

2011 Joint Autumn Meeting of the BSCDB/BSM  
**“Advanced Microscopy Meets Cell and  
 Developmental Biology”**  
 October 22, 2011 – Antwerp

**PROGRAM**

8:30 – 9:15	<b>Registration - Poster mounting - Coffee</b>
9:15 – 9:30	Welcome and introduction
<b>MORNING SESSION</b>	
<b>Chair: Jean-Pierre Timmermans &amp; Peter Ponsaerts</b>	
9:30 – 10:15	<b>PLENARY: Iain Shepherd</b> (Emory university, Atlanta, USA) <i>“Proliferate or Differentiate. Insights into the role of BMP signaling in ENS development using zebrafish”</i>
10:20 – 10:35	<b>Anne-Christine Hick</b> (Université Catholique de Louvain, Brussels, Belgium) <i>“Epithelial-endothelial cross-talk during thyroid follicle formation”</i>
10:40 – 10:55	<b>Nathalie De Vocht</b> (University of Antwerp, Antwerp, Belgium) <i>“Quantitative analysis of glial cell behaviour following mesenchymal stromal cell implantation in the central nervous system of immunocompetent mice”</i>
10:55 – 11:35	<b>Coffee break - Visit the exhibitors</b>
11:35 – 11:50	<b>Peter Verstraelen</b> (University of Antwerp, Antwerp, Belgium) <i>“Functional and morphological visualization of in vitro neuronal network maturation”</i>
11:55 – 12:40	<b>PLENARY: Alexander Rigort</b> (Max-Planck-Institute for Biochemistry, Germany) <i>“Making cryo-electron tomography more widely applicable in cell Biology”</i>
12:40 – 14:15	<b>Sandwich lunch - Poster viewing - Visit the exhibitors</b>
<b>AFTERNOON SESSION</b>	
<b>Chair: Dirk Adriaensen &amp; Eric Bellefroid</b>	
14:20 – 15:05	<b>PLENARY: Peter Willems</b> (Radboud University, Nijmegen Medical Centre, The Netherlands) <i>“Advanced microscopic visualization of mitochondrial function”</i>
15:10 – 15:25	<b>Winnok De Vos</b> (Ghent University, Ghent, Belgium) <i>“Repetitive disruptions of the nuclear envelope invoke temporary loss of cellular compartmentalization in laminopathies”</i>
15:30 – 15:45	<b>Kathy Schnorbusch</b> (University of Antwerp, Antwerp, Belgium) <i>“Towards an optimised lung slice model for confocal live cell imaging of the pulmonary neuroepithelial body microenvironment using GAD-GFP mice”</i>
15:50 – 16:05	<b>Kristof Notelaers</b> (Hasselt University, Diepenbeek, Belgium) <i>“Dynamics and organization of alpha3-containing glycine receptors using single molecule detection”</i>
16:10 – 16:35	<b>BSCDB PhD Excellence Award 2011</b> & Presentation by the awardee
16:40 – 16:50	<b>BSCDB &amp; BSM Poster prizes</b> – Closing words
17:00	<b>Stakeholder meeting of the Belgian ALM-consortium: towards a virtual Belgian node for Euro-Biolmaging</b>

**Local Organizers:** Jean-Pierre Timmermans, Dirk Adriaensen & Peter Ponsaerts

**Venue:** University of Antwerp, Campus Groenenborger (Building T)

Groenenborgerlaan 171, 2020 Antwerp

<http://bscdb.ugent.be/>

<http://www.bvm-sbm.ua.ac.be/>

