

## Biosketch Robbert J. Rottier



Robbert J. Rottier is an associate professor at the department of Pediatric Surgery of the Erasmus MC-Sophia Children's Hospital in Rotterdam, the Netherlands. He received his basic scientific training as a molecular biologist at the University of Leiden, and obtained his PhD degree at the Erasmus University, Rotterdam after studying the molecular biology of the lysosomal storage disorder galactosialidosis, partly at the Erasmus University and partly at the department of Genetics of St Jude Children's Research Hospital in Memphis, TN, USA. Next, he became a post-doctoral fellow at the department of Cell Biology of the Erasmus MC working on the role of Gata2 in hematopoiesis. In 2001 he joined the department of Pediatric Surgery as a senior investigator and currently he is an associate professor leading the lung developmental group. His research is focused on normal and abnormal development of the foregut and its derivatives in relation to congenital anomalies, like congenital diaphragmatic hernia (CDH). He has a specific interest in understanding the differentiation and regeneration of the airway epithelium as well as the development of the pulmonary vasculature. Importantly, he continuously tries to perform translational research using available patient material. He is member of the NRS, ERS, ATS and SDB (society for developmental biology), and serves as the Dutch representative for the ERS.