

## Diploma theses

### Department of Pathological Physiology

#### List of theses for academic year AY 2017/2018

| <b>Diploma theses</b>                                                                                                        |             |                 |                                              |                         |                  |
|------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|----------------------------------------------|-------------------------|------------------|
| <b>Topic</b>                                                                                                                 | <b>Type</b> | <b>Language</b> | <b>Supervisor</b>                            | <b>Student</b>          | <b>St. prog.</b> |
| Celullar and molecular mechanisms of brain hypoxia and ischaemia – current state of knowledge and therapeutical implications | DR          | EN              | doc. MUDr. Roman Beňačka, CSc.,<br>mim.prof. | Elias Bishuti           | GM               |
| Molecular pathogenesis and genetic background of prostate cancer                                                             | DR          | EN              | doc. MUDr. Roman Beňačka, CSc.,<br>mim.prof. | Reem Zeidan             | GM               |
| Immunomodulatory effect of vagal nerve stimulation: cholinergic anti-inflammatory reflex                                     | DR          | EN              | doc. MUDr. Roman Beňačka, CSc.,<br>mim.prof. | Tamer Hujeirat          | GM               |
| Pathogenesis of diabetic neuropathy: molecular-pathology insights into clinical diagnostics and therapeutic implications     | DR          | EN              | doc. MUDr. Roman Beňačka, CSc.,<br>mim.prof. | Lara Michelle Horn      | GM               |
| Melanoma                                                                                                                     | DR          | EN              | doc. MUDr. Oliver Rácz, CSc.,                | Paula Camiruaga Santos  | GM               |
| Painful diabetic neuropathy                                                                                                  | DR          | EN              | doc. MUDr. Oliver Rácz, CSc.,                | Noé Bover Arreza        | GM               |
| Diabetic cardiomyopathy                                                                                                      | DR          | EN              | Doc. MUDr. Oliver Rácz, CSc.                 | María Luisa Bañón Nores | GM               |
| Role of Helicobacter pylori in pathogenesis of gastric cancer                                                                | DR          | EN              | MVDr. Eva Lovásová, PhD.                     | Daniel Haim             | GM               |
| Molecular view to diabetic vasculopathy                                                                                      | DR          | EN              | MVDr. Jaroslava Nováková, PhD.               | Sinan Khamis            | GM               |
| Oral manifestation of diabetes mellitus and its pathogenesis                                                                 | DR          | EN              | MVDr. Jaroslava Nováková, PhD.               | Arivan Hossen           | DM               |