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Introduction

2009 International Conference on Computer and Information Technology in Pharmacy

Pharmacy concerns the design, evaluation, production and use of medicines. As such, it is a multi-disciplinary science of the medical, chemical, biological and computer sciences. The 2009 International Conference on Computer and Information Technology in Pharmacy (CITP 2009) will be held in August 14-16, 2009, in the beautiful city Wuxi, Jiangsu, China. The conference is organized by the School of Information Technology, Jiangnan University, China, and Fourth People's Hospital of Wuxi. The meeting is a thematic conference of the DCABES (<http://www.dcabes.org/>) community. The goal of this meeting is to present the latest development in computer information technology applied to pharmacy. In particular the conference will solicit work in drug analysis algorithm, pharmacokinetics, therapeutic monitoring, pharmacoeconomics, electronic commerce for pharmacy, and drug analysis software tools and platforms. Topics of the meeting include but are not limited to:

1. Algorithms for drug analysis
 - (1) Numerical methods for pharmacokinetics (including distributed and high performance computing applications)
 - (2) Medical data processing methods and data-mining
 - (3) Data expression and visualization
 - (4) Modelling and computing
 - (5) Artificial intelligence and expert systems
2. Pharmacokinetics
 - (1) Pharmacokinetics of new drugs
 - (2) Pharmacokinetic/pharmacodynamic modeling
 - (3) Population pharmacokinetics
 - (4) Matabonomics / genomics
3. Therapeutic monitoring
4. Pharmacoeconomics
5. Electronic commerce for pharmacy
6. Software and platform for pharmacy