

Prof De-an Guo

Male, born April 24, 1962. Received Ph.D. of Pharmacognosy in Beijing Medical University in 1990. He has been working in Beijing Medical University since 1990. Worked as a postdoctor in Department of Chemistry and Biochemistry, Texas Tech University, USA from 1993 to 1996, pursuing biosynthesis and biotransformation studies on natural products. Currently as a professor of School of Pharmaceutical Sciences and deputy director of Modern Research Center for Traditional Chinese Medicines; Promoted as a full professor in 1997. Principal social concurrent posts include member of Drug Evaluation Committee of SFDA; Panel of National High-tech Program; Editorial Board member of journals of *Planta Medica*, *Phytomedicines*, *Natural Products Communications*, etc.

Over 240 papers have been published in domestic and international peer reviewed journals, among which 110 papers were published in SCI cited journals.

Received the first grade award of Natural Science Research from Ministry of Education in 2005, the third grade award of Paul Janssen Pharmaceutical Research Award in 1997. Received the National Outstanding Youth Grant of NSFC in 1999.

He has been appointed as a Ph.D. student supervisor since 1999 and supervised 8 postdoctors, 16 Ph.D. students. Typical publications are listed as following:

1. Mechanism of hydrogen migration from C-24 to C-25 during phytosterol biomethylation. **J Amer Chem Soc** 1996, 118(35): 8507-8508.
2. Biotransformation of 2 α , 5 α , 10 β , 14 β -tetra-acetoxy-4(20), 11-taxadiene by ginkgo Cell Suspension Cultures, **Tetrahedron Lett.** 2001, 42(28): 4677-4679.
3. Specific 12 β -hydroxylation of cinobufagin by filamentous fungi, **Appl Environm Microb**, 2004, 70:3521-3527.
4. Analysis of Homoisoflavonoids in *Ophiopogon japonicus* by HPLC-MS-ESI-MS, **J Am Soc Mass Spectrom**, 2005, 16: 234-243.
5. Identification of Twenty-three Flavonoids in *Dalbergia odorifera* by High Performance Liquid Chromatography- Electrospray Ionization-Mass Spectrometry, **Rapid Commun Mass Sp**, 2005, 19: 1557-1565.
6. Electrospray and Atmospheric Pressure Chemical Ionization-Ion Trap Tandem Mass Spectrometry Investigations of Taxoids, **Rapid Commun Mass Sp**, 2005, 19: 818-824.
7. Min Ye, De-an Guo*, Analysis of Bufadienolides in the Chinese Drug ChanSu by High-Performance Liquid Chromatography/Diode Array Detection/Atmospheric Pressure Chemical Ionization-Tandem Mass Spectrometry, **Rapid Commun Mass Sp**, 2005, 19: 1881-1892.
8. Min Ye, Yuning Yan, Dean Guo*, Characterization of phenolic compounds in the Chinese herbal drug Tusizi by liquid chromatography coupled to Electrospray Ionization-Mass Spectrometry, **Rapid Commun Mass Sp**, 2005, 19(11): 1469-1484.

9. MinYe, De-an Guo*, Substrate Specificity for the 12 β -Hydroxylation of Bufadienolides by *Alternaria alternata*, **J Biotech**, 2005, 117: 253-262.
10. Identification and determination of major flavonoids in rat urine by HPLC-UV and HPLC-MS methods following oral administration of *Dalbergia odorifera* extract, **Biomed Chromatography**, 2006,20: 101-108.