

Seminar

Role of mechanical force in lung development

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After birth, the lungs begin to breathe spontaneously, which leads to the inflation of the lungs. This process exerts mechanical force on the lungs cells. Our study indicates that heterogeneity in lung tissue rigidity will lead to different stretching of lung tissue during lung inflation, and this will prompt the migration and proliferation of the endothelial cells. It helps the morphogenesis of the lung after birth.

Monday, Dec 23rd 2019

4:00 PM (Tea/Coffee at 3:30 PM)

Auditorium, TIFR-H