

学位論文要約

Functional analysis of autophagy-related genes using CRISPR-Cas9 during metamorphosis of *Xenopus tropicalis*

(ネットイツメガエルの変態過程における CRISPR-Cas9 を
用いたオートファジー関連遺伝子の機能解析)

重田 美津紀

Department of Mathematical and Life Sciences,
Graduate School of Science,
Hiroshima University

Content of the thesis

General Introduction

**Chapter 1 Rapid and efficient analysis of gene function using CRISPR-Cas9 in
Xenopus tropicalis founders**

**Chapter 2 Involvement of *atg5* and *atg7* during metamorphosis of *Xenopus
tropicalis***

Conclusions

Acknowledgements