

Day 1 - 03 March 2014

<i>08:30 - 09:30</i>			<i>Registration</i>
Plenary session	Current strategies and challenges in cell migration research (09:30 - 10:50)	Speaker	
09:30 - 09:45	Introduction and workshop concept	Organizers, VIB/UGent, Belgium	
09:45 - 10:05	Opening keynote: Quantitation and challenges of monitoring 3D cell migration <i>in vitro</i> and <i>in vivo</i>	Dr Peter Friedl, Radboud University Nijmegen, The Netherlands	
10:05 - 10:20	Understanding cell adhesion and migration by use of systems microscopy	Dr Staffan Strömblad, Karolinska Institutet, Sweden	
10:20 - 10:35	Analysis of migration and invasion in human <i>in vitro</i> cancer models	Dr Helmut Dolznig, Medical University of Vienna, Austria	
10:35 - 10:50	Systems microscopy approaches to understand cell migration: challenges and opportunities	Dr Sylvia Le Dévédec, Leiden Academic Centre for Drug Research, The Netherlands	
<i>10:50 - 11:15</i>			<i>Coffee break</i>
Plenary session	Standardization and data sharing (11:15 - 12:15)	Speaker	
11:15 - 11:30	Mapping the landscape of community-standards: challenges and opportunities	Dr Susanna-Assunta Sansone, University of Oxford, UK	
11:30 - 11:45	The Cell Migration Consortium: interdisciplinary collaboration and dissemination	Dr Rick Horwitz, University of Virginia, US	
11:45 - 12:00	CellMissy: enabling management and dissemination of cell migration data	Paola Masuzzo, VIB/UGent, Belgium	
12:00 - 12:15	Statistical analysis and computational modelling of cell migration data with R and Bioconductor	Dr Joseph Barry, EMBL, Germany	
<i>12:15 - 14:00</i>			<i>Lunch</i>
Joint session	14:00 - 14:15	All participants	
14:00 - 14:15	Organization of the break-out sessions		
Breakout sessions	14:15 - 15:45	All participants	
14:15 - 15:45	Breakout sessions according to the key areas delineated in the previous session		
<i>15:45 - 16:15</i>			<i>Coffee break</i>
Breakout sessions	16:15 - 17:40	All participants	
16:15 - 17:40	Breakout sessions according to the key areas delineated in the previous session		
Joint session	17:40 - 18:00	All participants	
17:40 - 18:00	Five-minute progress reports from each breakout session		
<i>19:30 - 22:00</i>			<i>Dinner and discussions</i>

Day 2 - 04 Mar 2014

<i>Plenary session</i>		<i>Image analysis and management in cell migration (09:30 - 10:50)</i>	<i>Speaker</i>
09:30 - 09:50	Cellular assays using Pattern Recognition		Dr Ilya G. Goldberg, NIH, US
09:50 - 10:05	Quantitative cell dynamics		Dr Jean-Christophe Olivo Marin, Institut Pasteur, France
10:05 - 10:20	Publishing Large BioImage Datasets with Bio-Formats and OMERO: a Report from the Real World		Dr Josh Moore, Glencoe Software, Germany
10:20 - 10:35	<i>In vitro</i> cell tracking, from (cheap) phase contrast images to motility features		Dr Olivier Debeir, Dr Christine Decaestecker, Université Libre de Bruxelles, Belgium
10:35 - 10:50	Standardizing Cell Based Assays: from Sample Preparation To Data Analysis		Dr Roman Zantl, ibidi GmbH, Germany
<i>10:50 - 11:15</i>		<i>Coffee break</i>	
<i>Plenary session</i>		<i>Heterogeneous nature of cell migration research I (11:15 - 12:15)</i>	<i>Speaker</i>
11:15 -11:20	Introduction to the session		Dr Marleen Van Troys, UGent, Belgium
11:20 - 11:35	Analyzing cell migration data from intravital two-photon imaging		Dr Johannes Textor, Utrecht University, The Netherlands
11:35 - 11:50	Tumor-Stroma crosstalk in invasive cancer		Dr Cedric Gaggioli, Institut de recherche sur le cancer et le vieillissement, France
11:50 - 12:05	Analysis of Molecular Dynamics <i>in vivo</i>		Dr Kurt Anderson, Beatson Institute (Cancer Research UK), UK
<i>12:05 - 14:00</i>		<i>Lunch</i>	
<i>Breakout sessions</i>		<i>14:15 - 15:45</i>	<i>All participants</i>
14:00 - 15:45	Breakout sessions (continued from previous day)		
<i>15:45 - 16:15</i>		<i>Coffee break</i>	
<i>Breakout sessions</i>		<i>16:15 - 17:40</i>	<i>All participants</i>
16:15 - 17:40	Breakout sessions (continued from previous day)		
<i>Joint session</i>		<i>17:40 -18:00</i>	<i>All participants</i>
17:40 - 18:00	Five-minute progress reports from each breakout session		
<i>19:30 - 22:00</i>		<i>Dinner and discussions</i>	

Day 3 - 05 March 2014

<i>Plenary session</i>		<i>Heterogeneous nature of cell migration research II (09:00 - 10:20)</i>	<i>Speaker</i>
09:00 - 09:15	Tumor-associated stroma as paracrine stimulator of cancer cell invasion		Dr Olivier De Wever, Ghent University Hospital, Belgium
09:15 - 09:30	The role of filopodia in directed cancer cell migration in 2D and 3D		Dr Danijela Matic Vignjevic, Institut Curie, France
09:30 - 09:45	Quantitating Individual and Collective Cell migration		Dr Zvi Kam, Weizmann Institute of Science, Israel
09:45 - 10:00	Signalling pathways in melanoma dissemination or how to combine OMICs, Imaging and Molecular Biology approaches		Dr Victoria Sanz Moreno, King's College London, UK
<i>10:00 - 10:30</i>		<i>Coffee break</i>	
<i>Joint session</i>		<i>10:30 - 12:30</i>	
10:30 - 11:15	Creation of the Cell Migration Standardization Consortium		<i>All participants</i>
11:15 - 12:15	Drafting a review manuscript outline and overall discussion		<i>All participants</i>
12:15 - 12:30	Meeting end and next steps		Organizers, VIB/UGent, Belgium
<i>12:30 - 14:00</i>		<i>Sandwich lunch and departures</i>	