

**Offer of topics for Ph.D. study projects in Third Faculty of Medicine, Charles University in Prague**

Project:	<b>Mitochondrial function and dysfunction in health and disease</b>
Mentor (Advisor):	Jan Trnka, MD, PhD
Department:	Laboratory for metabolism and bioenergetics
Contact information:	jan.trnka@lf3.cuni.cz, +420 26710 2625
Project Narrative: <i>(max. 500 characters including spaces):</i>	You will take in part in a team studying the role of mitochondrial metabolism in the development of diseases such as diabetes, obesity, muscle atrophy or sleep apnea and in processes accompanying cellular ageing. We employ latest research technologies including a Seahorse metabolic analyzer.
Requirements for student applicants: <i>(specify your requirements such as degrees or period after degree was granted)</i>	We expect a Master's degree in a biological, chemical or medical programme, motivation for laboratory research, curiosity, creativity, ability to think independently and work in a multi-language team and finally a desire to learn new things.