
doc. MUDr. Ludmila Brunerová, Ph.D.



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Department of Internal Medicine 3FM CU and UHKV

<https://www.lf3.cuni.cz/3LF-654.html>

<https://www.fnkv.cz/interni-klinika-diabetologie-a-endokrinologie.php>

<https://www.fnkv.cz/diabetologicke-centrum-uvod.php>

Topic title

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Description of scientific activity

Currently, I focus on mental health (cognitive function, affective disorders) in metabolic diseases, MODY (Maturity-Onset Diabetes of the Young) and on secondary osteoporosis (Fracture Liaison Service, CKD-induced osteoporosis, osteoporosis in hematologic diseases etc.)

Selected publications

Brunerova L, Rahelić D, Ceriello A, Broz J. Use of oral antidiabetic drugs in the treatment of maturity-onset diabetes of the young: A mini review. *Diabetes Metab Res Rev*. 2018 Jan;34(1). doi: 10.1002/dmrr.2940.

Urbanová J, Brunerová L, Brož J. Heterogeneity of gestational diabetes - Do we take MODY into consideration as much as we should? *Diabetes Res Clin Pract*. 2019 Feb;148:268-269. doi: 10.1016/j.diabres.2018.11.009.

Brunerova L, Palicka V, Sulkova SD. COMMENTARY ON MANAGEMENT OF OSTEOPOROSIS IN ADVANCED CKD: COMMON VIEW OF A NEPHROLOGIST AND A BONE SPECIALIST. *Endocr Pract*. 2019 Feb;25(2):193-196. doi: 10.4158/EP-2018-0311.

Brunerová L, Raudenská J, Sotorník R, Šilhová E, Škrha P, Veith M, Ernest A, Javůrková A. Letter to the Editor from Brunerová et al: "Association of Cognitive Function and Retinal Neural and Vascular Structure in Type 1 Diabetes". *J Clin Endocrinol Metab*. 2021 Jul 13;106(8):e3281-e3282. doi: 10.1210/clinem/dgab350. PMID: 34008007.

Selected or ongoing grants/clinical studies

Relationship between cognitive function and OCT in patients with diabetes (AZV grant applied).

MODY in GDM (AZV grant applied)

PhD Students

Number of PhD students currently studying : 1