

CONTENT

CHAPTER 1	7
General introduction	
CHAPTER 2	23
Morphology and ultrastructure of beluga (<i>Huso huso</i>) spermatozoa and a comparison with related sturgeons	
CHAPTER 3	35
Embryogenesis, visualization and migration of primordial germ cells in tench (<i>Tinca tinca</i>)	
CHAPTER 4	49
Isolation and cryopreservation of early stages of germ cells of tench (<i>Tinca tinca</i>)	
CHAPTER 5	61
Isolation and transplantation of sturgeon early-stage germ cells	
CHAPTER 6	71
Sterilization of sterlet <i>Acipenser ruthenus</i> by using knock down agent, antisense morpholino oligonucleotide, against <i>dead end</i> gene	
CHAPTER 7	85
General discussion	87
English summary	93
Czech summary	94
Acknowledgements	96
List of publications	97
Training and supervision plan during study	99
<i>Curriculum vitae</i>	101