



## Newsletter 2/2018

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!

Yours, Burkhard Tönshoff and Lars Pape

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### Documentation and centres

More than 2150 patients from 60 centres in 17 countries are currently enrolled into the CERTAIN Registry. We are very grateful to all of you who contributed to this great success. Since the last newsletter one new centre joined the CERTAIN family: Lyon (France). 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

The next meeting of our combined working groups will take place during the upcoming **ESPN congress in Antalya, Turkey** on Thursday, October 4, from 14:30 to 15:30 in Hall 2. The agenda:

14:30 - 14:45 Urinary proteomics to diagnose chronic antibody-mediated rejection in pediatric kidney transplantation – an analysis of the IM-MRES-CERTAIN trial *Lars Pape, Hannover*

14:45 - 15:00 Incidence, treatment and outcome of recurrent focal-segmental glomerulosclerosis after paediatric kidney transplantation in Europe *Antonia Bouts, Amsterdam*

15:00 - 15:15 Long-term outcome after pediatric combined liver and kidney transplantation: A CERTAIN Registry analysis *Florian Brinkert, Hamburg*

15:15 - 15:30 Antibody-mediated Rejection in European Paediatric Renal Transplant Recipients: Incidence, Risk Factors and Outcome *Alexander Fichtner and Burkhard Tönshoff, Heidelberg*

The **40<sup>th</sup> Symposium** of the **CERTAIN Study Group** will take place in **Heidelberg, December 7 - 8, 2018**. Online-registration will be available in September 2018.

### Manuscripts recently published or submitted

1. 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 H, Tönshoff B. ***Epidemiology of and Risk Factors for BK Polyomavirus Replication and Nephropathy in Pediatric Renal Transplant Recipients: An International CERTAIN Registry Study***. Transplantation 2018, in press

2. 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. ***JC polyomavirus replication and associated disease in pediatric renal transplantation: An international CERTAIN Registry study***. *Pediatr Nephrol* 2018 <https://doi.org/10.1007/s00467-018-4029-9>.

3. Kreuzer M, Prüfe J, Tönshoff B, Pape L. ***Survey on Management of Transition and Transfer From***

**Pediatric- to Adult-based Care in Pediatric Kidney Transplant Recipients in Europe.** Transplant Direct 2018; 4(7):e361

4. 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.** Submitted

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

## 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. 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 non-invasive 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)

### 7. Long-term outcome after pediatric combined liver and kidney transplantation: A CERTAIN Registry analysis. Florian Brinkert, Jun Oh, Alexander Fichtner, Members of the CERTAIN Research Network; [f.brinkert@uke.de](mailto:f.brinkert@uke.de)

## 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; [a.h.bouts@amc.uva.nl](mailto:a.h.bouts@amc.uva.nl)

2. Transplantation of small kidneys. Raphael Schild, Hamburg and colleagues. [r.schild@uke.de](mailto:r.schild@uke.de)

## 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).