Welcome to the Kick-off Meeting of the Horizon 2020 Research and Innovation Action ‘TTV GUIDE TX’

We are a team of transplant physicians, virologists and health care industry professionals. Together we aim to establish a new tool to quantify the activity of the immune system in kidney transplant recipients.

We believe that the recently discovered Torque Teno Virus (TTV) can do this job. TTV is unique: it is naturally occurring in the blood of every healthy person and every kidney transplant recipient, but it causes no disease. If the patient’s immune system is strong, the TTV load is low; this indicates a risk for organ rejection. If the immune system is weak, the TTV load is high; this indicates a risk for infection. We believe that the quantification of the TTV in the blood of kidney transplant recipients can help optimize immunosuppressive drugs and thus reduce infections and rejection.

Within our EU funded project TTV guided dosing of immunosuppressive drugs will be tested in a clinical trial including hundreds of kidney transplant recipients from all over Europe. Once established in routine clinical care, TTV guidance might reduce thousands of infections and kidney transplant rejections each year.

In the future TTV might not only help kidney transplant recipients, but also patients with liver, heart and lung transplantation, and guide therapy in autoimmune, infectious and oncologic diseases.

Gregor Bond and Georg Melzer-Venturi for the TTV GUIDE TX consortium
The TTV GUIDE IT Trial
Christian Hugo, Universitätsklinikum Carl Gustav Carus, Germany

12.00 – 12.25 pm
Discussion
Moderation: Georg Melzer-Venturi, Eutema Research Services, Austria
Experts: Elisabeth Puchhammer-Stöckl, MedUni Vienna, Austria, and
Gregor Bond, MedUni Vienna/University Hospital Vienna, Austria

12.25 pm
Final Remarks
Georg Melzer-Venturi, Eutema Research Services, Austria

TTV GUIDE TX Project Coordinator
Gregor Bond, MedUni Vienna/University Hospital Vienna, Austria

Organized by
Gregor Bond, MedUni Vienna/University Hospital Vienna, Austria, and
Georg Melzer-Venturi, Eutema Research Services GmbH, Austria

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- Academisch Ziekenhuis Leiden, NL
- bioMérieux, SA, FR
- Centre Hospitalier Universitaire de Grenoble, FR
- Charité - Universitätsmedizin Berlin, DE
- Ecrin European Clinical Research Infrastructure Network, FR
- Eutema Research Services GmbH, AT
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