



Zhijun Liu

Professor

Medicinal Plant Lab

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Education:

- Ph.D., Plant Physiology, Michigan State University
- M.S., Forest Ecology, Oklahoma State University
- B.S., Forestry, Henan Agricultural University

Areas of Specialization:

- Fingerprinting analysis and standardization protocol development of botanical extracts
- Fractionation, isolation, purification and identification of natural anti-angiogenic and anti-cancer compounds
- Preparation of botanical extracts and pure natural compounds for treatment of diseases related to angiogenesis such as cancer, obesity, retinopathy, and psoriasis
- Solubility improvement of pharmaceutical and bioactive compounds
- Biological sample analyses using LC-MS for compounds absorption

Achievements:

- Awarded 26 grants
- Has received over 3.5 million dollars in research funding
- Authored over 50 peer-reviewed and 40 non-referenced publications
- Licensed "Super Noni" technology
- Inventor of 6 patent applications
- Won 2009 Gamma Sigma Delta Faculty Research Award of Merit
- Won 2000 Gamma Sigma Delta Teacher Merit Honor Roll Award
- Listed on Manchester Who's Who
- Member, Xi Sigma Pi

Intellectual Property on the Web:

http://www.lsuagcenter.com/en/administration/about_us/chancellors_office/intellectual_property/