CONTENT	
CHAPTER 1	7
General introduction	
CHAPTER 2	9
Isogenic lines in fish – a critical review	
CHAPTER 3 67	7
Cryopreservation and transplantation of common carp spermatogonia	
CHAPTER 4	7
Preservation of female genetic resources of common carp through oogonial stem cel manipulation	11
CHAPTER 5 97	7
First steps towards isogenic carp production using doubled haploid germ cel transplantation into surrogate host	II
CHAPTER 6	1
Production and use of triploid zebrafish for surrogate reproduction	
CHAPTER 7	5
Intraperitoneally grafted blastomeres can differentiate into functional gametes in zebrafish	h
CHAPTER 8 145	5
General discussion 147	7
English summary 157	7
Czech summary 158	3
Acknowledgements 159	9
List of publications 160)

162

164

Training and supervision plan during study

Curriculum vitae