

# Cell Polarity and Membrane Traffic

Polonia Castle (Dom Polonii), Pultusk • Poland

31 March - 05 April 2012

## LIST OF ACCEPTED POSTERS

	Surname	First Name	Poster Title
1	Aguera	Sonia	Role of the actin and microtubule cytoskeleton in the formation of the immunological synapse and in T cell polarization
2	Arkowitz	Robert	A steep phosphoinositide phosphate gradient is critical for fungal filamentous growth
3	Atanasov	Atanas	Connection Between Volume/Surface Ratio, Lifespan, Metabolic Rate and Membrane Permeability in Cells
4	Bakke	Oddund	The fusion of early endosomes induces molecular motor-driven tubule formation and fission.
5	Balogh	Petra	A morphological and immunocytochemical study to follow the epithelial-to-mesenchymal transition in rat mesenteric mesothelial cells
6	Baschieri	Francesco	GM130 controls crosstalk between Cdc42 and Ras at the Golgi
7	Bettio	Valentina	Diacylglycerol Kinase Alpha Regulates Central Lumen Formation Through Annexin2 and Cdc42
8	Boncompain	Gaëlle	Cargo partitioning in the secretory pathway imaged using synchronized trafficking
9	Brankatschk	Marko	A new Rab library in Drosophila
10	Caceres	Alfredo	Participation of LIMK, PKD1 and Bars in the Formation of Dendritic Golgi Outposts
11	Calero	Francisco J.	Study of the establishment of epithelial polarity: Search for new proteins that interact with aPKC
12	Campuzano	Sonsoles	aPKC regulates Notch endocytosis to control the organization of the follicular epithelium in the Drosophila egg chamber
13	Casas-Tinto	Sergio	TROPONIN I in Drosophila contributes to the establishment and maintenance of cell polarity
14	Caviglia	Sara	Spatial and temporal control of membrane fusion in the Drosophila tracheal tube fusion process

15	Cianflone	Cristina	Diacylglycerol kinase alpha mediates SDF-1alpha-induced invasive behaviour by regulating atypical PKC and integrin recruitment to membrane protrusion of invasive breast cancer cells
16	Cyprych	Konrad	The intracellular distribution of lipid aggregates containing photosensitizers studied with fluorescence microscopy
17	Dhekne	Herschel	Myosin Vb controls the apical localization and activation of ezrin in human enterocytes, which is inhibited in Microvillus Inclusion Disease
18	Drozdowska	Alicja Maria	Traffic requirements of Ctc1p, a novel exomer-dependent cargo, during polarized growth in yeast
19	Dunst	Sebastian	Rab GTPases and wing morphogenesis in <i>Drosophila melanogaster</i>
20	Farhan	Hesso	Signaling at the Golgi in cell migration
21	Fletcher	Sarah	
22	Galvez-Santisteban	Manuel Angel	<i>TBC</i>
23	Ghosh	Sourav	Atypical PKC drives invasion of GBM tumor cells
24	González	Alfonso	Rab11 endosomes are intermediate compartments in selective basolateral pathways
25	Greber	Urs	Viral invasion of polarized cells - a new mechanism by cytokine-mediated receptor relocation
26	Gross	Julia	Defining the route of Evi/WIs mediated Wnt secretion
27	Guichet	Antoine	PI(4,5)P2 sustained by the PI5K Skittles controls the organisation of columnar epithelia through the membrane targeting of Bazooka/PAR-3 in <i>Drosophila</i>
28	Gupta	Dwijendra	Nanophosphors: Preparation, Characterization studies, Isolation of Biological Membranes and potential Role in Drug Delivery
29	Haack	Timm	Identification of energy-dependent epithelial polarity factors
30	Homolya	László	LKB1 and AMPK control ABCB11 trafficking and polarization in hepatocytes
31	Jankangram	Wichuda	Comparative Transcriptome Analyses of Three Contrasting Rice CVS Under Salt-Stress
32	Jonker	Caspar	The role of HOPS and CORVET components in polarized intracellular trafficking
33	Kato	Katsuhiko	The inositol 5-phosphatase SHIP2 is a novel effector of RhoA and is involved in cell polarity and migration
34	Katz	Sándor	A morphological and immunocytochemical study to follow the steps of epithelial-to-mesenchymal transition in rat mesothelial cells
35	Keller-Pinter	Aniko	Syndecan-4 promotes cytokinesis in a phosphorylation-dependent manner
36	Khamzina Plotnikova	Elena Edie	Effect of Different Concentrations of Carbon Dioxide on the Growth and Sensitivity to the Virus of Bovine Kidney Cells
37	Koorman	Thijs	Unraveling the protein interaction network underlying cell polarity
38	Kraevskiy	Sergey	Analysis of new low-toxic antiseptic for the control of <i>A.baumannii</i> -associated infections
39	Kuehn	Wolfgang	Kif3a guides microtubular dynamics, migration, and polarity independently of cilia

40	Kuster	Aurelia	Partners network of the endosomal v-SNARE TI-VAMP/VAMP7 in epithelial cells
41	Langowski	Lukasz	Mechanistic framework for apical, basal and lateral polar localization in Arabidopsis
42	Le Borgne	Roland	Septins are required for the establishment of adherens junction at the exit of mitosis of polarized epithelial cells
43	Learte	Anabel R	aPKC regulates Notch endocytosis to control the organization of the follicular epithelium in the Drosophila egg chamber
44	Li	Hongjiang	Hormone Signals Regulate Cell Polarity in Plant Cells
45	Lopez-Schier	Hernan	Compartmentalized signaling and epithelial mirror symmetry
46	Low	Boon Chuan	BNIP-2 and Cdc42GAP Homology (BCH) domains as potent regulatory scaffolds for Rho and Ras signaling in cell morphogenesis, motility and differentiation
47	Maminska	Agnieszka	Endocytic proteins as novel regulators of the NF- $\kappa$ B pathway
48	Manneville	Jean-Baptiste	Membrane trafficking and mechanics of the Golgi apparatus
49	Marzolo	Maria Paz	The polarized distribution of APOER2 in epithelial cells and in hippocampal neurons indicates a differential management of the receptor by the epithelial and neuronal sorting machinery
50	Michaux	Grégoire	Control of apical sorting and polarity maintenance during epithelial morphogenesis in vivo
51	Millarte	Valentina	Identification of novel regulators of the Golgi in cell migration using a siRNA screen
52	Moussian	Bernard	Secretion control during cuticle differentiation
53	Müsch	Anne	Building epithelia with columnar or hepatic polarity - A role for the kinase Par1b
54	Narayanan	Anjana	Bcr- a novel member of the PAR complex regulating cell polarity
55	Oyediran	Oyewale Akanfe	Antimicrobial Activities of Tetracarpidium Conophorum and Irvingia Gabonensis
56	Pan	Catherine Qiurong	BPGAP1 Coordinates Rho and Cortactin for Cell Polarity and Cell Invasion Through MEK2 And Pin1
57	Pierreux	Christophe	Epithelial: endothelial cross-talk during thyroid follicle formation
58	Polishchuk	Roman	New insights in trafficking of Wilson and Menkes disease proteins
59	Procek	Jan	The effect of lipid bilayer dipole potential on selected properties of biological membranes
60	Rajalingam	Krishnaraj	The other side of IAPs: Role in regulating the stability of Rac1 and cell migration
61	Ravid	Shoshana	The tumor suppressor Lgl1 regulates NMII-A cellular distribution and focal adhesion morphology to optimize cell migration
62	Rodriguez-Fraticelli	Alejo E.	Cell confinement in micropatterned 3D cyst cultures regulates lumen formation through control of LKB1-dependent contractility
63	Schink	Kay Oliver	Tracking of phosphoinositide dynamics during cell division

<b>64</b>	Schroeter	Saskia	COPI-mediated transport in yeast: Investigating interactions between COP-I coated vesicles and the Dsl1 tethering complex
<b>65</b>	Shewan	Annette	Lethal giant larvae co-ordinates epithelial polarity by spatiotemporal regulation of the apical actomyosin cytoskeleton
<b>66</b>	Simons	Matias	The (pro)renin receptor is required for the dynamic membrane trafficking of planar cell polarity proteins and E-Cadherin during epithelial morphogenesis
<b>67</b>	Smolarkiewicz	Michalina	Vesicular localization of gamma-secretase subunits in plants
<b>68</b>	Thompson	Barry	Self-recruitment of apical polarity determinants via regulated trafficking of Crumbs
<b>69</b>	Thuenauer	Roland	The role of Rab11 in apical membrane trafficking of Rhodopsin in MDCK cells
<b>70</b>	Truchet	Sandrine	Characterisation of the potential SNARE proteins relevant to milk product release
<b>71</b>	Turcza	Paulina	Probing the protein and lipid environment of diacylated SH4 domain proteins in lipid rafts
<b>72</b>	Van Ijzendoorn	Sven	The Na(+)/H(+)exchanger protein NHE6 regulates endosome pH, trafficking and cell polarity
<b>73</b>	Wang	Xuan	During mammalian division the cells harboring the young centrosome retain extrachromosomal circular DNA
<b>74</b>	Watanabe	Reika	Roles of lipid rafts in intracellular transport of GPI-anchored proteins in mammalian cells
<b>75</b>	Weiss	Matthias	Protein sorting and membrane-mediated interactions