

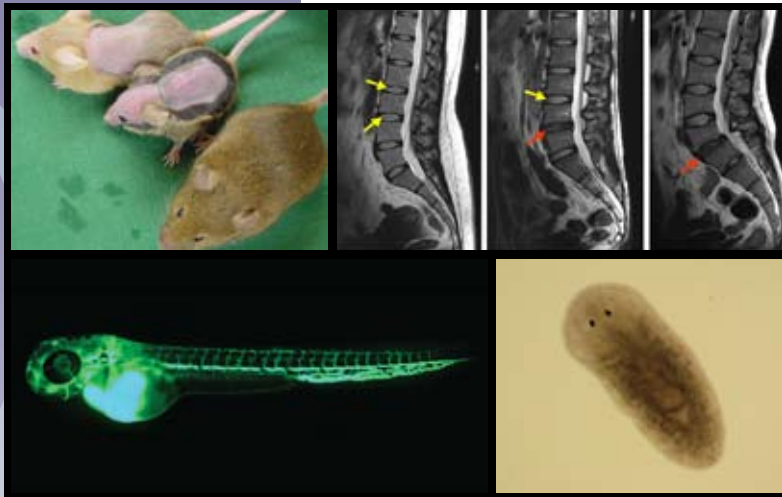
Centre of Reproduction, Development & Growth Exploring the Origins of Life

Our understanding of the origin of life relies heavily on our understanding and application of knowledge in reproductive biology. The Centre of Reproduction, Development & Growth aims to facilitate collaboration in the areas of reproduction, development and growth. The Centre mainly focuses on the following research directions:



- reproduction: the way to a healthy child;
- genetics of disorders;
- developmental and functional genomics;
- stem cells and regenerative medicine.

“As a medical school, it is important that our research ultimately translates into helping our patients and the community,” said Professor PC Ho. “One of the most difficult aspects is the collaboration between scientists and clinicians. Basic scientific research has a major impact on clinical practice, but clinical acumen is required before one can design and conduct meaningful clinical trials.



“Stem cell research is now at the frontier of scientific research,” Professor Ho added. “We wish to harness the synergism between our different research centres, working together towards research excellence and the benefit of the community.” The Centre will also strengthen its work on genetics of disorders and structural biology by recruiting a clinical geneticist and a structural biologist.

In addition, the Centre offers education opportunities through several multidisciplinary research programmes and lectures. It also promotes community awareness through public seminars, exhibitions, and other educational initiatives.

Core research facilities, such as the chicken embryo model system, 3D Micro CT and transgenic core facilities, are openly available to all interested investigators in the Faculty. As for the future, Professor Ho said, “We must continue to build up inter-centre, inter-faculty and even inter-institutional collaborations to enhance both basic and clinical research.”

