

# Stanford

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## Ross Metzger

Instructor, Pediatrics - Cardiology

### Bio

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#### ACADEMIC APPOINTMENTS

- Instructor, Pediatrics - Cardiology
- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- B.A., Haverford College , Philosophy
- Ph.D., Stanford University , Biochemistry

#### LINKS

- <http://med.stanford.edu/metzgerlab>: <http://med.stanford.edu/metzgerlab>

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

- Development, maintenance, and repair of the pulmonary circulation
- Innervation of the pulmonary arteries

### Publications

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#### PUBLICATIONS

- **Control of Mitotic Spindle Angle by the RAS-Regulated ERK1/2 Pathway Determines Lung Tube Shape** *SCIENCE*  
Tang, N., Marshall, W. F., McMahon, M., Metzger, R. J., Martin, G. R.  
2011; 333 (6040): 342-345
- **The branching programme of mouse lung development** *NATURE*  
Metzger, R. J., Klein, O. D., Martin, G. R., Krasnow, M. A.  
2008; 453 (7196): 745-U1
- **Genetic control of branching morphogenesis.** *Science*  
Metzger, R. J., Krasnow, M. A.  
1999; 284 (5420): 1635-1639