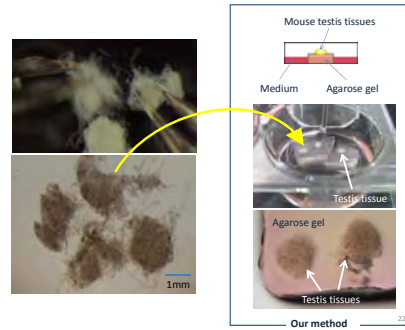
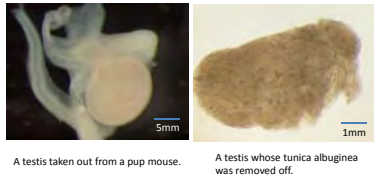
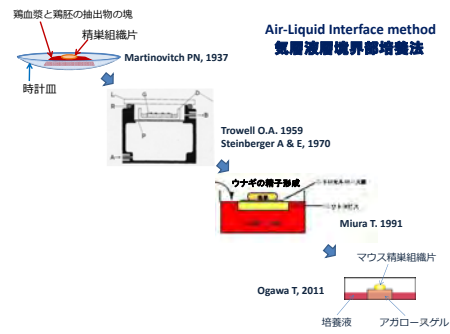
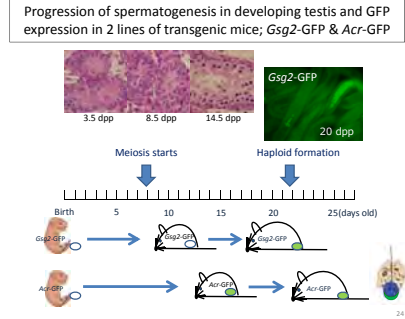
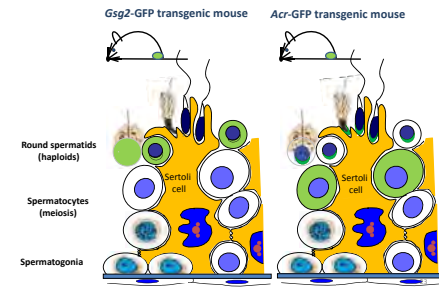


## 器官培養 VS. 細胞培養

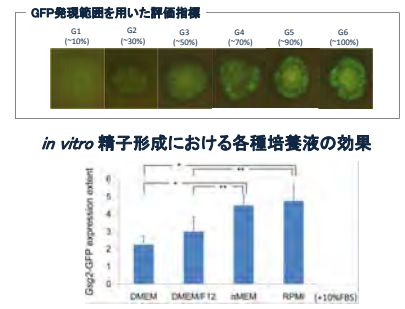
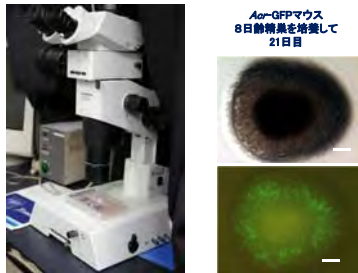
- 精子形成は、2次元の細胞培養法で本当に可能なのか？
- 不可能ではないかもしれないが、**器官培養法**のほうが、はるかに有利であると思われる。
- 実際、多くの細胞種は生体内環境にないと本来の機能を発揮しずらいではないか。



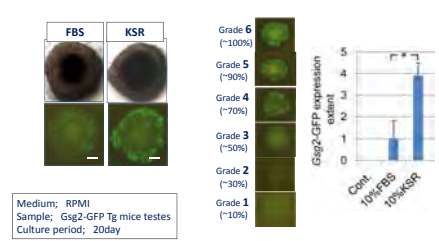
## 精子形成の進行をモニターする系



## GFPトランスジェニック マウス精巣の観察



## Fetal Bovine Serum (FBS) 牛胎仔血清 VS. Knockout™ Serum Replacement (KSR)



## Knockout™ Serum Replacement (KSR)

is a defined, serum-free formulation optimized to grow and maintain undifferentiated ES cells in culture. It directly replaces FBS in existing protocols. The performance of Knockout™ SR is enhanced when used with Knockout™ D-MEM. Product performance is confirmed by evaluation of its ability to support the growth of undifferentiated D3 ES cell colonies on inactivated mouse embryonic fibroblasts.

