

## Curriculum Vitae

**Name:** Steven E. Dessens

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### Education

- Ph.D. in Organometallic Chemistry, Tulane University, 1985
- Graduate Studies, Bioinorganic Chemistry, Rice University, 1977-1979
- B.S. in Chemistry, Sam Houston State University, 1977

### Teaching Experience

- Chemistry Instructor, 1989-Present  
Houston Community College  
Courses: Introductory, General, Biological, and Organic Chemistry

### Professional, Technical, and Work-related Experience and Skills

- Research Associate, UT M.D. Anderson Cancer Center, Houston, Texas, 1986-1990

### Professional Achievements and Publications

- HCC Academic Excellence Award, 2010
- NISOD Excellence in Teaching Award, 2005
- Science Laboratory Institute for Middle School Faculty, with Jagdish John, HCCS-NW. Eisenhower Professional Development Program, Texas Higher Education Coordinating Board. 1996-2001, \$75K/yr.
- FT-IR Spectroscopy in the Community College Chemistry Curriculum, with HCC faculty. NSF Instrumentation and Laboratory Improvement Program, 1994. \$50K.
- Studies of Human Granulocyte Phagocytosis by Tuftsin. Kenji Nishioka, Jyoti R. Wagle, Tom Rodriguez, Jr., Michio Maeta, Shoji Kubo, and Steven E. Dessens. *Journal of Surgical Research*, 56, 94 (1994).
- Stability of Sterile Saline Solutions of Synthetic Tuftsin, a Naturally-Occurring Immunomodulating Peptide. K. Nishioka, S. E. Dessens, and T. Rodriguez, Jr. *Peptide Res.*, 4, 230 (1991).

- A Comparative Study of [Leu<sup>1</sup>]Tuftsin and Tuftsin, a Natural Phagocytosis-Stimulating Peptide. K. Nishioka, J. K. Hurr, S. E. Dessens, and T. Rodriguez, Jr. Int. J. Biochem., 23, 627 (1991).
- Tuftsin-Enhanced Thymidine Incorporation by Murine Splenic Monocytes. K. Nishioka, J. R. Wagle, A. M. Minter, T. Rodriguez, Jr., and S. E. Dessens. Int. J. Immunopharmacol., 12, 905 (1990).
- Specific Translocation of Tuftsin (Thr-Lys-Pro-Arg), A Natural Immunomodulating Peptide, into the Nuclei of Human Monocytes. Jyoti R. Wagle, Allen T. Ansevin, Steven E. Dessens, and Kenji Nishioka. Biochem. Biophys. Res. Commun., 159(3), 1147 (1989).
- Complexes of the Tripod Ligand, Tris(diphenylphosphino)methane. Joel T. Mague and Steven E. Dessens. J. Organometal. Chem., 262, 347 (1984).
- Cytochrome Oxidase Models. 3. Spin Coupling Across Imidazolate Bridges in Binuclear Metalloporphyrin Complexes of Iron and Copper. Steven E. Dessens, Connie L. Merrill, Robert J. Saxton, Robert L. Ilaria, Jr., John W. Lindsay, and Lon J. Wilson. J. Am. Chem. Soc., 104, 4357 (1982).