



MIĘDZYNARODOWE CENTRUM BIOCYBERNETYKI

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161st ICB SEMINAR

The 9th Polish-Korean Seminar

CHRONIC KIDNEY DISEASE AND RENAL REPLACEMENT THERAPY

Warsaw, October 11-14 2018

Chairmen:

Hi Bahl Lee

Soon Chun Hyang University College of Medicine, Miryang, Korea

Beata Naumnik

1st Department of Nephrology and Transplantation with Dialysis Unit, Medical University of Białystok, Białystok, Poland

Jacek Waniewski

Institute of Biocybernetics and Biomedical Engineering PAS, Warsaw, Poland

PROGRAMME OF THE SEMINAR

Friday, 12 October 2018

OPENING OF THE SEMINAR

WELCOME ADDRESS by

Hi Bahl Lee, Jacek Waniewski, Beata Naumnik

SESSION 1: Cardiovascular problems and mortality in CKD patients

Chair: Hi Bahl Lee, Jacek Waniewski

9.00-9.30 **Hi Bahl Lee** (*Korea*)

“Optimal blood pressure target in chronic kidney disease”

9.30-10.00 **Bengt Lindholm** (*Sweden*)

“Biomarkers of cardiovascular disease and mortality in CKD Patients”

10.00-10.30 **Andrzej Więcek** (*Poland*)
“Aldosterone antagonists in patients with chronic kidney disease”

10.30 – 10.50 COFFEE BREAK

10.50-11.20 **Jacek Waniewski** (*Poland*)
“Cardiovascular system in patients on hemodialysis: Results from pulse wave analysis and mathematical modelling”

11.20-11.50 **Yong Chul Kim** (*Korea*)
“The impact of sunlight exposure on mortality of ESRD patients: a bi-directional case-crossover study in the Korean nation-wide ESRD cohort”

11.50-14.00 LUNCH BREAK

SESSION 2: Strategies against renal fibrosis – primary and secondary glomerulonephritis

Chair: Bengt Lindholm, Andrzej Więcek

14.00-14.30 **Jung Pyo Lee** (*Korea*)
“Soluble cMet level in urine is a significant prognostic biomarker for diabetic nephropathy”

14.30-15.00 **Beata Naumnik** (*Poland*)
“Intermediate (CD14++CD16+) monocytes and circulating Very Small Embryonic Like Stem Cells (VSELs) in IgA Nephropathy”

15.00-15.20 COFFEE BREAK

SESSION 3: Peritoneal dialysis and kidney transplantation

Chair: Yon Su Kim, Beata Naumnik

15.20-15.50 **Alicja Dębska-Ślizień** (*Poland*)
“A paired analysis of the outcome after kidney transplantation in peritoneal and hemodialysis patients”

15.50-16.20 Krzysztof Pawlaczyk (Poland)
“Cardiovascular risk in PD patients”

16.20-16.50 Joanna Stachowska-Pietka (Poland)
What happens with peritoneal membrane in patients with UF failure: insights from distributed modelling”

Saturday, 13 October 2018

SESSION 4: Strategies against renal fibrosis – infection and inflammation

Chair: Jong Soo Lee, Bolesław Rutkowski

9.00-9.30 Jong Soo Lee (Korea)
“CD137L signaling is an inflammation checkpoint in renal Inflammation”

9.30-10.00 Sang Youb Han (Korea)
“Epstein-Barr virus-encoded latent membrane protein 1 induces epithelial to mesenchymal transition by inducing V-set Ig domain containing 4 (VSIG4) expression via NF- κ B in renal tubular epithelial cells”

10.00-10.30 Yon Su Kim (Korea)
“ST2 blockade abrogates podocyte injury and tubulo-interstitial fibrosis”

10.30 Closing remarks

Hi Bahl Lee, Jacek Waniewski, Beata Naumnik