



**16th BIENNIAL PHILADELPHIA
ORGANIC CHEMISTS' CLUB DAY
POSTER SESSION AND DINNER**

Call for Abstracts: Deadline April 6th, 2007

Honoring

AHMED F. ABDEL-MAGID, Ph.D.

Thursday, April 19th, 2007

2:00-5:00 p.m. Poster Session
Room 2000, Vagelos Building of the Chemistry Department

*Posters on all aspects of organic, medicinal and combinatorial chemistry are welcome!
Cash prizes for 1st, 2nd and 3rd best academic posters*

5:00 p.m. Social Hour
Room 4000, Vagelos Building of the Chemistry Department

6:00 p.m. Dinner
\$50, beverages not included, Penne Restaurant)
Reservation required

8:00 p.m. POCC Industrial Award Lecture
Room 102 (Big Auditorium), Chemistry Building
University of Pennsylvania, 34th and Spruce Streets, Philadelphia, PA

Dr. Ahmed F. Abdel-Magid,
Johnson & Johnson PRD, L.L.C.

Advances in Chemical Process Research

JOIN US FOR AN EXCITING AFTERNOON OF CHEMISTRY



POCC Industrial Award Lecture

Date and Time: April, 19th 2007, 8:00 p.m.

Speaker: Dr. A. F. Abdel-Magid, Johnson & Johnson PRD

Title: *Advances in Chemical Process Research*

Room: Room 102 (Big Auditorium), Chemistry Building
University of Pennsylvania

Dr. Ahmed Abdel-Magid received his B.S. and M.S. degrees from Cairo University, Egypt and his Ph.D. degree from Temple University in Philadelphia. After postdoctoral research at the University of South Carolina and SmithKline Beckman, he joined Drexel University in Philadelphia as a Teaching/Research Associate. In 1986, Ahmed joined the Chemical Development at Wyeth as a Senior Chemist and in 1987 he moved to Johnson & Johnson, also in Chemical Development, where he is currently a Senior Research Fellow. He continued his association with Drexel University as an adjunct professor until 2006. His research interests are in the area of process research, hydride reduction and reductive amination.

Abstract: The development of a drug is a long and complex process that requires a high level of teamwork and collaboration between different disciplines. The lead process in drug development is chemical process research, which is responsible for identifying the “best route” to prepare the needed amounts of a selected drug candidate for all other development operations (e.g. toxicology, formulation, clinical studies, etc). The recent changes in pharmaceutical industry and the extremely competitive market have added strong demands on process chemists to design highly efficient and practical organic synthesis methodologies for drug substance production. This presentation will include discussion of examples from our laboratories to highlight this trend.