

姓名	段宏泉	职称	教授	所在部门	药学院	研究方向	天然先导化合物的衍生合成、分子药理学机制和基于化学生物学的靶点研究	
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教育背景								
1984.9~1988.7 天津医科大学药学院 (理学士) 1994.4~1997.3 日本国立德岛大学药学研究科硕士毕业(硕士学位) 1997.4~2000.3 日本国立德岛大学药学研究科博士毕业(博士学位)								
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1988.8~1994.3 天津市医药科学研究所 2000.4~2001.7 日本国立德岛大学药学部博士研究员 2001.8~2003.12 天津大学药物科学与技术学院中药系副主任, 教授 博士生导师 2004.1~至今 天津医科大学药学院 教授, 博士生导师								
研究成果 (本人具有代表性的论著、论文及主持的科研项目)								

<p>论著及编著</p>	<ol style="list-style-type: none"> 1. 药用植物的大规模工业化培养, 化学工业出版社, 编委, 2005.2, p282-311, ISBN 7-5025-6665-1. 2. 急性疼痛治疗学, 人民军医出版社, 参编, 2006.4, p42-582, ISBN 7-5091-0100-X. 3. 调节免疫和保肝中药现代研究与应用, 人民卫生出版社, 副主编, 2007 年 1 月, ISBN978-7-117-08310-2/R.8311。 4. 调节血脂中药现代研究与应用, 人民卫生出版社, 编委, 2007 年 1 月, ISBN978-7-117-08433-8/R.8434。 5. 《中药现代质量控制》, 编委, 天津大学出版社, 2005 年出版, 6. 普通高等教育“十一五”国家级规划教材《天然药物化学》, 编委, 高等教育出版社, 2009 年出版。
<p>论著及编著</p>	
<p>论文</p>	<ol style="list-style-type: none"> 1). Sesquiterpene alkaloids from <i>Tripterygium hypoglaucum</i>; Hongquan Duan, Kazuyoshi Kawazoe and Yoshihisa Takaishi, <i>Phytochemistry</i>, 1997, 45, 617-621. 2). Di- and Triterpenoids from <i>Tripterygium hypoglaucum</i>; Hongquan Duan, Kazuyoshi Kawazoe, Masahiko Bando, Masaru Kido and Yoshihisa Takaishi, <i>Phytochemistry</i>, 1997, 46, 535-543. 3). Structures of sesquiterpene polyol alkaloids from <i>Tripterygium hypoglaucum</i>; Hongquan Duan and Yoshihisa Takaishi, <i>Phytochemistry</i>, 1998, 49, 2185-2189. 4). Sesquiterpene evoninate alkaloids from <i>Tripterygium hypoglaucum</i>; Hongquan Duan and Yoshihisa Takaishi, <i>Phytochemistry</i>, 1999, 53, 1735-1738. 5). Novel sesquiterpene esters with alkaloid and monoterpene and related compounds from <i>Tripterygium hypoglaucum</i>: a new class of potent anti-HIV agents; Hongquan Duan, Yoshihisa Takaishi, Masahiko Bando, Masaru Kido, Yasuo Imakura and KuoHsiung Lee, <i>Tetrahedron Letters</i>, 1999, 40, 2969-2972. 6) Immunosuppressive diterpenoids from <i>Tripterygium wilfordii</i>; Hongquan Duan, Yoshihisa

Takaishi, Hiroshi Momota, Yasukazu Ohmoto, Takao, Taki, Yongfeng Jia, and Duan Li, *Journal of Natural Products*, 1999, 62, 1522-1525.

7) Sesquiterpene alkaloids from extracts of *Tripterygium wilfordii*; Hongquan Duan, Yoshihisa Takaishi, Yongfeng Jia, and Duan Li, *Chem. Pharm. Bull* 1999, 47 (11), 1664-1667.

8) Sesquiterpene alkaloids from *Tripterygium hypoglaucom* and *T. wilfordii*: a new class of potent anti-HIV agents; Hongquan Duan, Yoshihisa Takaishi, Yasuhiro Imakura, Yongfeng Jia, Duan Li, L. Mark Cosentino, Kuo-Hsiung Lee, *Journal of Natural Products*, 2000, 63, 357-361.

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10) Sesquiterpene polyol esters from *Tripterygium wilfordii*; Hongquan Duan, Yoshihisa Takaishi, Yong-Feng Jia and Duan Li, *Phytochemistry*, 2001, 56, 341-346.

11) Immunosuppressive sesquiterpene alkaloids from *Tripterygium wilfordii*; Hongquan Duan, Yoshihisa Takaishi, Hiroshi Momota, Yasukazu Ohmoto, Takao Taki, Yongfeng Jia and Duan Li, *Journal of Natural Products*, 2001, 64, 582-587.

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18) Immunosuppressive sesquiterpenes from *Tripterygium wilfordii*, *Chem. Pharm. Bull.*, Xiaodong Wang, Hongquan Duan* et al., 2005, (53)6, 607-610.

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20) TWO EUDESMANE SESQUITERPENES FROM *LAGGERA PTERODONTA*, YONG-BIN LIU, HONG-QUAN DUAN * et al, *JANPR*, 2006, 8 (4) , 303-307.

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<p>科研项目</p>	<ol style="list-style-type: none"> 1. 雷公藤标准化活性提取物的色谱指纹图谱研究,教育部优秀青年教师资助计划,15万元,2004-2006,负责人; 2.雷公藤有效部位质量控制和超临界萃取生产工艺研究,天津市科委重点基金项目,35万元,2004-2006,负责人; 3.委陵菜黄酮化合物生产工艺和抗糖尿病作用机制研究,天津市科学技术委员会重点项目,40万元,2007-2010,负责人。 4.抗糖尿病先导化合物委陵菜黄酮的构效关系及其作用机制研究,国家自然科学基金,30772635,30万元,2008-2010,负责人。 5.虾青素复方抗炎免疫及其作用机制研究,校企合作项目,8万元,2009.1-2009.6. 6.转筋草抗肿瘤转移生物碱成分、衍生合成及其构效关系研究,国家自然科学基金,81072540,34万元,2011-2013,负责人。 7.康艾注射液安全性再评价药学研究,校企合作项目,70万元,2010.5-2012.4,负责人。 8.转筋草抗肿瘤转移生物碱衍生合成及其构效关系研究,天津市科委重点基金,40万元,2011-2014. 负责人。 9.布洛芬缓释胶囊的研发,校企合作项目,73万元,2011-2014,负责人。 10.格列齐特缓释片剂的研发,校企合作项目,77万元,2011-2014,负责人。 11.红景天注射液质量控制与标准提升研究,校企合作项目,73万元,2013-2015,负责人。 12.先导化合物 Fla-CN 的结构优、抗糖尿病作用分子机制及其靶点研究,国家自然科学基金面上项目,81373297,2014-2017,80万元,负责人。 13.抗肿瘤转移先导化合物 ION-31a 的衍生合成、分子机制及靶点研究,国家自然科学基金面上项目,81673310,2017-1至2020-12,65万元,负责人。 14.手性生物碱衍生物 ION-31a 抗肿瘤转移作用靶点研究和结构优化,天津市科委重点基金,17JCZDJC32900,20万元,2017-2020,负责人。 15.抗糖尿病一类新药 Fla-CN 作用靶点的鉴定和系统验证,天津医科大学成果转化项目,负责人,201706-202005,20万元。 16. 中药经典名方复方标准煎液及制剂(颗粒剂)品种的技术开发,长白山制药(亳州)产业园有限公司,201806-202305,800万元,负责人。
<p>荣誉奖励</p>	

1. 2002年 天津大学教书育人优秀教师
2. 2004年 天津市特聘教授
3. 2005年 教育部新世纪优秀人才
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5. 2009年 天津市优秀留学回国人员
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其他事项