LABORATORY OF KIDNEY TRANSPLANTATION AND RENAL REPLACEMENT THERAPY

ABOUT US

Research activity is focused on infectious complications and their association with long-term results of kidney transplantation, and mainly with the incidence of graft rejection. In a long run optimal mode of cytomegalovirus prevention has been evaluated in independent randomized trials with results being incorporated to the International Guidelines. The possibilities of improvement of biocompatibility and anticoagulation therapy during dialysis are assessed in patients with end-stage kidney disease.

MEMBERS

- Assoc. Prof. Tomáš Reischig, M.D., Ph.D. – Research Group Leader
- Mirko Bouda, M.D.
- Irena Brabcová, Ph.D., M.Sc.
- Assoc. Prof. Jaromír Eiselt, M.D., Ph.D.
- Prof. Ondřej Hes, M.D., Ph.D.
- Pavel Jindra, M.D., Ph.D.
- Martin Kačer, M.D.
- Jana Kašpírková, M.Sc.
- Lukáš Kielberger, M.D.
- Jan Klaboch, M.D.
- Michal Malina, M.D., Ph.D.
- Prof. Sylvie Opatrná, M.D., Ph.D.
- Anna Pöpperlová, M.D.
- Pavlína Richtrová, M.D., Ph.D.
- Prof. Tomáš Seeman, M.D., Ph.D.
- Vendula Šelmátová, DiS.
- Tomáš Vaněček, Ph.D., M.Sc.
- Petra Venigová, M.Sc.
- Prof. Ondřej Viklický, M.D., Ph.D.

WE OFFER

- Suggestion of desing a methods of clinical studies in the field of viral infections after kidney transplantation, biocompatibility of dialysis membranes and peritoneal dialysis solutions, anticoagulation therapy during hemodialysis, and infectious complications in hemodialysis population.
- Evaluation of biocompatibility of dialysis membranes.
- Cytomegalovirus and polyomavirus detection in blood or other tissues bas on molecular biology methods.
- Assessment of cytomegalovirus antiviral drug resistance.
SELECTED PUBLICATIONS


- Reischig T., Jindra P., Hes O., Bouda M., Kormunda S., Treska V. Effect of cytomegalovirus viremia on subclinical rejection or interstitial fibrosis and tubular atrophy in protocol biopsy at 3 months in renal allograft recipients managed by preemptive therapy or antiviral prophylaxis. Transplantation 2009, 87 (3): 436–444.


