

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

Project:	The evaluation of efficacy of nationwide mass newborn screening for rare diseases in the Czech Republic and finding ways to improve its.
Mentor (Advisor):	Assoc. Prof. MUDr. Felix Votava, Ph.D.
Study programme:	Preventive medicine
Department:	Dept of Pediatrics, Charles University Prague, 3rd Medical School
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Project Narrative: <i>(max. 500 characters including spaces):</i>	The objective is to evaluate both clinical and especially nationwide efficacy of Czech neonatal screening system for congenital adrenal hyperplasia, cystic fibrosis and congenital hypothyroidism and seek ways to improve its statistic performance metrics – ie sensitivity, specificity, positive predictive value and false positive rate with the aim to optimize the balance between detection capability of this tool for early detection of rare disease and burden of healthy part of general newborn population.
Requirements for student applicants: <i>(specify your requirements such as degrees or period after degree was granted)</i>	Finished medical master's degree, interest in scientific work