



## Newsletter 1 / 2022

Dear colleagues,

this newsletter will update you on the recent publications from the CERTAIN Registry and on-going projects (see our website [www.certain-registry.eu](http://www.certain-registry.eu)). 87 centres in 25 countries are currently contributing data from more than 3300 patients to CERTAIN. Many thanks to all of you for your contribution to previous and ongoing projects!

The first hybrid CERTAIN workshop on December 3 - 4, 2021 was attended by 222 participants from 41 countries! We are delighted about your enthusiasm and collaboration. Many of the presentations of this workshop are now available for registered users in the category "Presentations Heidelberg 2021" for download in PDF format from the CERTAIN website.

Yours, Burkhard Tönshoff and Lars Pape

Burkhard.Toenshoff@med.uni-heidelberg.de; Lars.Pape@uk-essen.de

### Save the date

1. The next **virtual CERTAIN spring workshop** will take place on **May 7, 2022** from 9 am to 1 pm. Registration has been opened under <http://certain-registry.eu/conference>; registration keyword: gpn47symposium.
2. The next meeting of the **ESPN Working Group "Transplantation"** and the CERTAIN research network will be during the upcoming annual ESPN congress <https://espn2022.org/program.php> in Ljubljana, Slovenia, on **Friday, June 24, 2022** from 07:30 - 09:00 am in Room Gallus.
3. The next **hybrid CERTAIN winter workshop** is scheduled for **December 2-3, 2022**.

### Manuscripts in preparation or submitted

Ehren R, Habbig S, Krupka K, Ernst A, Bald M, König S, Murer L, Özçakar ZB, Pohl M, Rappoport N, Spartà G, Staude H, Dello Strologo L, Szabó AJ, Tönshoff B, Weber LT. Prevalence and potential relevance of hyperuricemia in pediatric kidney transplant recipients - a CERTAIN registry analysis. *Pediatr Transplant*, in press

Patry C, Höcker B, Dello Strologo L, et al. Timing of reconstruction of the lower urinary tract in pediatric kidney transplant recipients: A CERTAIN multicenter analysis of current practice.

Patry C, Höcker B, Sander A, et al. Emulation of the control group of a randomized controlled trial in pediatric kidney transplantation with Real-World Data from the Cooperative European Paediatric Renal Transplant Initiative (CERTAIN) registry.

Prytuła A, Shroff R, Krupka K, et al. Hyperparathyroidism is an independent risk factor for allograft dysfunction in pediatric kidney transplantation: CERTAIN Registry analysis

All publications from the CERTAIN Registry can be downloaded by registered users from the internal document platform of the CERTAIN website. On our public website <http://certain-registry.eu/publications> you will find a list of all publications with PubMed links.

## Ongoing projects

Following projects are ongoing, and you are kindly invited to participate (detailed information with the respective analyses plans is available on the CERTAIN website [www.certain-registry.eu](http://www.certain-registry.eu) in the internal document area “Analyses”):

**1. Prevention of human papillomavirus (HPV) infection** in paediatric kidney and liver transplant recipients and in paediatric patients with advanced chronic kidney disease: a prospective, observational multi-centre vaccine surveillance study (**HPVaxResponse Study**)

Britta Höcker, Tim Waterboer, Burkhard Tönshoff et al. [Britta.Hoecker@med.uni-heidelberg.de](mailto:Britta.Hoecker@med.uni-heidelberg.de)

**2. Antibody-mediated rejection** in European paediatric renal transplant recipients: incidence, risk factors and outcome. Alexander Fichtner, Caner Süsal, Jan Becker, Britta Höcker, Lars Pape, Anette Melk, Stephen Marks, Luca dello Strologo, Kai Krupka, Burkhard Tönshoff et al. [Alexander.Fichtner@med.uni-heidelberg.de](mailto:Alexander.Fichtner@med.uni-heidelberg.de)

**3. Long-term outcome after pediatric combined liver and kidney transplantation:** Florian Brinkert, Jun Oh, Alexander Fichtner et al. [f.brinkert@uke.de](mailto:f.brinkert@uke.de)

**4. Outcome after paediatric kidney transplantation from very small donors:** a retrospective observational matched cohort study. Raphael Schild, Jun Oh, Lars Pape, Burkhard Tönshoff et al. (*database closed*) [r.schild@uke.de](mailto:r.schild@uke.de)

**5. Hyperparathyroidism** after paediatric RTx: risk factors, management strategies and association with longitudinal growth. Agnieszka Prytula et al. (*database reopened*) [agnieszka.prytula@uzgent.be](mailto:agnieszka.prytula@uzgent.be)

**7. Recurrence of nephrotic syndrome** after pediatric kidney transplantation in Europe: risk factors, treatment and outcome. Antonia Bouts et al. [a.h.bouts@amc.uva.nl](mailto:a.h.bouts@amc.uva.nl)

**6. Arterial hypertension and cardiovascular comorbidity** after renal transplantation – triggers, treatment and sequelae. Anette Melk, Elke Wühl et al. [melk.anette@mh-hannover.de](mailto:melk.anette@mh-hannover.de), [elke.wuehl@med.uni-heidelberg.de](mailto:elke.wuehl@med.uni-heidelberg.de)

**7. Prospective longitudinal multi-center study evaluating modifiable barriers to accessing transplantation and transplant outcomes** in children in Europe, short title: “European Paediatric Access to Kidney Transplantation (**EuPAKT**)”. Stephen D Marks, Ji Soo Kim, Kai Krupka and Burkhard Tönshoff [stephen.marks@gosh.nhs.uk](mailto:stephen.marks@gosh.nhs.uk)

**8. Comparing modern molecular methods of assessing HLA immunogenicity to serology mismatching** in paediatric kidney transplantation – a CERTAIN analysis. Jon Jin Kim, Alexander Fichtner, Caner Süsal et al. [JonJin.Kim@nuh.nhs.uk](mailto:JonJin.Kim@nuh.nhs.uk)

**9. Definition and validation of the impact of tacrolimus variability and concentration/dose ratio on allograft rejection, function and tacrolimus-related toxicity** in paediatric kidney transplant recipients. Maral Baghai, Alexander Fichtner, Jon Jin Kim et al. [maral.baghai@embl.de](mailto:maral.baghai@embl.de)

All ongoing and upcoming projects can be also found on our website under <http://certain-registry.eu/research>.

## Registration for CERTAIN and Support

Not yet registered and wish to contribute to CERTAIN? Please register under <http://certain-registry.eu/register> or contact Kai Krupka directly: [Kai.Krupka@med.uni-heidelberg.de](mailto:Kai.Krupka@med.uni-heidelberg.de).

Please address questions regarding data entry to our data quality manager Annette Mechler: [Annette.Mechler@med.uni-heidelberg.de](mailto:Annette.Mechler@med.uni-heidelberg.de) or look for our online tutorial on <http://certain-registry.eu/support>, the FAQ and help texts within the CERTAIN Registry application.