

---

# MUDr. Jana Urbanová, Ph.D.

---



<div class="skolitel">

</div>

Diabetology Centre and the Centre for Research on Diabetes, Metabolism and Nutrition  
Department of Internal Medicine 3FM CU and UHKV  
<https://www.lf3.cuni.cz/3LF-654.html>  
[www.fnkv.cz/diabetologicke-centrum-uvod.php](http://www.fnkv.cz/diabetologicke-centrum-uvod.php)

## Topic title

Hypoglykémie u pacientů léčených inzulínovou pumpou s hybridním uzavřeným okruhem

## Description of scientific activity

Researches monogenic diabetes and broader aspects of differential diagnosis of diabetes mellitus. Her scientific activity has focused mainly on the occurrence of specific islet autoantibodies in MODY patients, which has contributed to a change in the diagnostic approach in the detection of MODY patients within the international community; she has also scientifically investigated the nature of hypersensitivity in individuals with HNF1A-MODY and HNF4A-MODY to sulfonylurea derivatives, for the possibility of individualized approach and personalization of pharmacotherapy in these patients. He has also been consistently focusing on hypoglycaemia, now especially in the context of new modern technologies in diabetes. She is also actively involved in the education of patients with diabetes, including co-authoring the Your Guide to Diabetes project, which includes a number of books and educational materials used to educate patients with type 1 diabetes mellitus.

## Selected publications

URBANOVA, J., RYPÁČKOVÁ, B., PROCHÁZKOVÁ, Z., KUČERA, P., ČERNÁ, M., ANDĚL, M., HENEBERG, P. Positivity for islet cell autoantibodies in patients with monogenic diabetes is associated with later diabetes onset and higher HbA1c level. *Diabetic Medicine* 2014; 31 (4): 466-471.

URBANOVÁ, J, BRUNEROVÁ, L, BROŽ, J. Hidden MODY- Looking for a needle in a haystack. Front Endo 2018; doi: 10.3389/fendo.2018.00355

URBANOVÁ, J, BRUNEROVÁ, L, BROŽ, J. Hypoglycemia and antihyperglycemic treatment in the adult MODY patients – a systematic review of literature. Diab Res Clin Pract 2019; doi:10.1016/j.diabres.2019.107914

## **Selected or ongoing grants/clinical studies**

Hidden MODY among patients with gestational diabetes - prevalence, differential diagnosis and management of care (AZV proposal 2021)

## **PhD Students**

Number of current PhD students: 0

Number of defended students with year of defense: 0