The evolving role of podocytes in glomerular physiology and disease

Freiburg, 18th September 1999, 11.30 - 14.30

Co-Chairs:

H. Pavenstädt, Freiburg

P. Mundel, Bronx

M. Kretzler, Munich

Scientific Program

Session 1: **Functions of new genes in podocytes**

Moderators: *S. Shankland (Seattle), W. Kriz (Heidelberg)*

11.30-11.50	D. Kerjaschki, Vienna: Podoplanin, a novel mucoprotein in podocytes and lymphatic capillaries
11.50-12.10	R. Wiggins, Ann Arbor: Glomerular epithelial protein 1 (GLEPP1), a podocyte receptor membrane protein tyrosine phosphatase
12.10-12.30	H. Holthofer, Helsinki: Nephrin in experimental damage of the glomerulus
12.30-12.45	M. Kretzler, Munich: Molecular mechanisms of proteinuria: Novel insights into podocyte-glomerular basement membrane interactions
12.45-13.00	P. Mundel, Bronx: Cell biology and pathology of cultured podocytes

Session 2: **Podocyte phenotype and signaling in glomerular disease**

Moderators: *D. Schlöndorff (Munich), D. Kerjaschki (Vienna)*

13.00-13.20 W. E. Smoyer, Ann Arbor: Regulation of podocyte structure by hsp27

13.20-13.40 W. Kriz, Heidelberg: Podocytes injury leads to the development of segmental glomerulosclerosis

13.40-14.00 L. Barisoni, New York: Modulation of the podocyte phenotype in human glomerular diseases

14.00-14.20 S. Shankland, Seattle: Cell cycle control in glomerular podocytes

14.20-14.30 H. Pavenstädt, Freiburg: Ca^{2+} signaling in podocytes