

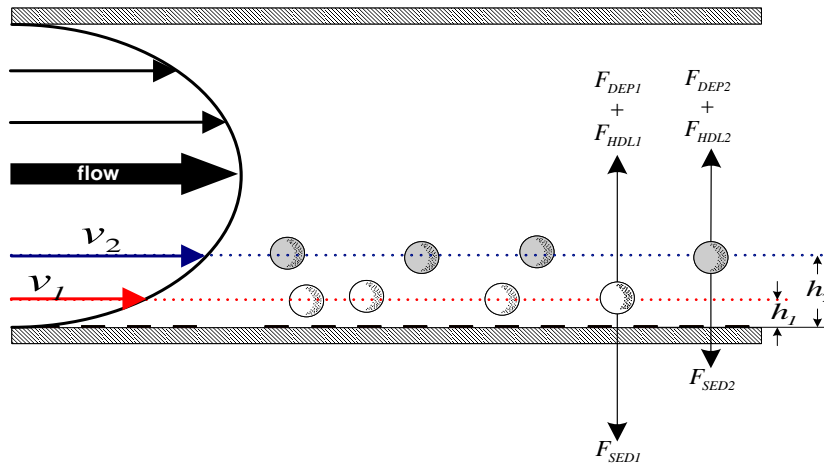
# Main topics of my research laboratory

<1> Prof. Peter R. Gascoyne

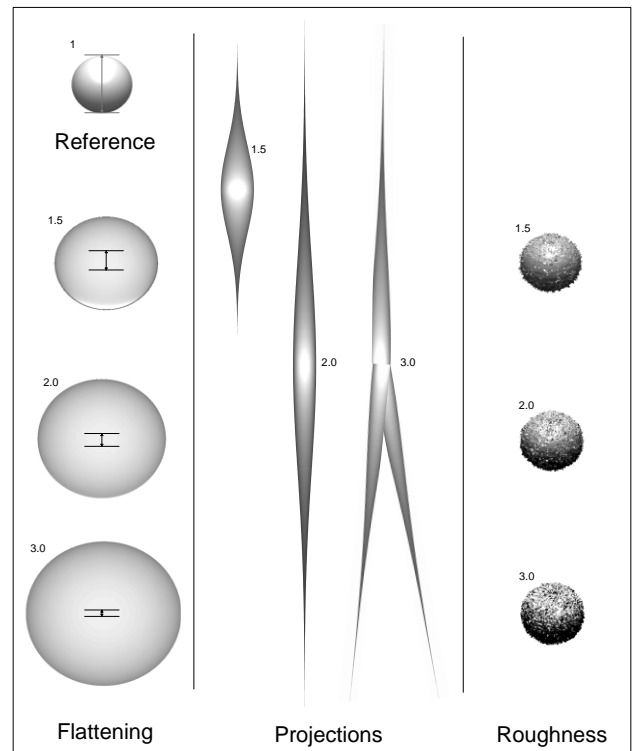
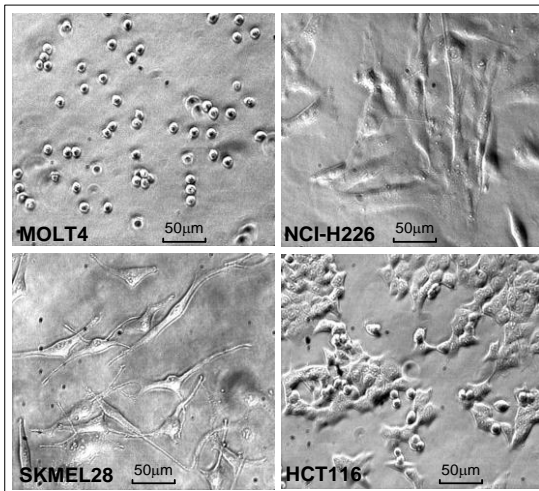
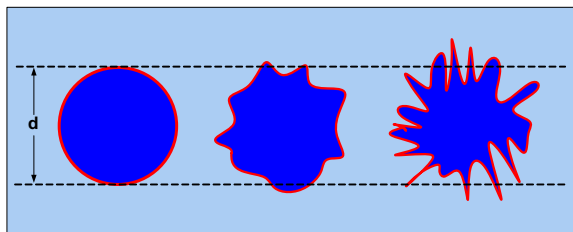
April 5 (Friday) 9:00-10:30

“High throughput characterization and isolation of cells by dielectrophoresis”

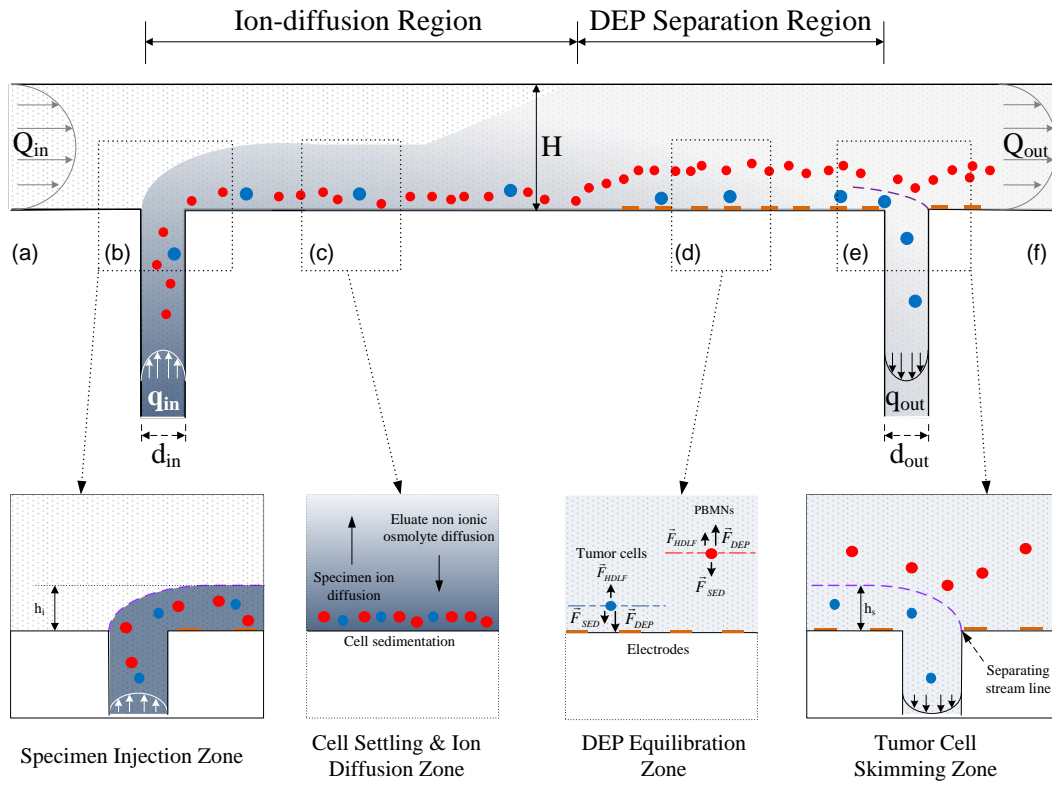
## 1) Development of dielectric field-flow-fractionation



## 2) Understanding the dielectric differences between different cell types in terms of cell morphology and origin



### 3) Development of high throughput DEP-based cell isolation



### 4) Isolation of rare circulating tumor cells from blood

