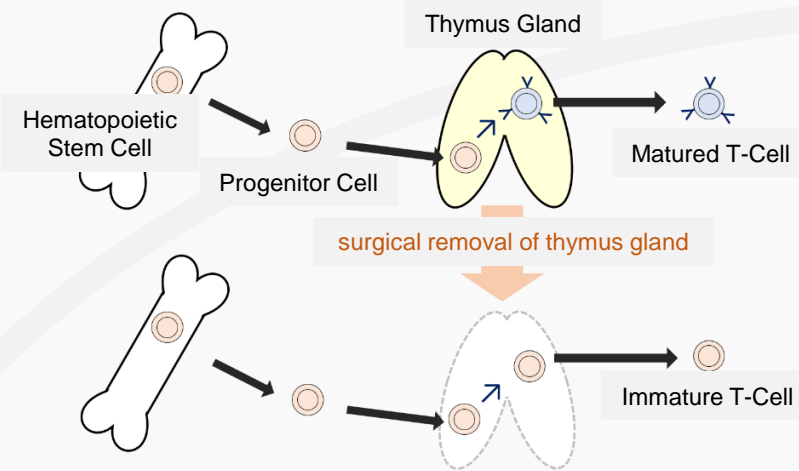


# Immuno-suppressed Microminipig

Made-to-Order

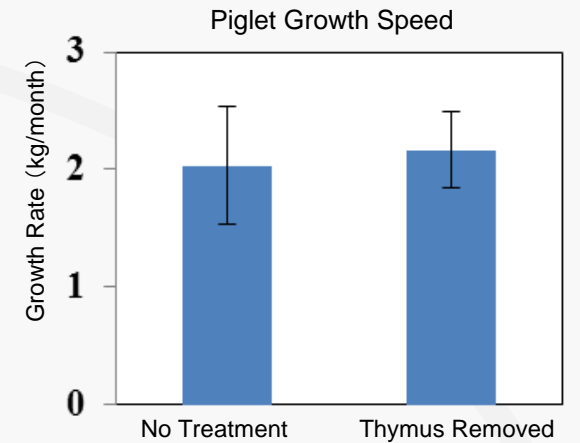
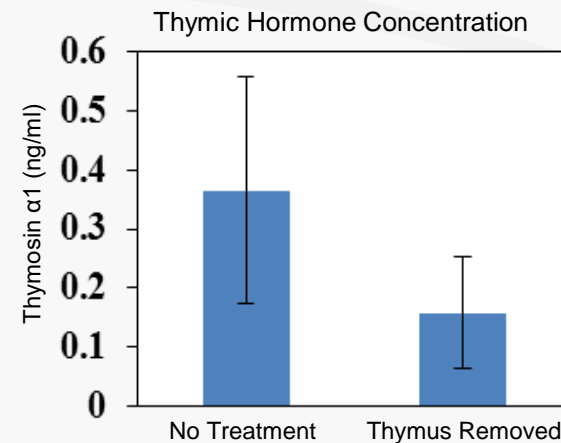


In order to suppress its immune functions, a new-born piglet's thymus gland is surgically removed after birth and its T-cell maturations are inhibited.

- Induced Immunity Suppression

- Clean Glade Rearing

Clean grade animal fully nursed by human hands.



A significant difference in serum thymic hormone concentration is confirmed while no difference in the piglet's growth rate is observed.

- Low Thymic Hormone Concentration

- No Genetic Modification

Can be bred at regular laboratory settings as a non-transgenic animal.



Advised by: Professor Eiji Kobayashi, Department of Organ Fabrication, Keio University School of Medicine

Presented: Hsu, Enosawa, Kobayashi. Impact of total thymectomy in neonates of the world smallest experimental pig for human hepatocyte proliferation. TSS Asian Regional Meeting 2016

Published: Hsu, Enosawa, Yamazaki, Tohyama, Fujita, Fukuda, Kobayashi.

Enhancing survival of human hepatocytes by neonatal thymectomy and partial hepatectomy in micro-miniature pigs. Transplant Proc.



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