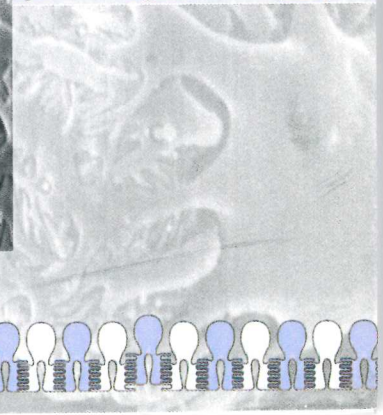
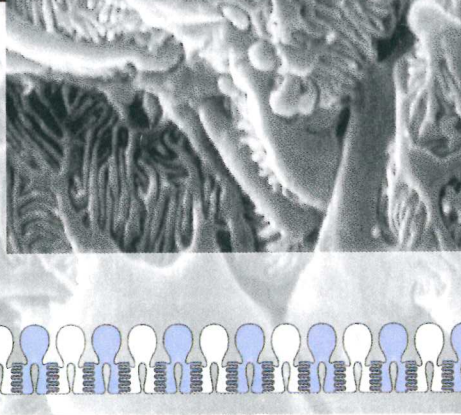
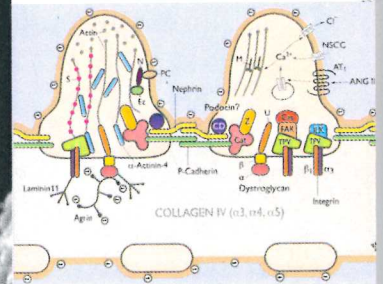
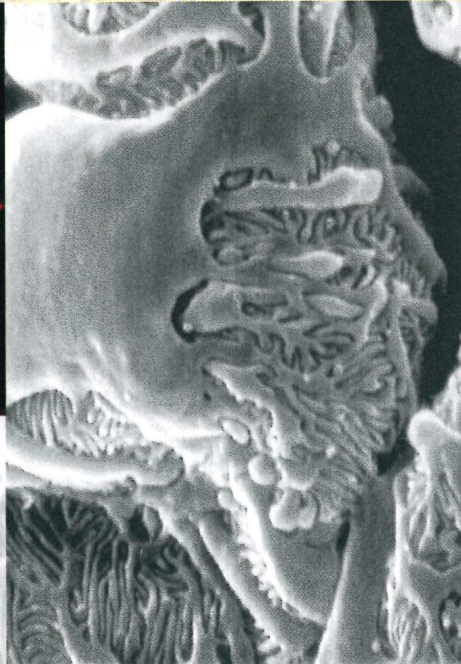
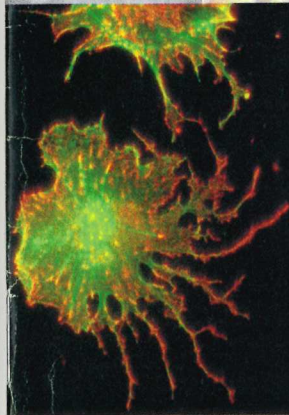
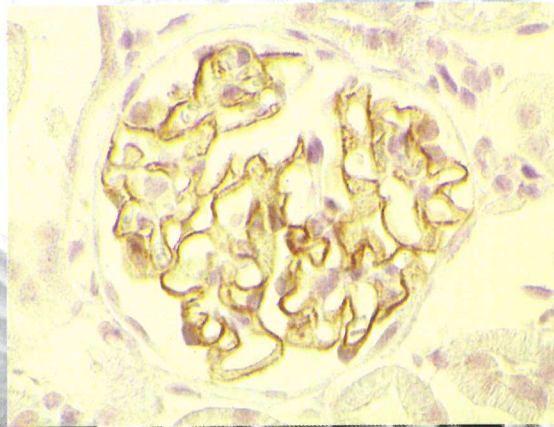


Biology and Pathology of the Podocyte

3rd International Symposium on Podocyte Biology

27th / 28th September 2001, Heidelberg - Germany



Welcome
to the 3rd International Symposium on Podocyte Biology

Biology and Pathology of the Podocyte
27th / 28th September 2001, Heidelberg - Germany

Hosted by:
**Institut für Anatomie und Zellbiologie,
Universität Heidelberg, Germany**

Organized by:
**Forscherguppe der Deutschen Forschungsgemeinschaft
"Mechanismen der Progression des chronischen Nierenversagens"
(Chronic renal failure: mechanisms of progression)**

Organizing committee:

**Wilhelm Kriz
Carla Lyko
Bruni Hähnel
Cari Adams
Rolf Nonnenmacher
Dieter Hock
Karlhans Endlich
Ralph Witzgall**

*Institute of Anatomy and Cell Biology, University of Heidelberg,
Im Neuenheimer Feld 307, D-69120 Heidelberg, Germany
e-mail: info@podocyte-2001.de*

Agenda

Thursday, Sept. 27th, 2001

8.30 **Opening address**
Wilhelm Kriz

Session I: Models to study podocyte biology

Chairs: **Corinne Antignac**
 Dontscho Kerjaschki

8.40-9.05 **Susan E. Quaggin, Toronto**
 „Cre”-ating the kidney filter

9.05-9.30 **Raghu Kalluri, Boston**
 Proteinuria, podocyte and renal diseases: Insights from knock-out mice, functional genomics and proteomics

9.30-9.55 **Moin A. Saleem, Bristol**
 Normal and mutant human podocyte cell lines - clues for gene function

9.55-10.20 **Iain Drummond, Charlestown**
 Podocyte - endothelial cell interactions in glomerular morphogenesis

10.20-10.50 **Coffee Break**

Session II: Substructure of the slit membrane and mechanisms leading to protein leakage

Chairs: Detlev Schlöndorff
Stuart J. Shankland

10.50-11.15 Lawrence Holzman, Ann Arbor
Phosphorylation of nephrin by members of the src kinase family

11.15-11.40 Jeffrey H. Miner, St. Louis
Regulation of expression of slit diaphragm-associated proteins

11.40-12.05 Andrey S. Shaw, St. Louis
The role of CD2AP in glomerular disease

12.05-12.30 Hiroshi Kawachi and Fujio Shimizu, Niigata
Pathogenetic mechanisms after mAb 5-1-6 binding to nephrin

12.45-14.00 Lunch and Photo

Session III: Podocyte cytoskeleton and interactions with the GBM

Chairs: Fujio Shimizu
Martin Pollak

14.00-14.25 Dentscho Kerjaschki, Vienna
Role of dystroglycan and laminin in foot process effacement

14.25-14.50 Matthias Kretzler, Munich
Interaction between integrin-linked kinase and cytoskeletal proteins in podocytes

membrane and mechanisms
ge

Arbor
members of the src kinase family

: diaphragm-associated proteins

lar disease

io Shimizu, Niigata
r mAb 5-1-6 binding to nephrin

nd interactions with the

ina
in in foot process effacement

h
ked kinase and cytoskeletal

14.50-15.15 Naoto Kobayashi, Ehime
Podocyte process formation in vitro

15.15-15.40 Karlhans Endlich, Heidelberg
Effect and transduction of mechanical stress in podocytes

15.40-16.05 Peter Mundel, New York
A novel link between the immune system and the cytoskeletal organization in podocytes

16.05-16.30 Coffee Break

16.30-17.00 Inaugural meeting of an International Podocyte Club

17.00-21.00 Poster Session



"Alte Anatomie"