



张天蓝

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张天蓝: 博士, 教授, 博士生导师。

电话: (010)-8280 1539 (办公室)

E-mail: tlzhang@bjmu.edu.cn;

通讯地址: 北京市海淀区学院路38号, 北京大学医学部药学院化学生物学系

邮编: 100191

1978年10月至1982年7月就读于华南工学院化学系, 获化学专业理学学士学位。1984年9月至1987年7月就读于郑州大学/河南化学研究所, 获无机化学专业理学硕士学位, 此后在河南化学研究所从事配合物光化学和激发态电化学研究。

1994年9月至1995年9月在英国帝国理工学院光分子科学中心(Centre for Photomolecular Sciences, Imperial College, London)学习光生物化学。1995年任河南化学研究所副研究员。1996年9月至1999年7月就读于北京医科大学,

获药物化学专业理学博士学位并留校任教。2000年转为副教授，2004年至今为教授；其间，2005年6月至2008年1月曾任首都医科大学教授。

教学：讲授本科生课程无机化学和研究生课程固态生物无机化学。

科研：主要研究方向是抗白血病药物和生物矿化。

2000年以来主要论著：

1. Bian, S. ; Du, L.-W. ; Gao, Y.-X. ; Huang, J. ; Gou, B.-D. ; Li, X. ; Liu, Y. ; Zhang, T.-L. ; Wang, K., Crystallization in aggregates of calcium phosphate nanocrystals: A logistic model for kinetics of fractal structure development. *Cryst. Growth Des.* 2012, 12 (7), 3481-3488.
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