

International Symposia on Kidney Development And Tissue Engineering

Oulu, Finland,
Kastelli Research Centre, Aapistie 1, Finland
23-24.8.07

Organizers: *Biocenter Oulu and EuReGene, European Renal Genome project research consortium, Society of Finnish Developmental Biology*

Registration: eurogene_registration@oulu.fi

Last day to register 1.8.2007



Program of the meeting:

23.08.2007 Thursday – evening session

18.00-18.05 Opening words Dr. Seppo Vainio

18.05-18.15 Opening words by Dr. Taina Pihlajaniemi (Scientific director of Biocenter Oulu)

Session I: Developing Technologies for Renal Regenerative Medicine

18.15-19.00 Marc R Hammerman (USA): "Organogenesis of kidney and endocrine pancreas: Growing New Organs *in situ*"

Session II: Model systems to analyze kidney development

19.00-19.45 Helen Skaer (UK): "Specification mechanisms of the fly kidney"

19.45-20.30 Andre Brandli (Switzerland): "The *Xenopus* pronephros as a developmental model system"

20.30-21.00 Arindam Majumdar (Sweden): "The zebra fish to screen genes involved in kidney organogenesis"

24.08.2007 Friday

Session III: Specification of metanephric mesenchyme and ureteric bud

09.00-09.45 Thomas Schultheiss (USA): "Factors which regulate the formation of nephrogenic tissue".

09.45-10.15 Rolf Zeller (Switzerland): "Genetic analysis of Gremlin1-BMP signalling interactions during initiation and progression of metanephric kidney development"

Session IV: Induction of nephrogenesis

10.15-10.45 Hannu Sariola (Finland): "Essential roles of Wnt/b-catenin signalling in both induction of kidney mesenchyme and ureteric branching"

10.45-11.15 Seppo Vainio (Finland): "Mammalian model systems to assay nephrogenesis"

11.15-12.00 Greg Dressler (USA): "How do Pax Proteins Specify Cell Lineages?"

12.00-13.00 Lunch

Session V: Epithelial-mesenchymal interactions in the control of organogenesis

13.00-13.45 Sanjay Nigam (USA): "Regulation of budding and branching during kidney development"

13.45-14.15 Jamie Davies (UK): "Morphogenesis of the urinary collecting duct tree"

14.15-15.00 Maxime Bouchard (Canada): "The role of Gata3 in kidney morphogenesis"

15.00-15.30 Coffee

Session VI: Cell lineage commitment during kidney assembly

15.30-16.00 Kai Schmidt-Ott (USA): "Analysis of global transcriptional signatures in the developing kidney".

16.00-16.30 Silvia Cereghini (France): "Role of the transcription factor vHNF1/TCF2 in ureteric branching during metanephric kidney development"

16.30-17.00 Raija Soininen (Finland): "Role of extracellular matrix components in kidney glomerular function"

Closing remarks: Seppo Vainio

19.00- Dinner for the speakers & evening party

25-26.8. EuReGene summer school on "Mechanisms of Kidney Development"

Dinner card 35 euros to be paid in IBAN-account number [Fi4816603000101520](https://www.finland.fi/en/ibans), SWIFT address: [NDEAFIHH](https://www.finland.fi/en/swift) Nordea Bank Finland Plc, Helsinki, indicate the project number 54864

