Ana Sanchez
Position: Associate Professor of Chemistry
Title: Division Director, Science & Business / Physical Science Program Coordinator
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Search for Classes

INSTITUTIONS ATTENDED	Academic Degree	Degree Date
National University of Cordoba	Chemical Science	Doctorate - 07/1995
National University of Cordoba	Pharmacist	Bachelor - 12/1986

POSITIONS HELD

Galveston College
Full-Time Faculty/Program Coordinator
Teaching: - Introductory Chemistry - General Chemistry I and II - Organic Chemistry II
Coordination of activities for the Physical Sciences
08/2005 – Current

University of Texas Medical Branch Galveston
Scientist - Synthesis of modified nucleotides.
09/2003 - 08/2005

University of Texas Medical Branch Galveston
Post-doctoral Fellow
07/1997 - 09/2003

Department of Chemistry University of Waterloo
Post-doctoral Fellow
09/1996 - 06/1997

Department of Chemistry Emory University
Post-doctoral Fellow
08/1995 - 08/1996

PUBLICATIONS

Formation of Intra- and Interstrand imine type DNA-DNA Crosslinks Through Secondary reactions of Ad
Chem. Res. Toxicol. 2005 (11) 1683-1690

Initiation of Repair of A:G Mismatches is Modulated by Sequence Context. DNA Repair 2003 (2) 863.

Interchain Cross-linking of DNA Mediated by the Principal Adduct of Acrolein. Chem. Res. Toxicol. 2001 (14) 1482.

The Reaction Mechanism of DNA Glycosylase/AP lyases at Abasic Sites. Biochemistry 2001 (40) 61.
On the Mechanism of the Acid/Base Catalyzed Thermal Cis-Trans Isomerization of Methyl Orange. J. Org. Chem. 1998 (64) 1604.

Beta-Cyclodextrin Effects on Photo-Claisen Rearrangement of Allyl Phenyl Ether. Can. J. Chem. 1997 (75) 1151.

Spectroscopy with Polarizable Solvent: CH2I2. J. Chem. Soc. Chem. Comm. 1997 199.
Effect of Cyclodextrin on the Thermal Isomerization Reaction of Azobenzenes. J. Org. Chem. 1996 (61) 3446.

Effect of Hydroxide Ion on the Cis-Trans Thermal Isomerization of Azobenzene Derivatives. J. Org. Chem. 1995 (60) 2974.

Strong Inhibition of Cis - Trans Isomerization of Azo Compounds by Hydroxide Ion. J. Org. Chem. 1993 (58) 2094.