



## RESEARCH CONFERENCES

ESF-EMBO Symposium

# 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	Atanasov	Atanas	Connection Between Volume/Surface Ratio, Lifespan, Metabolic Rate and Membrane Permeability in Cells
3	Balogh	Petra	A morphological and immunocytochemical study to follow the epithelial-to-mesenchymal transition in rat mesenteric mesothelial cells
4	Baschieri	Francesco	GM130 controls crosstalk between Cdc42 and Ras at the Golgi
5	Bettio	Valentina	Diacylglycerol Kinase Alpha Regulates Central Lumen Formation Through Annexin2 and Cdc42
6	Boncompain	Gaelle	Cargo partitioning in the secretory pathway imaged using synchronized trafficking
7	Brankatschk	Marko	A new Rab library in Drosophila
8	Caceres	Alfredo	Participation of LIMK, PKD1 and Bars in the Formation of Dendritic Golgi Outposts
9	Calero	Francisco J.	Study of the establishment of epithelial polarity: Search for new proteins that interact with aPKC
10	Campuzano	Sonsoles	aPKC regulates Notch endocytosis to control the organization of the follicular epithelium in the Drosophila egg chamber
11	Casas-Tinto	Sergio	TROPONIN I in Drosophila contributes to the establishment and maintenance of cell polarity
12	Caviglia	Sara	Spatial and temporal control of membrane fusion in the Drosophila tracheal tube fusion process
13	Chang	Zee-Fen	Gain-of-function mutation of Shp2 perturbs RhoA-Dia-mediated microtubule regulation to cause ERK hyper-activation and the loss of epithelial polarity

14	Cyprych	Konrad	The intracellular distribution of lipid aggregates containing photosensitizers studied with fluorescence microscopy
15	Dhekne	Herschel	Myosin Vb controls the apical localization and activation of ezrin in human enterocytes, which is inhibited in Microvillus Inclusion Disease
16	Drozdowska	Alicja Maria	Traffic requirements of Ctc1p, a novel exomer-dependent cargo, during polarized growth in yeast
17	Dunst	Sebastian	Rab GTPases and wing morphogenesis in <i>Drosophila melanogaster</i>
18	Facciuto	Florencia Natalia	The human papillomavirus E6 oncoproteins interfere with the function of cellular components involved in the regulation of cell polarity
19	Fletcher	Sarah	Internalisation of occludin and its role in the regulation of epithelial cell migration
20	Galvez-Santisteban	Manuel Angel	Title not provided
21	González	Alfonso	Rab11 endosomes are intermediate compartments in selective basolateral pathways
22	Greber	Urs	Viral invasion of polarized cells - a new mechanism by cytokine-mediated receptor relocation
23	Grieve/Vinke	Adam/Fabian	A novel role for GRASP65 in regulation of epithelial cell-cell adhesion and polarization
24	Gross	Julia	Defining the route of Evi/WIs mediated Wnt secretion
25	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>
26	Gupta	Dwijendra	Nanophosphors: Preparation, Characterization studies, Isolation of Biological Membranes and potential Role in Drug Delivery
27	Haack	Timm	Identification of energy-dependent epithelial polarity factors
28	Homolya	László	LKB1 and AMPK control ABCB11 trafficking and polarization in hepatocytes
29	Jankangram	Wichuda	Comparative Transcriptome Analyses of Three Contrasting Rice CVS Under Salt-Stress
30	Jonker	Caspar	The role of HOPS and CORVET components in polarized intracellular trafficking
31	Kato	Katsuhiko	The inositol 5-phosphatase SHIP2 is a novel effector of RhoA and is involved in cell polarity and migration
32	Katz	Sándor	A morphological and immunocytochemical study to follow the steps of epithelial-to-mesenchymal transition in rat mesothelial cells
33	Keller-Pinter	Aniko	Syndecan-4 promotes cytokinesis in a phosphorylation-dependent manner
34	Khamzina Plotnikova	Elena Edie	Effect of Different Concentrations of Carbon Dioxide on the Growth and Sensitivity to the Virus of Bovine Kidney Cells
35	Koorman	Thijs	Unraveling the protein interaction network underlying cell polarity
36	Koumarianou	Petrina	Role of Pax8 and Nkx2.1 transcription factors in epithelial thyroid cell polarity and follicle formation

37	Kraevskiy	Sergey	Analysis of new low-toxic antiseptic for the control of A.baumannii-associated infections
38	Kuehn	Wolfgang	Kif3a guides microtubular dynamics, migration, and polarity independently of cilia
39	Kuster	Aurelia	Partners network of the endosomal v-SNARE TI-VAMP/VAMP7 in epithelial cells
40	Langowski	Lukasz	Mechanistic framework for apical, basal and lateral polar localization in Arabidopsis
42	Learte	Anabel R	aPKC regulates Notch endocytosis to control the organization of the follicular epithelium in the Drosophila egg chamber
43	Li	Hongjiang	Hormone Signals Regulate Cell Polarity in Plant Cells
44	Lopez-Schier	Hernan	Compartmentalized signaling and epithelial mirror symmetry
45	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
46	Maminska	Agnieszka	Endocytic proteins as novel regulators of the NF- $\kappa$ B pathway
47	Manneville	Jean-Baptiste	Membrane trafficking and mechanics of the Golgi apparatus
48	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
49	Michaux	Grégoire	Control of apical sorting and polarity maintenance during epithelial morphogenesis in vivo
50	Millarte	Valentina	Identification of novel regulators of the Golgi in cell migration using a siRNA screen
51	Moussian	Bernard	Secretion control during cuticle differentiation
52	Müsch	Anne	Building epithelia with columnar or hepatic polarity - A role for the kinase Par1b
53	Narayanan	Anjana	Bcr- a novel member of the PAR complex regulating cell polarity
54	Oyediran	Oyewale Akanfe	Antimicrobial Activities of Tetracarpidium Conophorum and Irvingia Gabonensis
55	Pan	Catherine Qiurong	BPGAP1 Coordinates Rho and Cortactin for Cell Polarity and Cell Invasion Through MEK2 And Pin1
56	Pierreux	Christophe	Epithelial: endothelial cross-talk during thyroid follicle formation
57	Plotnikova	Edie	Effect of Different Concentrations of Carbon Dioxide on the Growth and Sensitivity to the Virus of Bovine Kidney Cells
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	Rodriguez-Fraticelli	Alejo E.	Cell confinement in micropatterned 3D cyst cultures regulates lumen formation through control of LKB1-dependent contractility

<b>61</b>	Schink	Kay Oliver	Tracking of phosphoinositide dynamics during cell division
<b>62</b>	Schroeter	Saskia	COPI-mediated transport in yeast: Investigating interactions between COP-I coated vesicles and the Dsl1 tethering complex
<b>63</b>	Shewan	Annette	Lethal giant larvae co-ordinates epithelial polarity by spatiotemporal regulation of the apical actomyosin cytoskeleton
<b>64</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>65</b>	Smolarkiewicz	Michalina	Vesicular localization of gamma-secretase subunits in plants
<b>66</b>	Thuenauer	Roland	The role of Rab11 in apical membrane trafficking of Rhodopsin in MDCK cells
<b>67</b>	Truchet	Sandrine	Characterisation of the potential SNARE proteins relevant to milk product release
<b>68</b>	Turcza	Paulina	Probing the protein and lipid environment of diacylated SH4 domain proteins in lipid rafts
<b>69</b>	Van Ijzendoorn	Sven	The Na(+)/H(+)exchanger protein NHE6 regulates endosome pH, trafficking and cell polarity
<b>70</b>	Wang	Xuan	During mammalian division the cells harboring the young centrosome retain extrachromosomal circular DNA
<b>71</b>	Watanabe	Reika	Roles of lipid rafts in intracellular transport of GPI-anchored proteins in mammalian cells
<b>72</b>	Weiss	Matthias	Protein sorting and membrane-mediated interactions
<b>73</b>	Worzfeld	Thomas	Plexin-B2 is required for kidney regeneration after acute renal failure