

第 493 回 難研セミナー

第 66 回 難治疾患共同研究拠点セミナー

下記により難研セミナーを開催しますので、多数御来聴下さい。

記

日 時：平成 24 年 12 月 7 日（金）16 時 00～18 時 00

場 所： 共用講義室 2（M&D タワー 2 階）

演 者：Prof. Martin M. Matzuk

(Dept. of Pathology & Immunology, Molecular & Cellular Biology, and Molecular & Human Genetics, and Pharmacology, Baylor College of Medicine)

演 題： **Translational aspects of reproductive medicine.**

要 旨： Our laboratory has focused on deciphering the roles of the transforming growth factor beta family and other key proteins in the mammalian reproductive tract. In general, it is extremely difficult to study reproduction in vitro and in a test tube, and we have relied heavily on transgenic mice as our in vivo models for testing hypotheses about protein function. We have created over 60 knockout models to evaluate the essential relevance of protein coding genes and small RNAs in reproductive medicine. These studies over the last two decades have allowed us to develop screening strategies for infertile men, begin to uncover lead compounds targeting the male germline for reversible contraception, and generate recombinant proteins for oocyte maturation in the assisted reproductive technology clinic. Our research in mice and humans will be discussed in more depth during my lecture.

連絡先：エピジェネティクス分野 幸田 尚（内線 4864）

共催：発生再生生物学分野