



University of Michigan Center for Organogenesis



Application for membership in the Organogenesis Center

Thank you for your interest in joining the Center for Organogenesis. Our primary mission is to identify and unite the community of Michigan faculty members whose scientific interests fall under the umbrella of organogenesis research. The Center's Membership has two types of memberships components: Full Members and Affiliate Members. Membership criteria and benefits accruing to each membership class are outlined below:

Affiliate members

Membership requirements

- University of Michigan appointment (Full time, Part time or Adjunct)
- Interest in organogenesis-related research

Benefits of membership

- Receive notice of all networking and educational events (internal and external seminar speakers, National Symposium, newsletters and electronic bulletin boards)
- Increased communication/opportunities for cross-disciplinary collaborations
- Students/Postdocs of the laboratory may participate in Organogenesis Fellows and Students Association (OFSA)
- Opportunities for funding of predoctoral and postdoctoral fellows via NIH-Sponsored Training Program in Organogenesis

Full members

Membership requirements

- Full time University of Michigan faculty appointment
- Selected by the Membership Committee on the basis of relevant research focus, active grant support, quality of publications, training environment of the laboratory
- Willingness and ability to participate actively in Center infrastructure (attend seminar series, serve on committees when called).

Benefits of membership

- Core use discounts (subject to yearly fluctuation)
- All benefits of Affiliate Members

If you are interested in Affiliate membership only, please indicate so on the application form.

**Application Form
for Membership in the Organogenesis Center
University of Michigan**

1) **Name** _____
 Title _____
 Department/School _____
 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 Center?**

5) Which membership category are you interested in? (Circle One)

Full

Affiliate

Either

6) Which committees would you be interested in serving on?

7) Describe your laboratory's training environment. Include number of trainees (Graduate students, postdoctoral fellows, etc.), and participation in other interdisciplinary programs and training grants.

Please attached:

1. Full CV including external grant support
2. Description of your research (2-3 pages) and future plans
3. Three relevant reprints

Return to:

The Center for Organogenesis
c/o Rebecca Pintar
5736 Medical Science II Box 0616
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Fax: (734) 647-9559

Organogenesis Research Areas

1. Early Embryogenesis:
Scope: Events preceding formation of organs, but establishing body plan necessary for organ formation.
2. Formation of Tissues and Organs
Scope: Organogenesis *per se*.
3. Maintenance and Repair of Tissues and Organs
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).
4. Abnormal Organ Growth or Development
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).
5. Artificial Organ Systems
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.