

A scanning electron micrograph (SEM) showing the surface of podocytes, which are specialized cells in the kidney. The image displays the characteristic foot processes (pedicels) of podocytes, which are arranged in a complex, interlocking pattern. The surface appears highly textured and irregular, with many small, rounded protrusions and deep, narrow crevices. The overall color is a monochromatic, grainy grey, typical of SEM images.

Symposium on Podocyte Biology 2000

Hosted by

The Division of Nephrology, Department of Internal Medicine,
and The Department of Pediatrics,

University of Michigan Medical School, Ann Arbor, Michigan

September 15-16, 2000

AGENDA

Symposium on Podocyte Biology 2000

Friday, September 15, 2000

8:00am	<i>Breakfast</i>	Koesller Room, 3 rd Floor, The Michigan League
8:50am	<i>Welcome</i> <i>Allen Lichter, Dean, University of Michigan Medical School</i> <i>Roger Wiggins, Chief, Division of Nephrology</i>	Henderson Room, 3 rd Floor, The Michigan League
Morning Session		Moderator: <i>Lawrence Holzman</i>
9:00am	Nephrin Biology	<i>Karl Tryggvason, Karolinska Institute</i>
9:30am	Nephrin And The Slit Diaphragm As Defined By Electron Tomography	<i>Jorma Wartiovaara, University of Helsinki</i>
10:00am	Nephrin In Experimental Models Of Glomerulonephritis	<i>Harry Holthofer University of Helsinki</i>
10:30am	<i>Break</i>	
11:00am	Rat Nephrin In Glomerular Development And In Proteinuric States	<i>Hiroshi Kawachi, Nigata University School of Medicine</i>
11:30am	CD2AP In Podocyte Function	<i>Andrey Shaw, Washington University</i>
12:00pm	<i>Lunch</i>	Koesller Room, The Michigan League
12:30pm	<i>Poster Session</i>	Hallway, 3 rd Floor, The Michigan League
Afternoon Session		Moderator: <i>William Smoyer</i>
2:00pm	Role Of Podocalyxin And Cytoskeletal Proteins In Podocyte Architecture	<i>Marilyn Farquhar, U of California, San Diego</i>
2:30pm	Podocalyxin Interactions In Podocyte Function	<i>David Kershaw, University of Michigan</i>
3:00pm	<i>Break</i>	
3:30pm	Identification Of A Familial FSGS Gene: Alpha Actinin 4 And The Podocyte	<i>Martin Pollak, Harvard University</i>
4:00pm	Synaptopodin And The Actin Cytoskeleton	<i>Peter Mundel, Albert Einstein School of Medicine</i>
4:30pm	GLEPP1 And The Cytoskeleton	<i>Roger Wiggins, University of Michigan</i>
5:00pm to 6:30pm	<i>Social Hour</i>	Courtyard, The Michigan League
7:15pm	<i>Bell Tower Guests Meet Bus To Dinner</i>	
7:25pm	<i>Campus Inn Guests Meet Bus To Dinner</i>	
7:30pm	<i>Dinner</i>	The Gandy Dancer

Saturday, September 16, 2000

8:00am *Breakfast*

**Koesller Room,
3rd Floor,
The Michigan League**

8:55am

**Henderson Room
3rd Floor,
The Michigan League**

Morning Session

Moderator: Paul Killen

9:00am Podocyte Differentiation In Developing Glomeruli

*Dale Abrahamson,
University of Kansas*

9:30am Podocyte Matrix Interactions And Glomerular
Development

*Jeffrey Miner,
Washington University*

10:00am Membrane Proteins At The "Soles" Of Foot
Processes And Podocyte Shape

*Dontcho Kerjaschkei,
Institut fur Klinische Pathologie, Vienna*

10:30am *Break*

11:00am $\alpha 3 \beta 1$ Integrin Has A Crucial Role In Podocyte
Differentiation

*Jordan Kreidberg,
Harvard University*

11:30am Integrin Linked Kinase As A Common Downstream
Effector In Podocyte Injury

*Matthias Kretzler,
Ludwigs-Maximilians-Universitat, Munich*

12:00pm *Lunch*

**Koesller Room,
The Michigan League**

Afternoon Session

Moderator: David Kershaw

1:00pm Identification Of A Familial FSGS Gene: Podocin
And The Podocyte

*Corinne Antignac,
Hopital Necker, Paris*

1:30pm The Membrane-Associated Guanylate Kinase MAGI-
1 Binds Synaptopodin And Beta-Dystroglycan:
Implications For A Multi-Protein Complex Within
Glomerular Podocytes.

*Benjamin Margolis,
University of Michigan*

2:00pm Mouse Models To Study The Podocyte Cell Lineage

*Susan Quaggin,
University of Toronto*

2:30pm *Break*

3:00pm Differences In The Organization Of Tuft Adhesions
In Glomerular Diseases Appear To Correlate With
The Tendency To Disease Progression

*Wilhelm Kriz,
Institut f. Anatomie u. Zellbiologie,
Heidelberg*

3:30pm The Cell Cycle And Podocyte Injury: Role In
Proliferation And Differentiation

*Stuart Shankland,
University of Washington*

4:00pm Dysfunction Of The Podocyte In Membranous
Nephropathy

*Herman Pavenstadt,
University of Freiburg*

4:30pm Transdifferentiation Of Podocytes

*Fujio Shimizu,
Nigata University School of Medicine*

6:25pm *Bell Tower Guests Meet Bus To Dinner*

6:35pm *Campus Inn Guests Meet Bus To Dinner*

7:00pm *Dinner*

Cousin's Heritage Inn, Dexter

Podocyte Symposium Committee Members

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