

Satellit Symposium
“Novel machineries controlling cell migration and their role in cancer progression”
PROGRAM

9.30-10.00	Registration of participants
10.00-10.10	Opening of symposium
Section 1. Regulation of cell motility determining their ability to invasion and metastasis.	
Chairmen: A.Alexandrova, E. Denisov	
10.10-10.55	Mechanisms of matrix remodeling and invasion by breast tumor cells’ Key note speaker Chavrier Philippe (Institut Curie, Paris, France)
10.55-11.15	Control of cell cycle progression by Arp2/3-dependent cell migration Alexis Gautreau (Ecole Polytechnique)
11.15-11.35	Understanding cellular force response through the in vitro reconstitution of actomyosin-associated mechanosensitive protein machineries Christophe Le Clainche (Université Paris-Saclay)
11.35-11.55	The role of vimentin IFs in cell migration Alexandr Minin (Institute of Protein Research, Russian Academy of Sciences)
11.55-12.15	The macrophages contribute to cancer chemotherapy efficacy Nadezhda Cherdyntseva (Tomsk NRMC)
12.15 -12.25	Discussion
12.25-13.30	Lunch
Section 2. The search for new mechanisms which regulated cell motility.	
Chairman: A. Gautreau	
13.30-13.50	Regulation of cell polarity during tumour formation Manuel Thery (CytoMorpho Lab, Institut Universitaire d’Hematologie, Hopital Saint Louis, Paris, France)
13.50-14.10	The search for genetic alterations involved in collective and individual cell invasion in breast cancer Evgeny Denisov (Tomsk NRMC)
14.10-14.30	A genome-wide RNAi screen identifies essential regulator genes of highly invasive breast cancer stem cells Jacques Camonis (Institut Curie, Paris, France)
14.30-14.50	Differentially expressed genes in morphological structures of breast cancer and their association with invasive and metastatic potential Tatiana S. Gerashchenko (Tomsk NRMC)
14.50-15.10	Mesenchymal-to-amoeboid transition as specific programme of tumor dissemination Antonina Alexandrova (N.N. Blokhin NMRCO)
15.10-15.30	Cohort analysis of breast cancer patients reveals an anti-migratory function of a WAVE complex subunit Anna Polesskaya (Ecole Polytechnique)
15.30-15.50	Relationship between LIMCH1 expression and morphological heterogeneity in breast cancer Vladimir Perelmuter, Lubov Tashireva (Tomsk NRMC)
15.50-16.00	Final discussion. Closing of symposium.