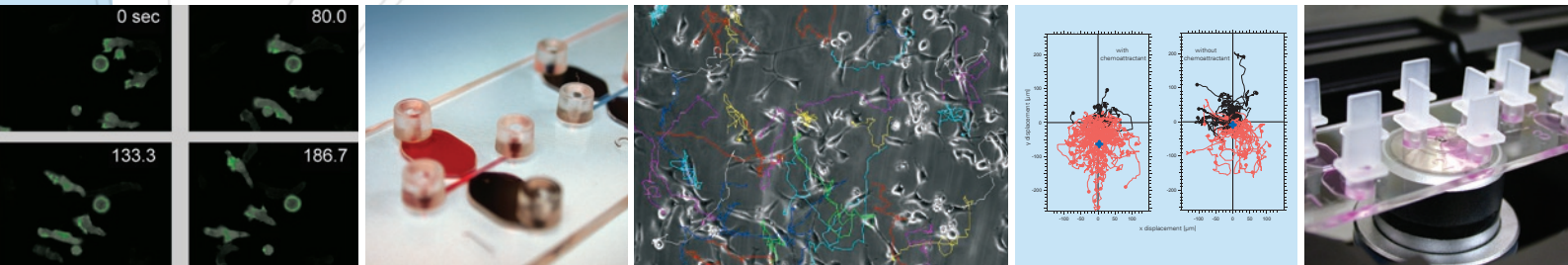


Workshop

Chemotaxis and video microscopy

15.-16. October 2009 · ibidi GmbH Martinsried / München



Aim:

The aim of the course is to learn the experimental setup and the analysis of chemotactical assays by means of video microscopy. The focus is the analysis of slow migrating cells for example endothelial and tumor cells. Experiments are performed and analysed using HT 1080. The main topics are sample preparation, video microscopy of migrating cells, cell tracking, data analysis and presentation of the results. Finally, characteristic parameters are evaluated which describe directed and/ or undirected cell motion.

Thursday: 15.10.2009

11:00	Welcome and get together
11:15	Schedule of the training / preliminary discussion
12:15	Lunch
13:15	"Hands-on" part 1 Cell preparation / cell seeding
14:15	Talk 1: Basics of chemotaxis
15:15	"Hands-on" part 2 Setup of an experiment (measurement over night)
16:45	Introduction into data analysis
17:00	Summary / finish around 17:30 Dinner in Munich

Friday: 16.10.2009

9:30	"Hands-on" part 3 Analysis of the data taken over night Introduction into tracking and analysis software
12:00	Lunch
13:00	Talk 2: Chemotaxis advanced level / discussion
16:00	Finish of the training

The number of attendants is limited to 4. Price per attendant is 500 Euro. The workshop language is English. If you have any further questions please do not hesitate to contact us.