

个人简历

个人概况

姓名：潘莉

出生年月：1975年8月

最高学历：理学博士

专业：药物化学

研究领域：天然次生代谢产物的分离、结构鉴定及分析

现工作单位：美国俄亥俄州立大学药学院（The Ohio State University, College of Pharmacy）

职称：高级研究员（Senior Researcher）

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教育背景

1995-1999：青海师范大学生物系，获学士学位。

1999-2002：中国科学院西北高原生物研究所，获植物化学专业硕士学位；导师：张晓峰研究员。

2003-2006：中国科学院成都生物研究所，获药物化学专业博士学位；导师：丁立生研究员，张晓峰研究员。

科研经历

2007年6月-2012年8月：博士后，俄亥俄州立大学药学院（The Ohio State University, College of Pharmacy）；导师：A. Douglas Kinghorn，英国皇家药学院院士，期刊“*Journal of Natural Products*”主编，俄亥俄州立大学首席教授。

2012年8月至今：高级研究员（Senior Researcher），美国俄亥俄州立大学药学院（The Ohio State University, College of Pharmacy）；导师：A. Douglas Kinghorn，英国皇家药学院院士，期刊“*Journal of Natural Products*”主编，美国俄亥俄州立大学首席教授。

获奖情况

2002 年获地奥奖学金

2001-2002 年获中国科学院西北高原生物研究所一等奖学金

2006 年获中国科学院成都生物研究所优秀毕业生称号

主要的研究工作及成果

1. 热带植物抗癌成分的研究

2006至今，参与由美国国家癌症研究所（NCI）资助的多单位参与的长期合作大型课题“Discovery of Anticancer Agents of Diverse Natural Origin” (P01 CA125066)。独立对十余种有潜在抗癌活性的热带植物进行过化学成分的研究。在分离得到的近200多个化合物中，超过30%的化合物为未见报道的新化合物，超过40%的化合物在与抗癌作用相关的生物鉴定中显示明显的活性，包括对癌细胞的细胞毒活性，转录因子Nf- κ b的抑制活性，以及线粒体跨膜电位（MTP）抑制活性等。

2. 抗利士曼原虫活性化合物的研究
从一种产自墨西哥的传统玛雅文化药用植物（*Pentalinon andrieuxii*）中分离得到具抗利士曼原虫活性的甾体化合物。其中一个具有新结构的活性化合物（pentalinonsterol）已申请了国际专利。该发现直接促成了由美国国立卫生研究院（NIH）资助的课题“Development of novel therapeutics for a neglected tropical disease leishmaniasis（1RC4AI092624-01）”的成功申请。
3. 天然甜味剂的研究
参与奇华顿（Givaudan）国际香精香料公司资助的天然甜味剂的开发，从*Solidago canadensis*中分离得到首个抑制苦味感受器活性的二萜化合物。共同发表关于天然甜味剂和甜味修饰剂的专著。
4. 蓝藻（Blue algae）次生代谢产物的研究
参与Biosortia医药公司淡水蓝藻研究与开发项目，主要负责蓝藻次生代谢产物，尤其是多肽及其衍生物的分离与鉴定。
5. 农作物保护因子的研究
从植物*Helianthus tuberosus*中分离得到具刺激植物分泌自我防护代谢物的化合物。
6. 具化学预防（Chemoprevention）作用的天然产物的研究
从鳄梨（avocado）中分离得到两个具抑制癌细胞繁殖的化合物，分别作用于EGFR/RAS/RAF/MEK/ERK1/2 癌细胞代谢路径的不同靶点。
7. 传统藏药药用植物的研究
硕博期间，研究了藏药药用植物祁连獐牙菜、大果大戟、青藏大戟及唐古特瑞香的化学成分，共分离得到100多个化合物，其中10个鉴定为新化合物，包括一新骨架二萜化合物。

担任审稿人情况

2008年至今

Journal of Natural Products (co-published by the American

	Chemical Society and the American Society of Pharmacognosy).
2009年至今	<i>Anti-Cancer Agents in Medicinal Chemistry</i> (published by Bentham Science Publishers).
2010年至今	<i>Natural Product Communications</i> (published by Natural Product, Inc.)
2010年至今	<i>Pharmaceutical Biology</i> (published by Informa Pharmaceutical Science.)
2012年至今	<i>Molecules</i> (published by Multidisciplinary Digital Publishing Institute.)
2013年至今	<i>Natural Product Research</i> (published by Talor & Francis.)
2013年至今	<i>Food Science & Nutrition</i> (published by John Wiley & Sons, Inc.)
2013年至今	<i>Journal of Health Care for the Poor and Underserved</i> (published by the Johns Hopkins University Press)
2013年至今	<i>Journal of Saudi Chemical Society</i> (published by Elsevier)

发表论文情况

共发表论文41篇，第一作者20篇，包括SCI收录17篇，核心期刊2篇，书籍专章1篇；共同作者21篇，包括SCI收录13篇，核心期刊6篇及书籍专章2篇。

(注：文章按发表时间排序；IF为该杂志最近期的影响因子，更新时间为2013年七月)

1. **Li Pan**, John L. Woodard, David M. Lucas, James R. Fuchs and A. Douglas Kinghorn. Rocaglamide, Silvestrol and Structurally Related Bioactive Compounds from *Aglaia* Species. *Natural Products Reports*. (已接收, 出版中) (IF: 10.178)
2. Lynette Bueno Pérez, **Li Pan**, Ulyana Muñoz Acuña, Jie Li, Hee-Byung Chai, Judith C. Gallucci, Tran Ngoc Ninh, Esperanza J. Carcache de Blanco, Djaja D. Soejarto and A. Douglas Kinghorn. *Organic Letters* **2014**, 16, 1468-1471. (IF: 5.862)
3. **Li Pan**, Ulyana Muñoz Acuña, Jie Li, Nivedita Jena, Tran Ngoc Ninh, Caroline M. Pannell, Heebyung Chai, James R. Fuchs, Esperanza J. Carcache de Blanco, Djaja D. Soejarto, and A. Douglas Kinghorn. Bioactive Flavaglines and Other Constituents Isolated from *Aglaia perviridis*. *Journal of Natural Products* **2013**, 76, 394-404. (IF: 3.128)
4. Jie Li, **Li Pan**, Ye Deng, Ulyana Muñoz-Acuña, Chunhua Yuan, Hongshan Lai, Heebyung Chai, Tangai E. Chagwedera, Norman R. Farnsworth, Esperanza J. Carcache de Blanco, Chenglong Li, Djaja D. Soejarto, and A. Douglas Kinghorn. Sphenostylisins A-K: Bioactive Modified Isoflavonoid Constituents of the Root Bark of *Sphenostylis marginata* ssp. *Erecta*. *Journal of Organic Chemistry*, **2013**, 78, 10166-10177. (IF: 4.564)
5. Patrick C Still, Bitna Yi, Tatiana F González-Cestari, **Li Pan**, Ryan E Pavlovicz, Hee-Byung Chai, Tran Ngoc Ninh, Chenglong Li, Djaja Djendoel Soejarto, Dennis B McKay, A Douglas Kinghorn. Alkaloids from *Microcos paniculata* with Cytotoxic

- and Nicotinic Receptor Antagonistic Activities. *Journal of Natural Products* **2013**, 76, 243-249. (IF: 3.128)
6. Lynette Bueno Pérez, Jie Li, Daniel D. Lantvit, **Li Pan**, Tran Ngoc Ninh, Hee-Byung Chai, Djaja Djendoel Soejarto, Steven M. Swanson, David M. Lucas, and A. Douglas Kinghorn. Bioactive Constituents of *Indigofera spicata*, *Journal of Natural Products* **2013**, 76, 1498-1504. (IF: 3.128)
 7. Samuel A Spear, Sarah S Burns, Janet L. Oblinger, Yulin Ren, **Li Pan**, A Douglas Kinghorn, D Bradley Welling, and Long-Sheng Chang. Natural compounds as potential treatments of NF2-deficient schwannoma and meningioma: cucurbitacin D and goyazensolide. *Otology & neurotology* **2013**, 34, 1519-27. (IF: 2.014)
 8. **Li Pan**, Cesar Terrazas, Claudio M. Lezama-Davila, Nirmala Rege, Judith C. Gallucci, Abhay R. Satoskar, and A. Douglas Kinghorn. Cordifolide A, a sulfur-containing clerodane diterpene glycoside from *Tinospora cordifolia*. *Organic Letters* **2012**, 14, 2118-2121. (IF: 5.862)
 9. **Li Pan**, Claudio M. Lezama-Davila, Angelica P. Isaac-Marquez, Edward P. Calomeni, James R. Fuchs, Abhay R. Satoskar, and A. Douglas Kinghorn. Sterols with antileishmanial activity isolated from the roots of *Pentalinon andrieuxii*. *Phytochemistry* **2012**, 82, 128-135. (IF: 3.351)
 10. Jie Li, Ye Deng, Chunhua Yuan, **Li Pan**, Hee-Byung Chai, William J Keller, A Douglas Kinghorn. Antioxidant and Quinone Reductase-inducing Constituents of Black Chokeberry (*Aronia melanocarpa*) Fruits. *Journal of Agriculture and Food Chemistry*, **2012**, 60 (46), 11551–11559. (IF: 2.823)
 11. Houda Alachkar, Ramasamy Santhanam, Jason G Harb, David M Lucas, Joshua J Oaks, Christopher J Hickey, **Li Pan**, A Douglas Kinghorn, Michael A Caligiuri, Danilo Perrotti, John C Byrd, Ramiro Garzon, Michael R Grever and Guido Marcucci. *Journal of Hematology & Oncology* **2013**, 6:21 (IF: 4.46)
 12. **Li Pan**, Yeonjoong Yong, Ye Deng, Daniel D. Lantvit, Tran Ngoc Ninh, Heebyung Chai, Esperanza J. Carcache de Blanco, Djaja D. Soejarto, Steven M. Swanson, A. Douglas Kinghorn Isolation, structure elucidation and biological evaluation of 16,23-epoxycucurbitacin constituents from *Eleocharpus chinensis*. *Journal of Natural Products* **2012**, 75, 444-452. (IF: 3.128)
 13. **Li Pan**, Hee-byung Chai, and A. Douglas Kinghorn. Discovery of new anticancer agents from higher plants. *Frontiers in Bioscience* (Scholar Edition), **2012**, S4, 142-156. (IF: 3.950)
 14. Lynette Bueno Pérez, **Li Pan**, Ellen Sass, Sneha V. Gupta, Amy Lehman, A. Douglas Kinghorn, David M. Lucas. Potentiating Effect of the Flavonolignan (-)-Hydnocarpin in Combination with Vincristine in a Sensitive and P-gp-Expressing Acute Lymphoblastic Leukemia Cell Line. *Phytotherapy Research*, **2012**, PMID 23280566 (IF: 2.086)
 15. Lapo Alinari, Courtney J. Prince, Ryan B. Edwards, William H. Towns, Rajeswaran Mani1, Amy Lehman, Xiaoli Zhang, David Jarjoura, **Li Pan**, A. Douglas Kinghorn, Michael R. Grever, Robert A. Baiocchi, and David M. Lucas. Dual Targeting of the Cyclin/Rb/E2F and Mitochondrial Pathways in Mantle Cell Lymphoma with the

- Translation Inhibitor Silvestrol. *Clinical Cancer Research* **2012**, 18, 4601-4611. (IF: 7.742)
16. **Li Pan**, Susan Matthew, Daniel D. Lantvit, Xiaoli Zhang, Tran Ngoc Ninh, Heebyung Chai, Esperanza J. Carcache de Blanco, Djaja D. Soejarto, Steven M. Swanson, and A. Douglas Kinghorn. Bioassay-guided isolation of constituents of *Piper sarmentosum* using a mitochondrial transmembrane potential assay. *Journal of Natural Products* **2011**, 74, 1873-1878. (IF: 3.128)
 17. Steven M. D'Ambrosio, Chunhua Hana, **Li Pan**, A. Douglas Kinghorn, and Haiming Ding. Aliphatic acetogenin constituents of avocado fruits inhibit human oral cancer cell proliferation by targeting the EGFR/RAS/RAF/MEK/ERK1/2 pathway. *Biochemical and Biophysical Research Communications* **2011**, 403, 465-469. (IF: 2.484)
 18. Sneha V. Gupta, Ellen J. Sass, Melanie E. Davis, Ryan B. Edwards, Gerard Lozanski, Nyla A. Heerema, Amy Lehman, Xiaoli Zhang, David Jarjoura, John C. Byrd, **Li Pan**, Kenneth K. Chan, A. Douglas Kinghorn, Mitch A. Phelps, Michael R. Grever, and David M. Lucas. Resistance to the translation initiation inhibitor silvestrol is mediated by ABCB1/P-glycoprotein overexpression in acute lymphoblastic leukemia cells. *The AAPS Journal* **2011**, 13, 357-364. (IF: 5.086)
 19. **Li Pan**, Hee-byung Chai, and A. Douglas Kinghorn. The continuing search for antitumor agents from higher plants. *Phytochemistry Letters* **2010**, 3(1), 1-8. (IF: 1.222)
 20. A. Douglas Kinghorn, **Li Pan**, Joshua N. Fletcher, and Heebyung Chai. The relevance of higher plants in lead compound discovery programs. *Journal of Natural Products* **2011**, 74, 1539-1555. (IF: 3.128)
 21. **Li Pan**, Xiao-Feng Zhang, Ye Deng, Yan Zhou, Huan Wang, and Li Sheng Ding. Chemical constituent investigation of *Daphne tangutica*. *Fitoterapia* **2010**, 81, 38-41. (IF: 1.848)
 22. **Li Pan**, Daniel D. Lantvit, Soedarsono Riswan, Leonardus B.S. Kardono, Heebyung Chai, Esperanza J. Carcache de Blanco, Norman R. Farnsworth, Djaja Doel Soejarto, Steven M. Swanson, and A. Douglas Kinghorn. Bioactivity-guided isolation of cytotoxic sesquiterpenes of *Rolandra fruticosa*. *Phytochemistry* **2010**, 71, 635-640. (IF: 3.351)
 23. **Li Pan**, Leonardus B. S. Kardono, Soedarsono Riswan, Heebyung Chai, Esperanza J. Carcache de Blanco, Caroline M. Pannell, Djaja Doel Soejarto, Thomas G. McCloud, David J. Newman, and A. Douglas Kinghorn. Isolation and characterization of minor analogues of silvestrol and other constituents from a large-scale re-collection of *Aglaia foveolata*. *Journal of Natural Products* **2010**, 73, 1873-1878. (IF: 3.128)
 24. Jeong-Ah Kim, Edward K. Lau, **Li Pan**, and Esperanza J. Carcache de Blanco. NF-kB inhibitors from *Brucea javanica* exhibiting intracellular effects on reactive oxygen species. *Anticancer Research* **2010**, 230, 3295-3300. (IF: 1.725)
 25. **Li Pan**, Young-Won Chin, Hee-Byung Chai, Tran Ngoc Ninh, Djaja Djendoel Soejarto, and A. Douglas Kinghorn. Bioactivity-guided isolation of cytotoxic

- constituents of *Brucea javanica* collected in Vietnam. *Bioorganic & Medicinal Chemistry* **2009**, *17*, 2219-2224. (IF: 2.921)
26. **Li Pan**, Michelle R. Sinden, Aaron H. Kennedy, Hee-byung Chai, Linda E. Watson, Terrence L. Graham, and A. Douglas Kinghorn. Bioactive constituents of *Helianthus tuberosus* (Jerusalem artichoke). *Phytochemistry Letters* **2009**, *2*, 15-18. (IF: 1.222)
27. 吴海峰, 潘莉, 丁立生, 张晓峰 藏药五脉绿绒蒿的化学成分研究 *天然产物研究与开发* **2007** 年 9 卷, 811-813
28. 吴海峰, 张晓峰, 邓焯, 潘莉, 丁立生 藏药熏到牛的化学成分 *中国中药杂志* **2007** 年 32 卷, 2141-2143
29. **Li Pan**, Xiao-Feng Zhang, Hai-Feng Wu, and Li-Sheng Ding. A new daphnane diterpene from *Daphne tangutica*. *Chinese Chemical Letters* **2006**, *16*, 38-40. (IF: 0.805)
30. **Li Pan**, Kai-Bei Yu, Shu-Lin Peng, Yan Zhou, and Li-Sheng Ding. *ent*-3,16-Dihydroxyisopimar-7-ene-2,15-dione: a new tricyclic diterpenoid from the roots of *Euphorbia wallichii*. *Acta Crystallographica* (Section E) **2006**, *E62*, o1643-o1644. (IF: 0.347)
31. **Li Pan**, Ping Zhou, Xiao-feng Zhang, Shu-lin Peng, Li-sheng Ding, and Samuel X. Qiu. Skeleton-rearranged pentacyclic diterpenoids possessing a cyclobutane ring from *Euphorbia wallichii*. *Organic Letters* **2006**, *8*, 2775-2778. (IF: 5.862)
32. **Li Pan**, Xiao-feng Zhang, Ye Deng, Huan Wang, Da-gang Wu, and Xiao-dong Luo. Chemical constituents from the whole plant of *Euphorbia altotibetica*. *Helvetica Chimica Acta* **2003**, *86*, 2525-2532. (IF: 1.478)
33. 吴海峰, 潘莉, 邹多生, 杨胜军, 张晓峰 三种绿绒蒿挥发油化学成分的 GC-MS 分析. *中国药理学杂志* **2006** 年 41 卷, 1298-1300.
34. 熊辉岩, 王环, 张晓峰, 潘莉 HPLC determination of anthraquinones from various parts of *R. tanguticum*, *R. undulatum* and *R. spiciforma*. *西北药学学报* **2003** 年 23 卷, 328-331.
35. 王环, 张晓峰, 潘莉, 杨淑敏, 马云宝, 罗晓东 大果大戟的化学成分 *天然产物研究与开发* **2003** 年 15 卷, 483-486
36. 潘莉, 张晓峰, 王明奎, 廖志新, 丁立生 祁连山牙菜化学成分研究. *中草药* **2002** 年 33 卷, 583-586
37. 潘莉, 王明奎, 彭树林, 张晓峰, 丁立生 须花藤的化学成分 *天然产物研究与开发* **2002** 年 14 卷, 29-32
38. 王环, 潘莉, 张晓峰 HPLC 法测定天仙子和马尿泡中 3 种托烷类生物碱的含量, *西北药学学报* **2002** 年 17 卷, 9-10

发表书籍专章情况

39. **Li Pan**, Esperanza Carcache De Blanco, and A. Douglas Kinghorn. Plant-derived Natural Products as Leads for Drug Discovery. In *Plant-derived Natural Products:*

Synthesis, Function and Application. Edited by A. Osbourn and V. Lanzotti. Springer. Heidelberg, **2009**, pp 547-567.

40. Ah-Reum Han, Ye Deng, Yulin Ren, **Li Pan**, A. Douglas Kinghorn. Plant-derived Anticancer Agents Used in Western and Oriental Medicine. In *Dietary Compounds and Immune Function; Prevention and Treatment of Disease and Cancer*. Edited by R.R. Watson, S. Zibadi, and V.R. Preedy. Humana, Totowa, New Jersey, **2010**, Part 3, pp 317-333.
41. A. Douglas Kinghorn, Yong-Won Chin, **Li Pan**, and Zhonghua Jia. Natural Products as Sweeteners and Sweetness Modifiers. In *Comprehensive Natural Products Chemistry II: Chemistry and Biology*; vol.6. Series Editors, L. Mander and H.-W. Liu, Volume Editor, R. Verpoorte. Elsevier, Oxford, U.K., **2010**, pp269-315.

学术活动（参加国际学术交流会议情况）

1. **Li Pan**, Michelle Sinden, Aaron H. Kennedy, Heebyung Chai, Linda E. Watson, Terry Graham, and A. Douglas Kinghorn. "Diterpenoids and Sesquiterpene Lactones from *Helianthus tuberosus*". 7th Annual Oxford International Conference on the Science of Botanicals and American Society of Pharmacognosy 4th Interim Meeting; Mississippi, April 2008; poster presentation.
2. Angela A. Salim, Joshua N. Fletcher, **Li Pan**, Hee-Byung Chai, Soedarsono Riswan, Leonardus B.S. Kardono, Norman R. Farnsworth, Pui-Kai Li, and A. Douglas Kinghorn. "Preparation and Cytotoxic Evaluation of Semi-synthetic Derivatives of Silvestrol". 49th Annual Meeting of the American Society of Pharmacognosy; Athens, Greece, August 2008; poster presentation.
3. Jeong Ah Kim, Edward Ka Chong Lau, **Li Pan**, A. Douglas Kinghorn, and Esperanza J. Carcache de Blanco. "NF-kB Inhibitors Exhibiting Rapid Intracellular Amplification of Reactive Oxygen Species". 49th Annual Meeting of the American Society of Pharmacognosy; Athens, Greece, August 2008; poster presentation.
4. **Li Pan**, Leonardus B.S. Kardono, Soedarsono Riswan, Heebyung Chai, Djaja Doel Soejarto, and A. Douglas Kinghorn. "Isolation and Characterization of Silvestrol Analogs and Triterpenes from a Large-scale Recollection of *Aglaia foveolata*". 50th Anniversary Meeting of American Society of Pharmacognosy; Honolulu, Hawaii, June 2009; poster presentation.
5. **James R. Fuchs**, Michael Corcoran, **Li Pan**, Heebyung Chai, and A. Douglas Kinghorn "Preparation and Evaluation of Silvestrol Analogs". 50th Annual Meeting of the American Society of Pharmacognosy; Honolulu, Hawaii, June 2009; poster presentation.
6. **Li Pan**, Susan Bijoo Matthew, Djaja Djendoel Soejarto, Tran Ngoc Ninh, A. Douglas Kinghorn, and Esperanza J. Carcache-Blanco "Bioassay-guided Isolation of Constituents of *Piper arboricola* Using a Mitochondrial Transmembrane Potential Assay". 51th Annual Meeting of the American Society of Pharmacognosy; St. Petersburg, Florida, June 2010; poster presentation.
7. **Li Pan**, Daniel D. Lantvit, Soedarsono Riswan, Leonardus B.S. Kardono, Hee-Byung Chai, Esperanza J. Carcache de Blanco, Norman R. Farnsworth, Djaja Doel Soejarto, Steven M. Swanson, and A. Douglas Kinghorn. "Bioactivity-guided Isolation of

- Cytotoxic Sesquiterpenes of *Rolandra fruticosa*". 51th Annual Meeting of the American Society of Pharmacognosy; St. Petersburg, Florida, June 2010; poster presentation.
8. **Li Pan**, Claudio M. Lezama-Davila, Angelica P. Isaac-Marquez, Abhay R. Satoskar, and A. Douglas Kinghorn. "Sterols with Antileishmanial Activity Isolated from the Roots of *Pentalinon andrieuxii*". 51th Annual Meeting of the American Society of Pharmacognosy; St. Petersburg, Florida, June 2010; poster presentation.
 9. **James R. Fuchs**, John L. Woodard, Michael Corcoran, **Li Pan**, Heebyung Chai, and A. Douglas Kinghorn "Design, Synthesis, and Evaluation of Silvestrol Analogs". 51th Annual Meeting of the American Society of Pharmacognosy; St. Petersburg, Florida, June 2010; poster presentation.
 10. **David M. Lucas**, Ellen J. Sass, Ryan B. Edwards, **Li Pan**, Gerard Lozanski, Nyla A. Heerema, John C. Byrd, A. Douglas Kinghorn, and Michael R. Grever. "Resistance to the Novel Translation Inhibitor Silvestrol is Mediated by Elevated Mcl-1 Expression". 51st American Society of Hematology Annual Meeting and Exposition; New Orleans, Louisiana, December 2009; poster presentation.
 11. **Li Pan**, Susan Matthew, Hee-Byung Chai, Tran Ngoc Ninh, Nan M. Kleinholz, Kari B. Green-Church, Djaja Djendoel Soejarto, Esperanza J. Carcache de Blanco, A. Douglas Kinghorn. "Isolation and Analysis of Aristolochic Acid I and Other Compounds from the Roots and Other Plants Parts of *Antidesma bunius*". 52 th Annual Meeting of the American Society of Pharmacognosy; San Diego, California, July 2011; poster presentation.
 12. **Li Pan**, Susan Matthew, Daniel D. Lantvit, Kyle Porter, Tran Ngoc Ninh, Heebyung Chai, Esperanza J. Carcache de Blanco, Djaja Doel Soejarto, Steven M. Swanson, and A. Douglas Kinghorn. "Bioassay-guided Isolation of Constituents of *Piper Samentosum* Using A mitochondrial Transmembrane Potential Assay" 52 th Annual Meeting of the American Society of Pharmacognosy; San Diego, California, July 2011; poster presentation.
 13. **Lynette Bueno Pérez**, **Li Pan**, Ellen J. Sass, Sneha V., Gupta, Ryan B. Edwards, A. Douglas Kinghorn, David M. Lucas. "Natural Product Cytotoxicity Evaluation in an Acute Lymphoblastic Leukemia Cell Line Overexpressing p-Glycoprotein". 52 th Annual Meeting of the American Society of Pharmacognosy; San Diego, California, July 2011; poster presentation.
 14. **Patrick C. Still**, **Li Pan**, Tran Ngoc Ninh, Djaja Doel Soejarto, Heebyung Chai, David M. Lucas, Esperanza J. Carcache de Blanco, Steven M. Swanson, and A. Douglas Kinghorn. "Bioactivity-guided Isolation of Microgrewiapine, a Cytotoxic Piperidine Alkaloid from *Griwia Paniculata*". 52 th Annual Meeting of the American Society of Pharmacognosy; San Diego, California, July 2011; poster presentation.
 15. **James R. Fuchs**, Dalia Abdelhamid, **Li Pan**, Claudio M. Lezama-Davila, Abhay R. Satoskar, and A. Douglas Kinghorn. "Isolation and Synthesis of Antileishmanial Agent from *Pentalinon Andrieuxii*". 52 th Annual Meeting of the American Society of Pharmacognosy; San Diego, California, July 2011; poster presentation.
 16. **Dalia Abdelhamid**, **Li Pan**, Claudio M. Lezama-Davila, Abhay R. Satoskar, and A. Douglas Kinghorn, and James R. Fuchs. "Synthesis and modification of natural

- sterols possessing antileishmanial activity”. 243rd American Chemistry Society National Meeting & Exposition, San Diego, CA, United States, March 2012; poster presentation.
17. Lynette Bueno Pérez, Jie Li, Heebyung Chai, **Li Pan**, Tran Ngoc Ninh, Djaja Doel Soejarto, David M. Lucas, and A. Douglas Kinghorn. “Potential cancer chemotherapeutic agents from *Indigofera spicata*”. 2012 International Congress on Natural Products Research; New York City, New York, July 2012; poster presentation.
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