

MONIKA I. KONAKLIEVA, Ph.D.**EDUCATION**

- 1997 PhD, Organic Chemistry, State University of New York at Buffalo
 1987 MS, Chemistry, Institute of Organic Chemistry, Sofia, Bulgaria
 1978 MS, Pharmacy, State University Medical Academy, Sofia, Bulgaria

PROFESSIONAL EXPERIENCE

- 1999- Assistant Professor of Chemistry, American University, Washington, DC
 1997 Visiting Assistant Professor of Chemistry, Midwestern University, Chicago, IL
 1984 Research Chemist at the Inst. of Org. Chem., Bulgarian Academy of Sci., Sofia, Bulgaria
 1983 Research Chemist in Pharmahim Company, Sofia, Bulgaria

GRANTS, AWARDS AND HONORS

- 2003 NIST-Sponsored Undergraduate Student Summer Fellowship, \$ 7,000
 2002 NIST-Sponsored Undergraduate Student Summer Fellowship, \$ 7,000
 2002 The Research Corporation, Beta-Lactamase activated NO-containing beta-lactams, \$35,000
 2001 AAAS, Establishing International Science Collaborations, \$4,000
 1998 Recipient of "Honors from The Illinois Mathematics and Science Academy" for commitment to nurturing young researchers
 1996 Recipient of the "Mark Diamond Research Fund," sponsored by the Graduate Student Association (SUNY at Buffalo), "Cancer Chemotherapy: Studies Leading to Novel Glycosidase Inhibitors"
 1995 Recipient of "Mattern - Tyler Teaching Award" Department of Chemistry, SUNY at Buffalo

PUBLICATIONS

19. Monika I. Konaklieva and Balbina J. Plotkin, "Bioisosters of Beta-Lactams as Anti-Infectives" *Current Medicinal Chemistry Anti-Infective Agents*, 2, 4 **2003**
18. Timothy E. Long; Edward Turos; Monika I. Konaklieva; Allison L. Blum; Amal Amry; Ejae A. Baker; Lita S. Suwandi; Melodie D. McCain; Miti F. Rahman; Sonja Dickey; Daniel V. Lim, "Effect of Aryl Ring Fluorination on the Antibacterial Properties of C4 Aryl- Substituted N-Methylthio beta- Lactams" *Bioorganic & Medicinal Chemistry*, 11, 1859, **2003**
17. Jeffrey R. Deschamps., Lita Suwandi, and Monika Konaklieva, "3,3-Bis(methylthio)-2-oxo-N-phenylpropanamide" *Acta Crystallographica Section E, Structure Reports*, E59, 1, **2003**
16. Jeffrey R. Deschamps., Melodie McCain, and Monika Konaklieva, "3-Methoxy-1-(4-methoxyphenyl)-4,4-bis(methylsulfoxy)azetidin-2-one" *Acta Crystallographica Section E, Structure Reports*, E59, o36, **2003**
15. Monika I. Konaklieva, "Beta-Lactams as Inhibitors of Serine Enzymes" *Current Medicinal Chemistry: Anti-Infective Agents*, 1, 215, **2002**
14. Edward Turos, Timothy Long, Monika I. Konaklieva, Cristina Coates, J-Y. Shim, Sonja Dickey, Daniel Lim, and Andrew Cannons, "N-Thiolated beta-Lactams: Novel Antibacterial Agents for Methicillin-Resistant *Staphylococcus aureus*" *Bioorganic & Medicinal Chemistry Letters*, 12, 2229, **2002**

Current Members of Dr. K's GroupGraduate students

Meghan Gahler
Yukio Ikeda
Maya B. Kostova
Hitoshi Yamauchi
Noriko Yamauchi

Undergraduate Students

Cristopher George
Brent Kopenhaver
Jessica Little
Carey Myers
Melanie Sion

Past Members of Dr. K's GroupGraduate students

Allison Blum
Amal Amry
Melodie McCain
Miti Rahman
Lita Suwandi

Undergraduate Students

Ejae Baker
Seth Bell