

YEPING ZHAO, Ph. D.

PROFESSIONAL EXPERIENCES

<i>Roche Pharmaceuticals</i> , Palo Alto, CA	07/06-
Principal Research Scientist , Drug Metabolism/Pharmacokinetics	
<i>Galileo Pharmaceuticals Inc.</i> , Santa Clara, CA	04/05-04/06
Director , Drug Metabolism/Pharmacokinetics	
<i>Exelixis, Inc.</i> , South San Francisco, CA	
Associate Director , Drug Metabolism/Pharmacokinetics	01/04-03/05
Sr. Research Scientist , Drug Metabolism/Pharmacokinetics	01/02-12/03
Research Scientist , Pharmacology	05/01-12/01
<i>Corixa Corporation</i> , South San Francisco, CA	08/00-04/01
Group Leader , Bioanalytical/Analytical Chemistry and Drug Safety Evaluation	
<i>Sugen, Inc.</i> , a subsidiary of <i>Pharmacia Corp.</i> , South San Francisco, CA	03/99-
08/00	
Scientist II , Bioanalysis, Metabolism and Pharmacokinetics	
<i>University of California at San Francisco (UCSF)</i>	06/97-
02/99	
Postdoctoral Fellow , Department of Biopharmaceutical Sciences,	
<i>University of Kansas</i> , Lawrence, KS	08/92-
05/97	
Research Assistant (NIH supported), Bioanalytical and Pharmaceutical Chemistry	
<i>Long Island University</i> , Brooklyn, NY	09/90-07/92
Research Fellow (ACS supported), Analytical and Physical Chemistry	
<i>Tsinghua University</i> , Beijing, China	06/87-09/ 90
Assistant Professor , Biochemical Engineering	

EDUCATION

- Ph.D.** *Bioanalytical & Pharmaceutical Chemistry*, University of Kansas, Lawrence, Kansas.
M.S. *Analytical Chemistry*, Long Island University, Brooklyn, New York.
M.S. *Analytical Chemistry*, Institute of Applied Chemistry, Chinese Academy of Sciences.
B.S. *Chemistry*, Southwest University, Chongqing, China

PROFESSIONAL ACTIVITIES

- Reviewer of National Science Foundation, Bioanalytical Chemistry, since 2003.
- Reviewer of *J. Pharm. Biomed. Analysis* (ID: 271) since 1997.
- Judge in Chemistry for Intel International Science and Engineering Fair, San Jose, CA. 2001
- Member of American Association of Pharmaceutical Scientists (AAPS)
- Member of American Society for Mass Spectrometry (ASMS)
- Member of International Society of the study of Xenobiotics (ISSX)

AWARDS AND HONORS

- Special Contribution Award, 2007, Roche Pharmaceuticals.
- Proctor & Gamble Research Travel Award, 1997, University of Kansas.
- Graduate Student Presenter Travel Award, 1996, University of Kansas.
- Research Assistantship (National Institute of Health), 1994-1997, University of Kansas.
- Research Fellowship (American Chemical Society), 1990-1991, Long Island University.

MAJOR PUBLICATIONS

- **Y. Zhao** and Lucy Yuan, "A new method of determination glucuronide in PK samples without analytical standard by LC/MS/MS" manuscript in preparation
- **Y. Zhao**, R. Cho and J. Ren, "A new method of protein binding assay with microdialysis and LC/MS/MS" manuscript in preparation for *J. Pharm. Biomed. Anal.* **2007**
- **Y. Zhao** and J. Sukbuntherng, "Simultaneous determination of SU5416, Z-3-[(2,4-dimethylpyrrol-5-yl) methylidenyl]-2-indolinone, and its unstable geometrical isomer, SU5886 in rat plasma by LC/MS/MS", *J. Pharm. Biomed. Anal.* 38, 3: 479-486, **2005**
- **Y. Zhao**, E. Lin, E. Zurlinden and J. Conte, "A high-pressure liquid chromatographic-tandem mass spectrometric method for the determination of Ethambutol in human plasma, bronchoalveolar lavage fluid, and alveolar cell", *J. Chromatogr. Science*, 40, 113, **2002**.
- **Y. Zhao**, C. Yang and L. Antonian, "Simultaneous determination of SU5416 and its phase I and phase II metabolites in rat and dog plasma by LC/MS/MS", *J. Pharm. Biomed. Anal.* 25, 5-6: 821-832, **2001**
- **Y. Zhao** and C. Lunte, "pH-mediated field amplification on-column preconcentration of anions in physiological samples for capillary electrophoresis", *Anal. Chem.* 71, 3985-3991, **1999**
- **Y. Zhao**, K. McLaughlin and C. Lunte, "On-column sample pre concentration using sample matrix switching and field amplifying for increased sensitivity of capillary electrophoretic analysis of physiological samples", *Anal. Chem.* 70, 4578-4585, **1998**
- D. Rogers, **Y. Zhao**, M. Traetteberg and M. Hulce, "Enthalpies of hydrogenation and formation of enones. Resonance energies of 2-cyclopentenone and 2-cyclohexenone", *J. Chem. Thermodynamics*, 30, 1393-1400, **1998**
- **Y. Zhao**, "The analysis of pharmaceutical compounds in physiological fluids by microdialysis sampling technique and capillary electrophoresis", *Ph. D. Dissertation*, The University of Kansas, Lawrence, Kansas, USA, **1997**
- **Y. Zhao** and C. Lunte, "Determination of caffeine and its metabolites by micellar electrokinetic capillary electrophoresis", *J. Chromatogr. B.* 688, 265, **1997**
- **Y. Zhao**, X. Liang and C. Lunte, "Comparison between recovery and delivery for microdialysis calibration", *Anal. Chim. Acta*, 316, 403, **1995**
- **Y. Zhao** and Z. Shen, "The analysis of leftover solvent in penicillin pharmaceutical by gas chromatography", *Pharmaceutical Analysis (Chinese)*, 13, 821, **1993**
- **Y. Zhao** and Z. Shen, "Studies on the color reactions of amino-acids with a new system of ninhydrin and determination of L-proline in a solution", *Pharmaceutical Analysis (Chinese)*, 13, 438, **1993**
- D. Rogers, S. Samuel, W. Fang and **Y. Zhao**, "Enthalpies of hydrogenation of the octenes and the methylheptenes", *J. Chem. Thermodynamics*, 24, 561, **1992**

- D. Rogers, F. McLafferty, W. Fang and **Y. Zhao**, "Molecular Enthalpies: ground-state thermodynamic and computed enthalpies of the norbornadiene cycle", *Structural Chemistry*, 3, 53, **1992**
- **Y. Zhao** and Y. Ren, "Studies on the reaction and structure of the complexes of alkaline earth metals with Chlorophosphonazo-DBC", *Acta Chimica Sinica (Chinese)*, 49, 576, **1991**.
- **Y. Zhao** and Y. Ren, "Studies on the color-producing reactions of alkaline earth metals with polyhalogenated bisazo derivatives of chromotropic acid containing- PO_3H_2 ", *Chemical Journal of Chinese Universities (Chinese)*, 11, 526, **1990**.
- **Y. Zhao** and Z. Shen, "Studies on the determinations of the molecule weight and the quantity contained of PEG and protein by HPLC", *Research Report of Chemical Eng. Dept., Tsinghua Univ. (Chinese)*, Page 38, **1989**
- **Y. Zhao** and Y. Ren, "Purification and identification of a new color reagent DBC-Chlorophosphonazo for rare earth elements", *Huaxue Shiji (Chemical Reagents, Chinese)*, 11, 79-81, **1989**.
- **Y. Zhao** and Y. Ren, "Color reaction of Calcium with 2-(4-chloro-2-phosphonophenylazo)-7-(2,6-dibromo-4-chlorophenylazo)-1,8-dihydroxy-3,6-naphthalene disulfonic acid and determination of Calcium in high-purity Yttrium oxide", *Fenxi Huaxue (Analytical Chemistry, Chinese)*, 16, 888-891, **1988**
- **Y. Zhao** and Y. Ren, "Studies on determination of Strontium by a new highly selective spectrophotometry", *Acta Chimica Sinica (Chinese)*, 46, 1035-1038, **1988**.
- Y. Ren, **Y. Zhao** and Y. Tong, "Studies on the color reaction of quaternary complex Aluminium-Fluorine-Xylenol Orange-Cetylpyridine Bromide", *Fenxi Huaxue (Analytical Chemistry, Chinese)*, 13, 881-886, **1985**