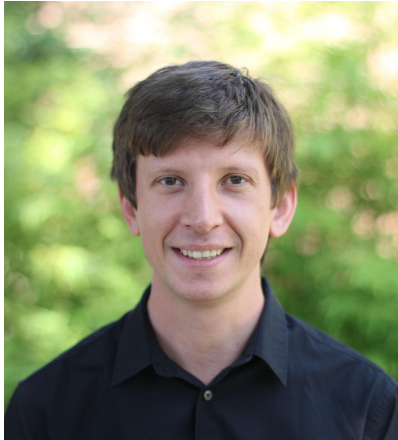


Vincent Pasque



Vincent Pasque is a Belgian Associate Professor of Stem Cell and Developmental Biology at the University of Leuven. He specializes in gene regulation, epigenetics, and chromatin dynamics during early human development and pluripotency. He was one of the first researchers in the world to identify chromatin barriers to cell fate changes during cell fate reprogramming and in human naïve pluripotent stem cells, and he demonstrated for the first time that naïve human pluripotent stem cells can model extraembryonic mesoderm cells. Pasque also discovered that mammalian cells can sense the number of X chromosomes they have and adapt X-linked gene dosage by X chromosome-upregulation. His current research focuses on early human embryo development, employing cutting-edge mammalian systems and interdisciplinary methods, including single-cell (multi)omics sequencing, advanced imaging, RNA FISH, computational approaches, CRISPR, pluripotent stem cell models and human embryos. His ultimate goal is to understand the fundamental mechanisms underlying the first weeks of human embryo development and their implications for disease and clinical applications.

Email: vincent.pasque@kuleuven.be

X: [@vincentpasque](https://twitter.com/vincentpasque)

[@googlescholar: Vincent Pasque](https://scholar.google.com/citations?user=VincentPasque)

www.linkedin.com/in/vincent-pasque-b512b875

