



**BILKENT UNIVERSITY**

**unam** - INSTITUTE of MATERIALS SCIENCE & NANOTECHNOLOGY

***FACULTY OF SCIENCE***

**MATERIALS SCIENCE and NANOTECHNOLOGY  
GRADUATE PROGRAM SEMINAR**

**“Virus induced gene silencing in wheat and barley for functional analysis”**

**Prof. Dr. Mahinur Akkaya**

Middle East Technical University  
*Department of Chemistry*

Our laboratory is recently focusing on the identification and functional analysis of the genes involved in yellow rust and powdery mildew disease resistance mechanisms in wheat and barley. In this talk the strategies undertaken toward the understanding of the disease resistance will be summarized and the recent findings using virus induced gene silencing method will be presented.

**Date : December 3, 2009 (Thursday)**

**Time : 15:40**

**Place : Faculty of Science Building, A Block, Seminar Room (SA 240)**

**Tea and cookies will be served after the seminar**