

Dear chairman, members of the Commission,

let me briefly summarize the most important doctoral study results of Milena.

She oriented her doctoral studies on enzyme immobilization on nanofibrous materials. Thus, she followed up on the results of the **Internship at the Catholic University of Louvain in New Leuven, in Belgium** (from Sept. to Dec. 2013). The aim of her research was the preparation of materials active in the wastewater treatment, mainly the endocrine disrupting chemicals elimination.

On March 2015 she passed the **Internship at the University of Santiago de Compostela, in Spain** where the laboratory research was focused on degradation of endocrine disrupting chemicals using immobilized laccase.

Demand for an enzyme of high activity directed her to the **Internship at the University in Maribor, in Slovenia** (from Sept. to Dec. 2017) where the laboratory research was focused on isolation of laccase from white-rot fungi.

Milena implemented her internship experience in her dissertation and in scientific publications. She is the main author of **four articles** in international journals with high IF. During her doctoral study she has participated in several national and international conferences.

In 2018, Milena successfully passed the state doctoral examination.

She devoted the following time to the preparation of her dissertation, with which she will acquaint us today.

15th September, 2020