
Cooperation

Domestic cooperation

The department cooperates mainly with the academic-scientific and clinical departments of the Hradec Králové University Hospital and the Hradec Králové and Central Bohemia Region Health Emergency Service and the Faculty of Medicine in Hradec Králové. The clinic is developing extramural scientific and research cooperation:

- Department of Anaesthesiology, Perioperative and Intensive Medicine, Masaryk Hospital in Ústí nad Labem (prof. MUDr. Vladimír, Černý, Ph.D., FCCM, FESAIC).
- Department of Anaesthesiology, Resuscitation and Intensive Care Medicine, University Hospital Pilsen (prof. MUDr. Jan Beneš, Ph.D.).
- Department of Anaesthesiology, Resuscitation and Intensive Care Medicine, General University Hospital (doc. MUDr. Martin Balík, Ph.D., EDIC).
- Institute for Nanomaterials, Advanced Technologies and Innovations, Technical University of Liberec (Ing. Darina Jašíková, Ph.D.).
- Department of Vivarium, Faculty of Military Medicine, University of Defence in Brno (MVDr. Věra Radochová).
- Department of Biophysics and Physical Chemistry, Faculty of Pharmacy, Charles University, Hradec Kralove (Mgr. Monika Kuchařová, Ph.D.)

International cooperation

In the framework of international cooperation, the department has long been cooperating with the Canadian Dalhousie University in Halifax within the international Microcirculation Diagnostics and Applied Studies group (MiDAS). Outside of Canada, he also collaborates with the Mayo Clinic in the USA, Karolinska Institutet in Sweden. The subject of international cooperation is mainly research on microcirculation and endothelial glycocalyx. The most important foreign scientific research partners:

- Department of Anesthesiology, Perioperative and Pain Medicine, Dalhousie University, Halifax, Nova Scotia, Canada (Prof. Christian Lehmann, M.D., Ph.D., FRCPC).
- Karolinska Institutet at Danderyds Hospital (KIDS), Stockholm, Sweden (Prof. Robert G. Hahn, M.D., Ph.D.).
- First Department of Anaesthesia and Intensive Therapy, Medical University of Lublin, Lublin, Poland (prof. Manu LNG. Malbrain).
- Department of Physiology and Biomedical Engineering, Mayo Clinic, Rochester, MN, USA (Prof. Y.S. Prakash, M.D., Ph.D.).