



学术报告

Structural studies of Nicotinamide adenine dinucleotide (NAD) metabolism

Professor Liang Tong (童亮教授)

Department of Biological Sciences, Columbia University, New York, U.S.

报告地点: 生物楼学术报告厅

报告时间: 2007年8月16日, 星期四, 上午9:30

报告人简介:

Prof. Liang Tong
Department of Biological Sciences
1212 Amsterdam Avenue
Columbia University
New York, NY 10027

EXPERIENCE:

September, 1997 — present
Department of Biological Sciences, Columbia University, New York, New York
Professor (July 04–present), Associate Professor (Sept. 97–June 04, tenured July 01)

August, 1992 — August, 1997
Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield, Connecticut
Principal Scientist (Jan. 96–Aug. 97), Senior Scientist (Aug. 92–Dec. 95)

August, 1989 — July, 1992
Purdue University, West Lafayette, Indiana
Post-Doctoral Research Associate (Prof. Michael G. Rossmann)

August, 1984 — July, 1989
University of California, Berkeley
Graduate Research Assistant (Prof. Sung-Hou Kim)

January, 1983 — July, 1983
Peking University, Beijing, China
Undergraduate Research Assistant (Prof. You-Qi Tang)

EDUCATION:

Ph. D., Biophysical Chemistry. December, 1989
University of California, Berkeley
B. Sc., Chemistry. July, 1983
Peking University (Beijing, P.R. China)

HONORS:

Phi Beta Kappa, 1989; Sigma Xi, 1991.
The Vice President's Golden Achievement Award, 1996. Boehringer Ingelheim Pharmaceuticals, Inc. Ridgefield, CT.
The first Boehringer Ingelheim worldwide Research and Development Award, 1997.

EDITORIAL BOARD:

J. Biol. Chem. (July 2006-)
Protein and Peptide Letters (Jan. 2006-Oct. 2006)
Protein and Peptide Letters, Editor for Eastern America (Oct. 2006-)
Contributor to Faculty of 1000

REPRESENTATIVE RECENT PUBLICATIONS

- Y. Bai, T.C. Auperin, C.-Y. Chou, G.-G. Chang, J.L. Manley & L. Tong (2007) Crystal structure of murine CstF-77: Dimeric association and implications for polyadenylation of mRNA precursors Mol. Cell 25: 863-875.
- C. Mandel, S. Kaneko, H. Zhang, D. Gebauer, V. Vethantham, J.L. Manley & L. Tong (2006) Polyadenylation factor CPSF-73 is the pre-mRNA 3'-end processing endonuclease Nature 444: 953-956.
- Y. Shen, C.-Y. Chou, G.-G. Chang & L. Tong (2006) Is dimerization required for the catalytic activity of bacterial biotin carboxylase? Mol. Cell 22: 807-818.
- J.A. Khan, X. Tao & L. Tong (2006) Molecular basis for the inhibition of human NMPRTase, a novel target for anticancer agents Nature Struct. Mol. Biol 13: 582-588.
- Y. Shen, S.L. Volrath, S.C. Weatherly, T.D. Elich & L. Tong (2004) A mechanism for the potent inhibition of eukaryotic acetyl coenzyme A carboxylase by soraphen A, a macrocyclic polyketide natural product Mol. Cell 16: 881-891.
- Zhang H, Yang Z, Shen Y, L. Tong (2003) Crystal structure of the carboxyltransferase domain of acetyl-coenzyme A carboxylase Science 299(5615): 2064-7.
- Jogl G, L. Tong (2003) Crystal structure of carnitine acetyltransferase and implications for the catalytic mechanism and fatty acid transport Cell. 112(1): 113-22.
- Y. Xu, X. Tao, B. Shen, T. Horng, R. Medzhitov, J.L. Manley, L. Tong (2000) Structural basis for signal transduction by the Toll/interleukin-1 receptor domains Nature 408: 111-115.

报告联系人: 吴江

欢迎有兴趣的老师和同学按时参加学术交流!

大连化学物理研究所
科技处 十八室
2007-08-15 09:43:40

©CopyRight 2000-2005 DICP 中国科学院大连化学物理研究所 版权所有 辽 ICP 备 05000861 号

大连市中山路 457 号 邮编:116023 457 Zhongshan Road,Dalian,China PC:116023

电话 (TEL):+86-411-84379163 传真 (FAX):+86-411-84691570