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Invité par : Dre Clémence Belleannée

Jeudi 7 septembre 2017
11h00
Amphithéâtre Fisher, Local TR-54, Site CHUL

«Length is Important: Lessons From The Developing Wolffian/Epididymal Duct»

Without a fully developed and functional epididymis male infertility will result. Further, disruptions to epididymal function may also arise as a consequence of abnormal fetal development, although very little is known either of the process of Wolffian duct/epididymal development or of the nature and causes of congenital defects that lead to male infertility. Therefore, the goal of our studies was to examine the cellular mechanisms by which the developing Wolffian duct elongates and coils to reach 1 m in the mouse and 6 m in the human. Our findings support the hypothesis that epithelial mediolateral (convergent extension) type of cell rearrangements was the driving force for Wolffian duct elongation, and Protein Tyrosine Kinase 7 played a major regulatory role. Supported by NIH Grant RO1HD069654.

Note :
Prière d’avisser vos étudiants gradués et stagiaires postdoctoraux afin d’avoir la participation de tous.

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