

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

Project:	The blood tension measurement
Mentor (Advisor):	doc. Ing. Jana Vránová, CSc.
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Project Narrative: (max. 500 characters including spaces):	The measurement of blood tension in patients in various circumstances (different temperature, sex, age, different day time) and in patients with different diagnosis – anemia, leukemia, inflammations. Comparisons of these values with values of healthy persons. Biochemical homeostasis is altered during various diseases and it could be anticipated that changes within biological liquids (within the blood too) changes their surface tension behaviour. We therefore expect that studies of surface tension behaviour of blood will provide additional information and might become useful in medical practice in all diagnostic process.
Requirements for student applicants: (specify your requirements such as degrees or period after degree was granted)	Complete higher education in medical, natural science or technical (biomedical) specialization