

Mathematisch - Naturwissenschaftliche Fakultät  
der Universität zu Köln  
Der Dekan

# Einladung

zu der am Donnerstag, den 1 Juli 2004, 14:00 Uhr s.t.  
im  
Lesesaal 6. Etage, Institut für Genetik (Weyertal 121)

stattfindenden öffentlichen

## Einführungsvorlesung

zur Erlangung der *venia legendi* im Fach  
Genetik

von

**Herrn Dr. Wim Damen**

über das Thema

**Impact of genome sequence of the basal chordate  
*Ciona intestinalis* on our understanding of biological  
processes in vertebrates**

Abstract:

The draft of the genome sequence of the sea squirt *Ciona intestinalis* has been published at the end of 2002. In this lecture, I will provide an overview of the importance of the genome data from this urochordate for our understanding of biological processes in vertebrates. I will give an introduction on ascidians (sea squirts), their unique phylogenetic position, and their embryonic development. Further, I will focus on what the ascidian genome may tell us on the evolution of vertebrates.

**A. Freimuth**  
Dekan