

Application Form for
Membership in the Organogenesis Fellows
and Student Association
University of Michigan

**For students and postdoctoral trainees with interest in the field of organogenesis*

1) Name_____

Position_____

Graduate program or Department_____

Mentor's name and Department_____

Campus Address_____

Phone_____FAX_____

E-mail Address_____

2) Brief Summary of your research interests

3) To which Organogenesis Research Area would you belong? (see attached descriptions)

4) Why are you interested in becoming a member of the Organogenesis Student Association?

5) Would you be interested in participating in the central organization of the Organogenesis Student Association?

6) Please attach a CV

Return completed application to: Rebecca Pinter
The Organogenesis Center
Medical School
5736 MSII Box 0616
Phone: (734) 936-2499
FAX: (734) 647-9559

CENTER RESEARCH COMPONENTS (C3-C7)

A. Early Embryogenesis (C3):

Scope: Events preceeding formation of organs, but establishing body plan necessary for organ formation.

B. Formation Of Tissues And Organs (C4)

Scope: Organogenesis per se.

C. Maintenance And Repair Of Tissues And Organs (C5)

Scope: Control processes related to cell/tissue/organ maintenance in mature organisms. (aspects of stem cell biology, cell proliferation, commitment and differentiation, apoptosis and tissue specific gene transcription)

D. Abnormal Organ Growth Or Development (C6)

Scope: Study of abnormal organogenesis due to one or more of the following: (1)

Naturally occurring mutations. (2) Environmental factors/teratogens. (3) Dysregulation of the balance between cellular growth and differentiation (including oncogenesis). (4)

Artificially induced mutations (genetic manipulation).

E. Artificial Organ Systems (C7)

Scope: (1) Development of experimental *in vitro* systems to study structure, function, development, and disease or injury susceptibility of organs. (2) Development of tissue or cell-derived structures (synthetic, mechanical, or biological) that can functionally substitute for organs.