



Cooperative  
European Paediatric  
Renal  
Transplant  
Initiative



## Newsletter 1 / 2018

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)). Since many of the CERTAIN colleagues are also members of the ESPN working group “Transplantation” and/or of the ERKNet working group “Renal Transplantation”, we decided to issue one newsletter for all three initiatives to bundle the forces. Many thanks to all of you for your contribution to previous and ongoing projects!

Most of the presentations of the 38<sup>th</sup> Symposium of our study group in Heidelberg 2017 are now available for registered users in the category “Presentations Heidelberg 2017” for download in PDF format.

Yours, Burkhard Tönshoff, Lars Pape and Nick Webb

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### Documentation and centres

More than 2020 patients from 58 centres in 15 countries are currently enrolled into the CERTAIN Registry. We are very grateful to all of you who contributed to this great success. Within the last year three new centres joined the CERTAIN family: Amsterdam (the Netherlands), Ghent (Belgium) and Istanbul (Turkey). For German centres in conjunction with the curatorship for home dialysis and transplantation (KfH), data entry will soon be facilitated by an interface between DISweb and CERTAIN.

### Save the date

During the upcoming **ERKNet meeting in Heidelberg on May 9, 2018**, the transplant work group will meet for 2 hours for further development of the guideline work. The next meeting of our combined working groups will take place during the upcoming **ESPN congress in Antalya from October 3-6, 2018**; the exact time will be announced later. The **40<sup>th</sup> Symposium of the CERTAIN Study Group** will take place in **Heidelberg, December 7 - 8, 2018**.

### Manuscripts recently published or submitted

1. Höcker B, Aguilar M, Schnitzler P, Pape L, Dello Strologo L, Webb NJA, Bald M, Genc G, Billing H, König J, Büscher A, Kemper MJ, Marks SD, Pohl M, Wigger M, Topaloglu R, Rieger S, Krupka K, Bruckner T, Fichtner A, Tönshoff B. **Incomplete vaccination coverage in European children with end-stage kidney disease prior to renal transplantation.** *Pediatr Nephrol.* 2018 33:341-350.
2. Höcker B, Aguilar M, Schnitzler P, Pape L, Bald M, König J, Marks SD, Genc G, Büscher A, Kemper MJ, Billing H, Pohl M, Dello Strologo L, Webb NJA, Rieger S, Mankertz A, Krupka K, Bruckner T, Fichtner A, Tönshoff B. **Vaccination titres pre- and post-transplant in paediatric renal transplant recipients and the impact of immunosuppressive therapy.** *Pediatr Nephrol.* 2018 33:897-910.
3. Weitz M, Laube GF, Schmidt M, Krupka K, Murer L, Müller D, Hoppe B, Büscher A, König J, Pohl M, Jungraithmayr T, Thiel F, Billing H, Grenda R, Rubik J, Kaabak MM, Yalcinkaya F, Topaloglu R, Webb N, Dello Strologo L, Pape L, Nadalin S, Tönshoff B. **Outcome of renal transplantation in small infants: a match-controlled analysis.** *Pediatr Nephrol.* 2018 Mar 13 [Epub ahead of print]
4. Höcker B, Schneble L, Murer L, Carraro A, Pape L, Kranz B, Oh J, Zirngibl M, Dello Strologo L, Büscher A, Weber LT, Awan A, Pohl M, Bald M, Printza N, Rusai K, Peruzzi L, Topaloglu R, Fichtner A, Krupka K, Köster L,

Bruckner T, Schnitzler P, Hirsch HH, Tönshoff B. ***Epidemiology of and Risk Factors for BK Polyomavirus Replication and Nephropathy in Pediatric Renal Transplant Recipients: An International CERTAIN Registry Study.*** Submitted

5. Kanzelmeyer NK, Zürlbig P, Mischak H, Ruszai KH, Seemann T, Hansen M, Wygoda S, Fichtner A, Tönshoff B, Melk A, Pape L. ***Urinary proteomics to diagnose chronic antibody-mediated rejection in pediatric kidney transplantation.*** In preparation

6. Melk A, Wühl E, Duzova A and members of the CERTAIN Research Network; ***Arterial hypertension after renal transplantation – triggers, treatment and sequelae.*** In preparation

All publications from the CERTAIN Registry can be downloaded by registered users from the document platform of the CERTAIN website.

## Ongoing projects

The 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. Immune Response of Paediatric Renal Transplant Recipients challenged by Sensitization, Vaccination or Non-Adherence: Cross-Sectional and Prospective Analyses of the International CERTAIN Registry Cohort (IMMRES)**

Lars Pape, Nele Kanzelmeyer, Anette Melk, Alexander Fichtner, Burkhard Tönshoff, Caner Süsal and members of the CERTAIN Research Network; [Kanzelmeyer.Nele@mh-hannover.de](mailto:Kanzelmeyer.Nele@mh-hannover.de)

### **2. 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, Julia Tabatabai, Michael Pawlita, Nick Webb, Burkhard Tönshoff Members of the CERTAIN Research Network; [Britta.Hoecker@med.uni-heidelberg.de](mailto:Britta.Hoecker@med.uni-heidelberg.de)

### **3. 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, Lennart Köster, Burkhard Tönshoff and members of the CERTAIN Research Network; [Alexander.Fichtner@med.uni-heidelberg.de](mailto:Alexander.Fichtner@med.uni-heidelberg.de)

### **4. Proteinuria as a noninvasive marker for renal allograft histology and graft failure in paediatric renal transplant recipients**

Anja K. Büscher, Tomas Seeman, Stefanie Weber, Kai Krupka, Rainer Büscher, Burkhard Tönshoff, Peter F. Hoyer, and members of the CERTAIN Research Network; [Anja.Buescher@uk-essen.de](mailto:Anja.Buescher@uk-essen.de)

### **5. Operative reconstruction of the lower urinary tract: an analysis of pre- vs. post-transplant intervention.**

Joanne Nyarangi-Dix, Burkhard Tönshoff, Stephen Marks, Licia Peruzzi, Members of the CERTAIN Research Network; [JoanneNyaboe.Nyarangi-Dix@med.uni-heidelberg.de](mailto:JoanneNyaboe.Nyarangi-Dix@med.uni-heidelberg.de)

**6. Transplantation in methylmalonic academia: An European survey.** Elisa Giammarioli, Friederike Hörster, Isabella Guzzo, Marco Spada, Mohan Shenoy, Nicholas J. A. Webb, Carlo Dionisi Vici, Burkhard Tönshoff, Luca Dello Strologo, Members of the CERTAIN Research Network; [e.giammarioli@gmail.com](mailto:e.giammarioli@gmail.com)

## Projects being launched soon:

**1. Incidence, treatment and outcome of recurrent focal-segmental glomerulosclerosis after paediatric kidney transplantation in Europe.** Antonia Bouts (Amsterdam) and colleagues

**2. Combined liver/kidney transplantation.** Florian Brinkert (Hamburg) and colleagues

**3. Transplantation of small kidneys.** Raphael Schild (Hamburg) and colleagues

## 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).