

## **Abstract:**

This thesis deals with legal and ethical aspects of assisted reproduction. The aim of the thesis is to analyse the current legal regulation of assisted reproduction in the Czech Republic, in comparison with the legal system of selected countries. Further aim is to expose the legal regulation's deficits and suggest possible solutions *de lege ferenda*, particularly with regard to scientific developments and ethical attitudes of the current society.

The thesis is divided into six chapters, including the introduction and conclusion. The introductory chapter outlines the issue of assisted reproduction and denotes individual areas on which the thesis will focus. The first chapter deals with the various methods of assisted reproduction and with the term of infertility from the perspective of medical and historical perspective. The second chapter focuses on the legal regulation of individual areas of assisted reproduction in the Czech Republic. Among others, these areas consist of the constitutional protection of the human embryo, the determination of parenthood, the issue of surrogacy, gamete donation and disposition of embryos. The third chapter deals with a comparison of legal framework in selected states. As a representative of the Anglo-American system was chosen United Kingdom of Great Britain and Northern Ireland, where the regulation of the artificial insemination is very liberal. In contrast with that, was chosen the legislation of the Federal Republic of Germany, which is characterised especially by restrictions in the area of human embryo's protection. The fourth chapter points out the various ethical problems related to the area of artificial insemination. These areas include for example embryos selection, maternal age or preimplantation diagnosis. The final part dedicates to the summary of current legislation in the Czech Republic, its deficits and suggestions of possible solutions *de lege ferenda*, in particular in the area of surrogate motherhood.