



University of Colorado
Denver | Anschutz Medical Campus

Open rank faculty position in lung developmental, stem cell, and regenerative biology

Dept of Pediatrics, Sections of Developmental Biology and Pulmonary Medicine, University of Colorado,
Anschutz Medical Campus, Aurora, CO

The Sections of Developmental Biology and Pulmonary Medicine in the Department of Pediatrics at the University of Colorado Anschutz Medical Campus invite applications for a tenure track faculty position (Assistant/Associate/Full) in the areas of developmental, stem cell, and regenerative biology of the lung.

Areas of particular research interest include but are not limited to 1) molecular, genetic, and epigenetic mechanisms of lung development and regeneration, 2) gene regulatory networks and systems biology, 3) animal, iPSC and organoid models of lung development, lung and cardiopulmonary developmental disorders and syndromes, and lung regeneration, and 4) tissue reprogramming and remodeling.

We seek a new colleague with a visionary research program that both synergizes with existing research in our Sections and brings new ideas and research directions. Applying diverse model systems, current research emphases in the Section of Developmental Biology include developmental cell fate specification, tissue and organ morphogenesis, cardiovascular lineage formation, neuro-glial biology, and organoid models of development and disease. The Section of Pediatric Pulmonary Medicine, which includes the Pediatric Heart Lung Center (PHLC), has particular interests in the basic and translational science of lung development, especially as related to mechanisms that disrupt normal growth and cause impaired airway, alveolar and vascular structure and function in genetic and acquired lung disorders. Ongoing studies integrate whole animal and cell physiology with imaging and molecular methods to address mechanisms of antenatal and postnatal injury in experimental models of lung disease, especially as related to bronchopulmonary dysplasia, pulmonary hypertension and other respiratory disorders. The PHLC further developed clinical programs in pulmonary hypertension and ventilator care that further promotes the interface between basic and clinical science.

We provide state-of-the-art facilities within our Sections and on the CU Anschutz Medical Campus as well as a vibrant, highly supportive, collaborative, and interactive community. Please see the Section of Developmental Biology website (<https://medschool.cuanschutz.edu/pediatrics/sections/developmental-biology>) and the Pediatric Heart Lung Center website (<https://medschool.cuanschutz.edu/pediatrics/research/programs/pediatric-heart-lung-center>) for more information about our research, faculty, trainees, core facilities and programs.

The University of Colorado Denver | Anschutz Medical Campus is committed to recruiting and supporting a diverse student body, faculty and administrative staff. The university strives to promote a culture of inclusiveness, respect, communication and understanding. We encourage applications from women, ethnic minorities, persons with disabilities and all veterans. The University of Colorado is committed to diversity and equality in education and employment. For more information please see <https://www.cuanschutz.edu/offices/diversity-equity-inclusion-community>.

Review of applications will begin December 1 and continue until the position is filled. Application materials should include (1) a cover letter describing relevant experience and qualifications and interest in the position, (2) a curriculum vitae (3) a brief (1 page) description of research accomplishments and a description (no more than 2 pages) of your scientific vision and research plans, (4) a brief (1 page) description of your mentoring and training experience and philosophy, including your approach for developing an inclusive lab environment, and (5) names and contact information for at least 3 references. Please review required and preferred qualifications and submit application materials at <https://cu.taleo.net/careersection/2/jobdetail.ftl?job=31695&lang=en>.

For more information, please contact the search committee chair, Dr. Stephen Santoro at Stephen.santoro@cuanschutz.edu.