

Workshop 1 / March 15, 1999:

Phenotype conversion and signaling in epithelial cells

Chair: Denker (Essen), Hay (Boston)

Speakers:

- 15:00-15:30 **Elizabeth D. Hay (Boston, USA):** Epithelio-mesenchymal transition in the embryo and adult: general remarks
- 15:30-15:55 **Don Newgreen (Parkville, Australia):** Epithelio-mesenchymal transition in embryonic neural cells: causes and consequences
- 15:55-16:20 **Ernst Reichmann (Epalinges, Switzerland):** Structural and signaling functions of β -catenin during epithelio-fibroblastoid cell transitions
- 16:20-16:25 **Gerhard Wirl (Salzburg, Austria):** Correlation of invasion with differential expression of (α 5 β 1) and (α 6 β 1) integrins in Ras-transformed mammary epithelial cells (Poster) *
- 16:25-16:40 Coffee break
- 16:40-17:05 **Daniel D. Carson (Newark, USA):** Proteoglycan-dependent interaction in the implantation process
- 17:05-17:30 **D. Randall Armant (Detroit, USA):** Integrin signaling and trophoblast phenotype conversion during mouse blastocyst implantation
- 17:30-17:55 **Michael Thie (Essen, Germany):** Adhesiveness of the apical membrane of uterine epithelial cells: a cascade of molecular alterations that leads to stable cell-cell binding
- 17:55-18:00 **Bettina Husen (Greifswald, Germany):** Effects of serum replacement on steroid metabolism and morphology of human endometrial epithelial cells (Poster)

** Title of oral presentation: TGF- β confers invasiveness to Ras-transformed mammary epithelial cells upon inducing the non-polarized expression of fibronectin and laminin receptors.*