

CONTENT

CHAPTER 1 9

General introduction

CHAPTER 2 31

Reproductive endocrine system in goldfish exposed to vinclozolin, *in vivo*

CHAPTER 3 57

Reproductive endocrine system in goldfish exposed to di-(2-ethylhexyl)-phthalate, *in vivo*

CHAPTER 4 71

General discussion

English summary 82

Czech summary 84

Acknowledgements 86

List of publications 88

Training and supervision plan during study 90

Curriculum vitae 91