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ESF-EMBO Symposium

Cell Polarity and Membrane Traffic

Hotel Eden Roc, Sant Feliu de Guixols (Costa Brava) • Spain
23 -28 May 2009

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LIST OF ACCEPTED POSTERS :

SUNDAY 24th May

	Surname	First Name	Poster Title
1	Ackema	Karin Bernadette	The C. elegans ARF-GEFs AGEF-1 and GBF-1 are essential for early embryogenesis.
2	Aguilar	R. Claudio	The endocytic protein epsin regulates RhoGTPase-signaling and is required for cell polarity establishment and cell migration.
3	Aigouy	Benoit	Polarized cell rearrangements orient the axis of planar polarity in the wing epithelium of Drosophila
4	Akhtar	Nasreen	Beta 1 integrins control lumen formation and glandular epithelial morphogenesis through ILK
5	Almendinger	Johann	Recognition, internalization and degradation of apoptotic cells in C. elegans

6	Alonso	Miguel	Regulation of lumen formation and transcytotic transport by a novel member of the formin family
7	Armbruster	Kristina	Angina, the Drosophila homolog of the ARF-GEF GBF1, is required for epithelial tube size control and function of the Golgi Apparatus
8	Balasanyan	Varuzhan	mRNA trafficking in neurons in context of cell polarity
9	Bello-Morales	Raquel	Characterization of the MAL2 positive compartment in oligodendrocytes
10	Benhra	Najate	AP-1 clathrin adaptor complex controls the localization of the Notch-signalling regulator Sanpodo in Drosophila sensory-organ precursor cells
11	Berge	Ulrich	Systems view on morphogenesis: Multiple phase transitions control lumen formation
12	Blanchoud	Simon	Quantitative analysis and mathematical modeling of polarity establishment in C. elegans embryos
13	Boehlke	Christopher	The intraflagellar transport components KIF3A and IFT88/Polaris are required for directed migration of non-ciliated cells
14	Bogdan	Sven	Drosophila Cip4/Toca-1 integrates membrane trafficking and actin dynamics through WASP and WAVE/SCAR
15	Campos-Caro	Antonio	CHARACTERIZATION OF SNARE PROTEINS IN HUMAN NK CELLS
16	Campuzano	Sonsoles	Role of the apical Par-aPKC complex in the imaginal discs
17	Cassio	Doris	Hepatocyte polarity and extracellular matrix-cell contacts
18	Chanut-Delalande	Hélène	Control of apical cell shape remodelling: involvement of ZP proteins during epidermal cell morphogenesis
19	Coureuil	Mathieu	Neisseria meningitidis, the causative agent of cerebrospinal meningitis, recruit the Par3/Par6/PKCzeta polarity complex to open the junctions between brain endothelial cells
20	Courtoy	Pierre	The transcription factor ZONAB is a master switch between proliferation and apical differentiation in kidney proximal tubular cells (PTC)
21	Cuartero Verges	Yasmina Marcel	Role of retromer in traffic of the β-site amyloid precursor protein (APP) cleaving enzyme (BACE) and β-APP
22	David	Guido	Decoding heparan sulfate: what works on what, and where?
23	Delacour	Delphine	Galectin-3, a novel centrosome-associated protein, required for epithelial morphogenesis
24	Delgado-Pérez	Luis	CHARACTERIZATION OF SNARE PROTEINS IN HUMAN NK CELLS
25	Dhonukshe	Pankaj	Generation of cell polarity in plants links endocytosis, auxin distribution and cell fate decisions
26	Díaz-Bello	Beatriz	Polarized targeting of a G-protein activated potassium channel by a dileucine motif
27	Ellenbroek	Saskia	Crosstalk between polarity proteins in cell polarization
28	Elstak	Edo	Function of the rab27a Munc13-4 interaction in Hematopoietic cells

29	Fletcher	Georgina	Genome-wide in vivo RNAi screen of conserved genes in Drosophila for regulators of epithelial cell polarity and tissue architecture
30	Fürthauer	Maximilian	SARA endosomes ensure the directional transport of Delta/Notch during asymmetric cell division
31	Galli	Matilde	Coupling the division plane to cell polarity: phosphorylation of the NuMA-like protein LIN-5 in response to polarity signals
32	Gassama-Diagne	Ama	Title: The SH2-Domain Containing Inositol 5 Phosphatase 2 (SHIP2) is a Basolateral Determinant of Cell Polarity
33	Georgieva	Julia	Directed targeting into transcytotic pathways by surface modification of nanoparticles
34	Goehring	Nathan	An advection-triggered, self-organizing process for establishing PAR polarity domains in C. elegans
35	González	Alfonso	Apical sorting of Sonic Hedgehog in polarized MDCK cells: An indirect cholesterol-dependent pathway
36	Gueroui	Zoher	How physical and geometrical constraints influence the organization of the microtubule cytoskeleton
37	Hanson	Kirsten	Contributions of hepatocyte polarity to a liver stage malaria infection
38	Hivroz	Claire	Cdc42-dependent remodeling of the cytoskeleton at the immune synapse is required for interferon-gamma secretion
39	Holt	Matthew	The Synaptic Vesicle as a Prototypic Trafficking Organelle
40	Iden	Sandra	Crosstalk between polarity proteins in cell polarization
41	Jantti	Jussi	Mso1p, a novel phosphoinositide-binding protein interacts at sites of polarized exocytosis with the amino-terminal domain of Sec1p
42	Jensen	Devon	The Specificity of COPII Cargo Selection in the ER Export of Vangl2 for Neural Tube Development
43	Jiang	Di	Tube formation by complex cellular processes in Ciona intestinalis notochord
44	Kelly	Eoin	Class I Rab11-FIPs are effector targets for the Rab14 GTPase
45	Kim	Yung Hae	Asymmetric cell division during pancreas development
46	Kovacs	Eva	Coordinated regulation of apical junctional complexes
47	Kühnle	Jens	A dynamic model for the morphogenesis of the Golgi apparatus
48	Lakkaraju	Asvin	Characterizing the cellular role of Anthrax toxin receptors
49	Learte	Anabel R.	Role of the apical Par-aPKC complex in the imaginal disc
50	Lennon-Dumenil	Ana-Maria	CDC42-dependent MTOC polarization is required Antigen Trafficking and Presentation in B lymphocytes
51	Lima	Wania	The transcription factor ZONAB is a master switch between proliferation and apical differentiation in kidney proximal tubular cells (PTC)
52	López-Guerrero	José Antonio	Characterization of the MAL2 positive compartment in oligodendrocytes
53	Luton	Frédéric	Regulation of the assembly of the tight junction by the ubiquitin-proteasome system
54	Madrid	Ricardo	Regulation of lumen formation and transcytotic transport by a novel member of the formin family in hepatoma HepG2 cells

	Surname	First Name	Poster Title **MONDAY 25th May**
1	Martinez-Morales	Juan R.	Ojoplano-mediated basal constriction is essential for optic cup morphogenesis
2	Massey-Harroche	Dominique	Crumbs 3A polarity complex: new partners involved in polarized cell migration
3	Mckinnon	Caroline	RhoGTPase RhoBTB2 and the regulation of cell polarity in breast cancer
4	Mirouse	Vincent	Identification of a low energy epithelial polarity pathway
5	Montoya	Maria	RAB8-MEDIATED RHO GTPase ACTIVITY AND FOCAL ADHESION TURNOVER REGULATES DIRECTIONAL CELL MIGRATION
6	Moser	Jakob Maximilian	Motor neuron degeneration in wobbler mice and embryonic lethality in Vps54 knock out indicates the importance of functional retrograde vesicle transport
7	Nakashima	Kenichi	Unconventional Trafficking and Subsequent Behavior of the Polar Landmarks Bud8p and Bud9p in Yeast
8	Nethe	Micha	Caveolin-1 recruitment mediates Rac1 degradation
9	Neto	Helia	Membrane trafficking in cytokinesis: a role for the exocyst
10	Neukomm	Lukas	The RhoGAP SRGP-1 antagonizes apoptotic cell corpse engulfment through CED-10/Rac1 in *C. elegans*
11	Niessing	Dierk	Characterization of the Myo4p-cargo complex from yeast - implications for mRNA and ER transport
12	Paladino	Simona	Different GPI-attachment signals modulate GPI-anchored protein oligomerization and apical sorting
13	Paolini	Lucia	In vivo phosphorylation of Epsilon adaptin occurs at different sites
14	Park	Hay-Oak	Polarization of the Cdc42 GTPase mediated by its effectors and its upstream GTPase
15	Plattner	Helmut	Structural and functional polarity of a single celled organism, Paramecium tetraurelia
16	Prekeris	Rytis	Rip11/FIP5 and Rab11 Binding to Sorting Nexin 18 Regulates Apical Endocytic Protein Transport in Polarized Epithelial cells
17	Proux-Gillardeaux	Veronique	Role of the v-SNARE Cellubrevin/VAMP3 in epithelial polarity
18	Pulecio	Julian	Polarization of dendritic cells at the immunological synapse facilitate local delivery of T cell priming cytokines
19	Raffaniello	Robert	Hsp90 co-localizes with rab-GDI-1 and regulates agonist-induced amylase release in AR42J cells
20	Reales Rodríguez	Elena	Basolateral sorting of Syntaxin-4 in polarized cells: effect of m1B
21	Reider	Amanda	A conserved family of endocytic adaptors that coordinate cargo selection and vesicle formation
22	Ricotta	Doris	In vivo phosphorylation of Epsilon adaptin occurs at different sites
23	Rodriguez Fraticelli	Alejo Ezequiel	Molecular Characterization of the Cdc42-mediated Pathway for Lumen Formation in Epithelial Morphogenesis

24	Rosen	Kirill	Down-regulation of Death-Associated Protein Kinase-2 is required for beta-catenin-induced anoikis resistance of malignant epithelial cells
25	Rothnie	Alice	Kinetic characterization of clathrin cage disassembly by the molecular chaperone Hsc70 and its partner auxilin
26	Rousso	Tal	A minimalistic EGFR ligand trafficking and processing machinery in the flour beetle
27	Sandrock	Björn	Closing the GAP of molecular switches – a question of specificity
28	Schink	Kay Oliver	Regulation of cytokinesis by the Rho guanine nucleotide exchange factor Don1 in Ustilago maydis
29	Schlager	Max A.	Bicaudal-D Like Protein Madmax1 Organizes Dynein-dependent Secretory Transport And Neural Development
30	Shahab	Jaffer	SPARC is required for Notch signaling during the development of Drosophila Melanogaster
31	Shivas	Jessica	Anterior embryonic polarity is maintained by dynamin
32	Shoshani	Liora	Na+,K+-ATPase POLARITY; the role of the beta-subunit
33	Smith	Corinne	Kinetic characterization of clathrin cage disassembly by the molecular chaperone Hsc70 and its partner auxilin
34	Sobo	Komla	Understanding enterovirus interactions with human polarized epithelial cells and the subsequent cellular processes
35	Sotillos	Sol	Dissection of Drosophila STAT to find new functional domains related to its polarized signalling
36	Stinchcombe	Jane	Centriole-Mediated, Minus End-Directed Transport of Lytic Granules to Secretory Sites during Target Cell Killing by Cytotoxic T-lymphocytes
37	Stuermer	Claudia A.o.	Reggie-1 and reggie-2 (flotillins) regulate axon growth and regeneration
38	Taverna	Elena	Repositioning of the centrosome and Golgi complex during the transition from apical to basal progenitors in mouse embryonic neocortex
39	Thompson	Barry	Sds22, a PP1 phosphatase regulatory subunit, regulates epithelial cell polarity and shape
40	Thuenauer	Roland	TIRF microscopy for studying apical membrane trafficking
41	Thyagarajan	Kalyani	Clathrin Modulates Membrane Localization of the Heterotrimeric G Protein Subunits Gβγ and Spindle Positioning in C. elegans Embryos
42	Townley	Anna Katherine	Efficient coupling of Sec23/24 to Sec13/31 is required for collagen secretion and expansion of the lumen in Caco-2 cell cysts
43	van Ijzendoorn	Sven	Apical recycling endosome-associated myosin Vb is mutated in microvillus inclusion disease and is involved in intestinal brush border development
44	Vesque-Kihtoo	Christine	Function of ciliary gene RPGRIP1L/Ftm during zebrafish development
45	Vorbrüggen	Gerd	Characterization of Drosophila Syndecan
46	Watanabe	Reika	Different requirements for incorporation of GPI-anchored proteins into ER-derived vesicles in yeast and mammalian cells
47	Weidner	Julie	Defects in the secretory pathway induce supernumerary P-body formation at the ER through elevated intracellular Ca2+ levels

48	Winter	Julia Franziska	Genome-wide RNAi screen in C.elegans intestine reveals PAR-5 to maintain apical recycling endosome positioning and apico-basal polarity of epithelial cells
49	Zarsky	Viktor	Exocyst complex in plants
50	Zeigerer	Anja	Development of primary mouse hepatocytes as a model system to study polarized endocytic trafficking
51	Zhao	Pan	Study on the Role of Nap1 in Candida albicans Morphogenesis
52	Zimmermann	Pascale	The PDZ protein syntenin controls a molecular network implicated in yolk syncytial layer migration during zebrafish gastrulation
53	Zlobina	Maria	Asymmetry of microtubules remodeling during EGF endocytosis in HeLa cells