

## **Prof. Dr. Talat YALÇIN**

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### **EDUCATION**

Doctor of Philosophy : Middle East Technical University, Turkey, 1993  
Master of Science : Middle East Technical University, Turkey, 1988  
Bachelor of Science : Middle East Technical University, Turkey, 1986

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### **WORK EXPERIENCE**

2012 - present Professor  
İzmir Institute of Technology, Department of Chemistry

2006 - 2012 Associate Professor  
İzmir Institute of Technology, Department of Chemistry

2005 - 2006 Assistant Professor  
İzmir Institute of Technology, Department of Chemistry

2002 - 2004 Research Assistant Professor  
University of New Orleans, Department of Chemistry

2001 - 2002 Research Associate  
University of Alberta, Department of Chemistry

2000 - 2001 Research Associate  
University of Alabama, Department of Chemistry

1999 - 2000 Research Associate  
Miami University, Department of Chemistry and Biochemistry

1998 - 1999 Assistant Professor  
Abant İzzet Baysal University, Department of Chemistry

1996 - 1998 Postdoctoral Fellow  
University of Alberta, Department of Chemistry

1994 - 1996 Postdoctoral Fellow  
University of Toronto, Department of Chemistry

1993 - 1994 Postdoctoral Fellow  
SRI International Molecular Physics laboratory

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### **RESEARCH EXPERIENCE**

- Gas-Phase Fragmentation Mechanisms of Peptides and Amino Acids
- Method Developments for Proteomic Applications
- Polymer Analysis by MALDI TOF MS
- Protein Sequencing by ESI MS/MS and MALDI/TOF MS

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## TEACHING

- General Chemistry I-II
  - Physical Chemistry I-II
  - Introduction to Mass Spectroscopy
  - Special Topics in Mass Spectrometry
  - Experimental Proteomics
  - Advanced Topics in Physical Chemistry
  - Special Topics in Physical Chemistry
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