

Dr. Ediz Taylan
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Education

- 2005-2011 Boğaziçi University, Chemistry Department, Ph.D degree in Organic Chemistry, Thesis Supervisor: Prof. Dr. Selim Küsefoğlu, Thesis Title: “Chain Extension Reactions of Unsaturated Polyesters using Difunctional Molecules”
- 1983-1985 Villanova University, Chemistry Department, M.S. degree in Organic Chemistry, Thesis Supervisor: Prof. Dr. John J. Cawley, Thesis Title: “The Kinetics and Mechanisms of Nucleophilic Attack by Catecholate Anion on Epibromohydrin-d2”
- 1979-1983 Boğaziçi University, Chemistry Department, B.S. degree
- 1971-1979 German High School, İstanbul

Professional Appointments and Positions

- 2002-present -Instructor, Chemistry Department, Boğaziçi University
-Advisor, Chemistry Department, first and second semesters
- 2009 June-August*, Researcher at Institut de Chimie et des Matériaux Paris-Est, CNRS and East Paris University, Thiais, France
2008 September-November, Researcher at Max-Planck Institute für Polymer Forschung, Mainz, Germany
- 1996-2001 Stay in Paris, France due to familial reasons
- 1992-1996 Founder and General Manager of “MS Consultancy and Training Services” (Organization of training programs in Pharmaceutical and Health Sectors)
- 1986-1992 Product Manager at Roche Pharmaceuticals in İstanbul
- 1983-1985 Teaching and Research Assistant at Villanova University, PA, USA

Teaching Experience

Organic Chemistry Laboratory I (Boğaziçi University)
Organic Chemistry Laboratory II (Boğaziçi University)
General Chemistry (Boğaziçi University)
BOUN 101 Winter and Summer Schools participation (Boğaziçi University)

Workshop on Organic and Analytical Chemistry (for high school students, International Baccalaureate Science Program) (Boğaziçi University)
Product Management for the Pharmaceutical Industry (MS Consultancy and Training Services)
General Chemistry Laboratory (TA, Villanova University; USA)
Physical Chemistry Laboratory (TA, Villanova University; USA)

Professional Training

“An Introduction to Solid-State CP/MAS NMR Spectroscopy and its Applications”, Prof. Dr. Robert Glaser, İstanbul, 2009
“Nanostructured Organic Polymer and Hybrid Materials”, Prof. R. Advincula, Thiais, France, 2009
Total Quality Management Training, MS Consultancy and Training Services, İstanbul, 1993
Basic Product Management, Roche Pharmaceuticals, Basel, 1990
Advanced Product Management, Roche Pharmaceuticals, Basel, 1989

Books and Publications

Taylan, E., Experimental Organic Chemistry, Boğaziçi University Publications, 2006 (Textbook for organic chemistry laboratory courses).

Illy, N. E. Taylan, B. Brissault, Justina Wojno, S. Boileau, V. Barbier and J. Penelle, “Synthesis and Anionic Ring-Opening Polymerization of Crown-Ether-Like Macrocyclic Dilactones: An Alternative Route to PEG-Containing Polyesters and Related Networks”, *European Polymer Journal*, Vol. 49, 4087-4097, 2013.

Taylan, E. and S. H. Küsefoğlu, “Chain Extension Reactions of Unsaturated Polyesters with Bis(2-Oxazoline)s”, *Journal of Applied Polymer Science*, Vol. 124, pp. 3229-3235, 2012.

Taylan, E. and S. H. Küsefoğlu, “Blocked Isocyanates and Isocyanated Soybean Oil as New Chain Extenders for Unsaturated Polyesters”, *Journal of Applied Polymer Science*, Vol. 119, pp. 1102-1110, 2011.

Taylan, E. and S. H. Küsefoğlu, “Chain Extension Reactions of Unsaturated Polyesters with Epoxy Compounds”, *Journal of Applied Polymer Science*, Vol. 112, pp. 1184-1191, 2009.

John J. Cawley and Ediz Onat Taylan “The Kinetics and Mechanisms of Nucleophilic Attack by Catecholate Anion on Epibromohydrin-d₂”, *Journal of Physical Organic Chemistry*, Vol. 7, 395-398 (1994) (M.S. Thesis).

Projects

2014-2015: Boğaziçi University Research Fund (BAP)
COST EFFECTIVE ACCESS ROUTES TO FUNCTIONALIZED COMBOLOIDAL
NANOCYLINDERS FOR BIOLOGICAL AND PHOTONICS APPLICATIONS
Responsibility: Project Coordinator and Researcher
Budget: 30,000 TL

2014-2015: TEYDEB Project of Anadolu Cam A.Ş., USE OF POLYMERIC MATERISALS
IN ORDER TO PROVIDE NEW AND IMPROVING PROPERTIES TO GLASS
CONTAINERS
Anadolu Cam A.Ş. – Boğaziçi Üniversitesi
Responsibility: Project Advisor
Budget: 800,000 TL

2011-2012: Boğaziçi University Research Fund (BAP)
CHAIN EXTENSION REACTIONS OF UNSATURATED POLYESTERS WITH
ISOCYANATE CONTAINING MOLECULES AND POLIMERIC MDI
Responsibility: Project Coordinator and Researcher
Budget: 30,000 TL

Poster and Oral Presentations

Taylan, E. and H.S. Küsefoğlu, “Epoxidized and Isocyanated Soybean Oil as New Chain
Extenders for Unsaturated Polyesters”, Poster presentation, 11th *Euro Fed Lipid Congress*,
“Oils Fats and Lipids: New Strategies for a High Quality Future”, Antalya, Turkey, 2013.

Taylan, E. and H.S. Küsefoğlu, “Chain Extension Reactions of Unsaturated Polyesters with
Bis-oxazolines”, Poster presentation, *2nd International Symposium, Frontiers in Polymer
Science*, Lyon, France, 2011.

Taylan, E. and H.S. Küsefoğlu, “Chain Extension Reactions of Unsaturated Polyesters with
Epoxidized Soybean Oil”, Poster presentation, *2nd Workshop on Fats and Oils as Renewable
Feedstock*, Emden, Germany, 2009.

Taylan E., “Chain Extension Reactions of Unsaturated Polyesters using Difunctional
Molecules”, Seminar, *East Paris Institute of Chemistry & Materials Science, CNRS and East
Paris University*, Thiais, France, 2009.

Taylan E., “Chain Extension Reactions of Unsaturated Polyesters using Difunctional
Molecules”, Seminar, *Max Planck Institute for Polymer Research*, Mainz, Germany, 2008.

Foreign Languages

German, English and French