



University Hospital Motol
and
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Paediatric Dpt.

Lab of Autoimmune diseases

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Main focus of our laboratory

- **Type 1 diabetes**
 - Immunogenetical background of the disease
- Children of diabetic mother
- Type 1 Diabetes Prediction Programme
 - Dedicated to the first degree relatives of DM1 patients, unique cohort of children from the whole Czech Republic (1500), HLA stratified, regularly tested for DM1 associated autoantibodies, eventually functional tests are provided
 - www.predia.cz

The project

- Study population - children of diabetic mothers
 - From Type 1 Diabetes Prediction Programme
 - Their immunoreactivity
 - Their development – psychomotoric, biochemical changes
 - The influence of e.g. oxidative stress
 - By using immunological, genetical and biochemical methods in combination with clinical follow-up and correlations, experienced paediatricians are the members of our team
 - The biggest centrum for diabetes treatment in children in Central Europe
 - Bilateral project (event. The 3rd partner can be The Czech Academy of Science)



Join us in our effort to fight against diabetes!

