecular Biology: concepts and experiments. 2nd ed. New York: John Wiley & Sons Inc., 1999

Bruce Alberts et al., Molecular Biology of the Cell, 3rd Edition. New York & London: Garland Publishing Inc., 1998

Bruce Alberts et al., Essential Cell Biology: An Introduction to Molecular Biology of the Cell. New York & London: Garland Publishing Inc., 1998

enjamin Lewin. Genes VI. New York: Oxford University Press Inc., 1997

Douglas J Forbes and Alexander D Johnson. Current Opinion in Cell Biology: Nucleus and gene expression. Vol 7. No 3, 1995

Miller WA著. 黄秀英, 劳为德, 郑瑞珍等译. 发育生物学. 北京: 高等教育出版社, 施普林格出版社, 1998

Christopher RR, Bjornson, et al. Turning Brain into Blood: A Hematopoietic fate adopted by Adult Neural Stem Cell in Vivo. Science, 1999(283):534~537

Scott F. Gilbert. Developmental Biology. Sinauer Associates. Inc., 1994

[12] 细胞的衰老与死亡

FB Johnson, DA Sinclair and L Guarente. Molecular biology of aging. *Cell*. 96: 291~302,1999

DA Sinclair and L Guarente. Extrachromosomal rDNA circles — a cause of aging in yeast. *Cell*.91:1033~1042,1997

HR Stennicke and S Salvesen. Properties of the caspases. *Biochimica et Biophysica Acta*.1387:17~31,1998

H McNeil and J Downward. Apoptosis: Ras to the rescue in the fly eye. *Current Biology*. 9:R176~R179,1999

H Ichijo et al. Induction of apoptosis by ALK1, a mammalian MAPKKK that activates SAPK/JNK and p38 signaling pathways. *Science*. 275:90~94,1997

[存档文本](#)

[我要入编](#) | [本站介绍](#) | [网站地图](#) | [京ICP证030426号](#) | [公司介绍](#) | [联系方式](#) | [我要投稿](#)

北京雷速科技有限公司 版权所有 2003-2008 Email: leisun@firstlight.cn