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Augmin [DRL$^+$19, SKZ$^+$18b]. **Aurora** [ASZ$^+$18, AFT$^+$19, BHS$^+$19, BCS$^+$17, BCMM$^+$19, DMB$^+$18, EJK$^+$16, HLEM$^+$18, IGK$^+$16, MSK$^+$18, PTMP$^+$15, RGM$^+$16, RSG$^+$15, Sed15f, TWD$^+$17, Woo18]. **autoimmunity** [dVGO$^+$16]. **Autoinhibition** [KYN$^+$18, QZX19]. **autointegration** [HSK$^+$19]. **Automated** [BFPD19]. **autonomous** [CHH$^+$15]. **autonomously** [WYHG17]. **Autophagic** [TGK$^+$19, LTB$^+$17]. **Autophagosomal** [MJN$^+$18, BPL$^+$18, SKN19]. **Autophagosome** [ZZ19, BPL$^+$18, GRU18, HM19, JJB$^+$19, Kti19, MSV$^+$19, MHI$^+$18, NPU$^+$16, VYB$^+$19, WTC$^+$19, iYJF$^+$16, ZWZ$^+$19]. **autophagosomes** [CZL$^+$15, KJF$^+$18, NNH17, Sho15f, Sho16s]. **Autophagy** [GLL$^+$18a, MTGG18, VV17b, WYHG17, CD18, CYH$^+$16, GSCIL$^+$15, GTD$^+$18, HSZ$^+$18, KSG$^+$16, KJC$^+$15, KH19, LLAC18a, LLAC18b, Mar16a, MLJ$^+$16, MOS$^+$18, NCV$^+$16, PPK$^+$16, SSRG18, SE19, Sho15x, SD16b, TCP$^+$15, TCZ$^+$16, VTG$^+$16, VMP16, WTSA17, WCY$^+$16a, WCY$^+$16b, gXNG$^+$15, gXNG$^+$16, ZQZ19, ZZ16, ZZW$^+$19]. **autophagy-deficient** [WCY$^+$16a, WCY$^+$16b]. **autophagy-dependent** [KSG$^+$16]. **autophagy-related** [CD18]. **Auwerx** [Inf18c]. **availability** [AB18, CCBC19, PKKB17]. **available** [Ava18]. **avenues** [MG18]. **avidity** [GPD$^+$19]. **avoid** [ML15b, RM16, Sho16z]. **avoiding** [JW19]. **award** [Sho16a]. **away** [Bra16, Rab17, VHB18]. **axis** [EPF16, GWZ$^+$19b, iHMM$^+$17, LDU$^+$16, MBS$^+$18, PTR$^+$19]. **Axon** [BBW16, AWS$^+$16, AGB$^+$19, DKM$^+$15, FFG$^+$18, FSF$^+$15, GKGK16, HR16, IYP$^+$18, KKC$^+$19, KBT$^+$15, LZH$^+$18, MvVV$^+$16, MSS$^+$17, PC17, SEMP15, XTT$^+$18, ZAT$^+$19, ZYL$^+$16, vBMG$^+$15]. **Axonal** [CZL$^+$15, Sho15f, BBW16, CDT$^+$19, GHD$^+$17, GWF17, NNH17, NWD$^+$19, OFP$^+$19, Roy16, Sed15r, VXF$^+$15, WFOA15, WTSA17, WRH$^+$16, YKO$^+$16, ZZW$^+$19]. **axoneme** [SSPD15, VPD$^+$16, ZHP$^+$19]. **axons** [GTW$^+$15, Sho15a].

B [FKO$^+$18, Sho15g, ST17, ASZ$^+$18, AFT$^+$19, BHS$^+$19, EJK$^+$16, HHCK19, HHH$^+$19, Hu15, JGCAC$^+$15, LAMACE$^+$17, Les15o, MCS$^+$15, MCGC$^+$15, OSK$^+$15, PLD17, RGM$^+$16, RSG$^+$15, SDI$^+$19, Sed15f, TCP$^+$18, TWD$^+$17, WXC$^+$18, ZLG$^+$15, dVGO$^+$16]. **B-dependent** [LAMACE$^+$17]. **B1** [BHS$^+$16, LTC$^+$18, SHC$^+$18, dVGO$^+$16]. **B2** [LTC$^+$18]. **B3** [KBKW19, LWZ$^+$19]. **B55** [MBG$^+$18b, CHB$^+$16]. **B56** [HBM$^+$19]. **BACE1** [LDR$^+$19]. **Back** [TL17, XS16, CV19, Jor16g, JGCAC$^+$15, Sho15x]. **Back-to-back** [XS16]. **bacteria** [BLL15, CSM17]. **bacterial** [BHDK17, ISK$^+$15, TLMG$^+$15, VQ17, ZWB$^+$19]. **Badovinac** [Pow15j]. **BAF** [KL19]. **BAG3** [ALY$^+$17]. **BAIAP3** [Sør17, ZJM$^+$17]. **BAK** [CLV17, iHMM$^+$17]. **balance** [DCB$^+$15, EMRS$^+$18, Mes16, Sed15t, Sho16l, SAO$^+$17]. **Balanced** [Les15b]. **balances** [MTGG18]. **Balancing** [Wil15, MVJ$^+$19, TF19]. **Balla** [O'D18e]. **ballet** [Hen19]. **bang** [FLG$^+$18, TNK18, Jan18]. **Bao** [O'D18a]. **Bao-Liang** [O'D18a]. **BAR** [KJON$^+$17, SE19, SZK$^+$19, UMC$^+$15, UMC$^+$17, WYV$^+$19, WMB$^+$15].

GGL+19, HKH16, HAK+15, HQW15, HPW+17, HKT+17, HDA+17, HAR+15, JH19, JPF+16, KCB+16, KKP+17, KSM+18, KQM+19, LSPC16, LLC+17, LTS17, LDG+15, MRGWB+16, MpDN+17, MDC+16, NHG+18, NGX+19, OTG+18, OSK+15, PLS+15, PSC+15, PAM+16, PST18, PMG+17, PKKB17, QJP+17, RHPH+18, RBM+19, RSvW+15, SDI+19, SHW+17, SVD+15, SSH+15, SEMP15, SCK+19, SCK+23, SiYM+18, SKZ+18a, SDP+15a, SDP+15b, SYK+17, TCD+15, WYHG17, WZR19, WQD+18, WV18b, ZJM+17, ZDSM+18]. **convene** [Kon17]. **convention** [Sle16]. **converge** [HMC+16, RM16]. **conversion** [CW17, LJS+16a, LJS+16b]. **converts** [RYS+15, WWY+18]. **cooperate** [BCS+17, DAG+15, SNOBM16, Sho16y]. **cooperates** [GWZ+19a, LLS+18, RAS+19, SES+19]. **cooperating** [WRV15]. **cooperation** [Mar17]. **cooperatively** [TAQ+19]. **coordinate** [CAKL16, CWZ+15, IB19a, IB19b, PUTM15]. **Coordinated** [EVR+19, LZC+15, HTK+16, LCD+17]. **coordinately** [HBWY18, MKS17, ONT+19, PPK+16]. **coordinates** [BCM+18, GBRH15, LLW+17, MF18, MKD+18, NiYT+16, RMMS+17, SJJ+19, YSM+17]. **Coordinating** [Jor16c]. **coordination** [CZP16, MCGM15a, MCGM15b]. **cop** [Sho16-27]. **COPII** [Far16, Gli17, GYK+17, RBP+17, SKN19]. **COPII-coated** [GYK+17]. **COPII-dependent** [Far16]. **cord** [CBAP+17]. **core** [NNH17, PTK16, ZJM+17]. **Coronin** [BRY+19, HBDW+15]. **corrals** [LTG+18]. **correct** [DLM+15, IKRMN16]. **Correction** [BP19a, CSF+18, DMH+15, DCO+16, DKR+19a, FLN+16, FLG+19, FCB+19, FKL+18a, GKK16a, GHS16a, IB19b, KT15a, KMK+17a, KM18a, KPA+20, KMLG+16, KBB+16, KOV+16a, KST+17a, LLAC18b, LJS+16a, MS19a, MSW+17, MWSM19, QSZ+17a, RLS18a, SG18a, SCK+23, SBC+16a, TSK+19, VBJ+18a, WCY+16a, gXNG+16, XRH+18a, HBM+19]. **Correlative** [XRH+18b, XRH+18a]. **Cortactin** [GM16, SHH+16, HQW15, KBT+15]. **cortex** [MSK+18, YKKB17]. **Cortical** [CMA19, JDZ+16, AOL+18, CMMB+15, CSA19, DOH+17, GM18, JH19, KL17, LM15, LSMG18, NLS+18, NDRJ15, OKN+16, Sho15-33, YVlMS18]. **cotranslational** [WYoS17]. **count** [KD19, PCM16]. **counteracting** [BCMM+19, PMHB17]. **couple** [VGA+15]. **coupled** [BSP16, FdSR+17, IdSCB+16, PhHS+16]. **couples** [ATH+19, CHI+15, KT15a, KT15b, TZC+15]. **Coupling** [ASPY+16, AB18, DV16, FSB+15, LHB+18, POE+16, SBP+16, YKO+16, YBZ+18, Cas17a]. **course** [Les15o]. **coverage** [Les16a]. **covered** [KL19]. **CP110** [PM15]. **CRACker** [SD19]. **CRACR2a** [WHS+19]. **cranial** [HB18]. **created** [LNS+19]. **creates** [HAPC+19, OKN+16]. **creation** [LNS+19]. **crest** [HB18, MBS+17, SXT16, SMN+16]. **CRHR1** [IdSCB+16]. **crime** [CB16]. **crinophagy** [CLH+18, Sho18b]. **CRIPTO** [LFT+16]. **crisis** [BHS18]. **CRISP1** [EMB+15]. **CRISPR** [LYO15, MTN+16, MHI+18, Sho16-35]. **CRISPR-Cas9** [MTN+16]. **CRISPRi** [BPH+19]. **cristae** [OMKM16, Sho16p, TBJ+17]. **critical** [CWL+17, DB15a, LLW+15, LNH+15,

KT15b, KSG^{+}16, LAMACE^{+}17, LRH^{+}15, LOG15, LMR^{+}17, LSPC16, LKM^{+}15b, LGH^{+}18, LDP^{+}15, MTC^{+}19, MPH^{+}15, MCGM15a, MCGM15b, MLMF16, MF18, MCGC^{+}15, MDC^{+}16, NIS^{+}16, OMK^{+}17, OMKM16, OLL^{+}17, QYC^{+}17, SPD^{+}17, SRF19, SSL^{+}17, SSH^{+}15, SDHC17, Sør17, SJL^{+}19, TBK^{+}16, WFOA15, WZG^{+}17, WW16, WF15, YEM^{+}19, YTL15, YDM^{+}18, YSR^{+}18, ZAT^{+}19, ZWZ^{+}19, ZCL^{+}15]. **depends** [CMB^{+}18, JNS^{+}19, RSC^{+}19]. **DepHining** [Ham18]. **dephosphorylation** [CHB^{+}16, LHT^{+}19, PS16]. **depletion** [BRY^{+}19, CCS^{+}19, GLSS^{+}15b, GLSS^{+}15a, HDA^{+}17, MLJ^{+}16, PTMP^{+}15]. **depolymerase** [BRH^{+}16]. **depolymerization** [ARV^{+}18]. **depolymerizing** [VGA^{+}15]. **deposition** [KS17, LSPC16]. **deprived** [HSK^{+}16]. **derived** [AKTR18, ASPY^{+}16, DMC^{+}16, Juh16, SCL^{+}16]. **Designing** [JW19]. **desmin** [ARV^{+}18]. **Desmoplakin** [KDM^{+}18, AZS^{+}15, Les15f]. **desmosomes** [Sho16h]. **destined** [MRK^{+}18]. **destruction** [NOS^{+}15]. **Detaching** [Lac19]. **detachment** [ACRM17]. **detect** [DRMW17]. **detected** [XTT^{+}18]. **determinants** [EBMW^{+}18, UKHK15, VRK^{+}17, VRM^{+}19]. **determination** [LLS^{+}18]. **determine** [YEM^{+}19]. **determined** [BYUJ17, OCS15]. **determines** [CHL^{+}19, CGBD^{+}17, HPB19, JOJG16, MWW^{+}16, PhHS^{+}16, RGOS^{+}16, SRI^{+}19, WXC^{+}18, WCY^{+}16a, WCY^{+}16b]. **Determining** [PS16]. **Detyrosinated** [MSV^{+}19]. **detyrosination** [YCSJ^{+}17]. **Deubiquitinating** [RDH^{+}19, YLW^{+}15]. **Deursen** [Pow15d]. **developing** [CIS^{+}17, DGS^{+}18, MRO^{+}15, MLR^{+}16, SCL^{+}16]. **development** [DSH^{+}18, GJFR16, GFH^{+}16, GGL^{+}19, HGC^{+}19, HKG^{+}18, HCN^{+}15, KVK^{+}17, LLS^{+}16, LMR^{+}17, LXJ^{+}17, OWW^{+}19, PA19, PSC^{+}15, RGR^{+}18, SM16, Sho15-50, SCK^{+}19, SCK^{+}23, SCP^{+}15, SLG^{+}18, THG19, TS15a, ZWW^{+}19, dVGO^{+}16, vS15]. **development-specific** [GFH^{+}16]. **Developmental** [SJJ^{+}19, DD18, DSSF^{+}15, ITN^{+}17, She15]. **Developmentally** [LHY^{+}19, CLH^{+}18]. **devices** [EWL16]. **DGCR8** [CSYB^{+}17]. **Dia1** [FBPN^{+}18]. **Dia1-dependent** [FBPN^{+}18]. **diabetes** [PW19]. **diabetic** [CIK^{+}17, ZPT^{+}15]. **diacidic** [CGBD^{+}17]. **Dialogue** [CANG^{+}17]. **Diaphanous** [LM16]. **diaphragms** [CRPSC^{+}19]. **DICER** [CR18, BSP^{+}17]. **DICER-** [CR18]. **Dickkopf** [DMC^{+}16]. **Dickkopf-related** [DMC^{+}16]. **dictate** [JCK^{+}19]. **dictated** [SFA^{+}19]. **dictates** [GB18, Sho15n]. **differ** [RCS^{+}19]. **differences** [HGL^{+}17, LS18]. **Different** [IdSCB^{+}16, DTW^{+}16, HCS^{+}18, LDM17, PKC^{+}16, RGMM18]. **Differential** [CM18, MSS^{+}17, AB18, BLG^{+}15, GAS^{+}18, OKN^{+}16]. **differentially** [GLL^{+}18b, HGC^{+}19, KLHC^{+}18, NLBA^{+}15, ZPT^{+}15]. **differentiation** [BSK^{+}19, BMP^{+}18, BMS^{+}17, CWL^{+}17, CSG^{+}15, CEM^{+}15, CRK^{+}17, DSC^{+}18, DAG^{+}15, EPF16, GCH15, GCC^{+}18, GWZ^{+}19b, MSL16, OBY^{+}15, PAM^{+}16, RSCR15, Sed15e, Sho16c, SQB^{+}15, UGHB^{+}16, WYHG17, YGW^{+}17, ZGDS^{+}16, dlFEvW^{+}15]. **diffuses** [RZS^{+}15]. **Diffusion** [UKHK15, TRM^{+}16, TG15]. **digested** [Les16c]. **Digging** [TG17]. **dimensions** [SB17]. **dimer** [WMH^{+}18]. **Dimerization** [Sho15n, WBL^{+}15]. **dimers** [MB17a]. **dine** [TS15b]. **DIP** [NWD^{+}19]. **DIP-2** [NWD^{+}19].

enemy [DR19]. **energetic** [HSK^{+}16]. **energetics** [Sch19]. **Energy** [LS18, CRK^{+}17, DN17, WHL17, ZYL^{+}16]. **enforces** [BDW19]. **engage** [Pas19, Sho15-52]. **engagement** [KCB^{+}16, SAK^{+}18]. **Engineered** [RFG19, FTDC17]. **engulf** [TMFR^{+}19]. **engulfment** [Log17, WV18a]. **enhance** [CLO^{+}19, TMFR^{+}19]. **enhances** [BHB^{+}18, GM16, HGG^{+}17, TCP^{+}15, YKKB17]. **enhancing** [ZYL^{+}16]. **enriched** [BKR^{+}19]. **Enrichment** [BHS^{+}19, LMR^{+}17]. **ENSA** [HGC^{+}19]. **Ensconsin** [RAS^{+}19]. **ensure** [IKRMN16, RGM^{+}16]. **ensures** [ABPS17, BG19, CYL^{+}18, FMS^{+}19, MDOS19, MGA19, SOP^{+}16, SCL^{+}19, ZAT^{+}17]. **entangled** [MGSO^{+}18]. **enter** [HHT^{+}16, SS16]. **enterocyte** [BDZ^{+}15]. **enterocytes** [EKP^{+}19]. **enters** [Sho15-63]. **entorhinal** [AMS^{+}17]. **entorhinal-hippocampal** [AMS^{+}17]. **entotic** [HHBG17]. **entrance** [CANG^{+}17]. **entry** [CCQ^{+}18, JHF^{+}15, LL19, MHG^{+}19, SBP^{+}16, TNP^{+}15, WWT18]. **Enucleated** [GAS^{+}18]. **envelope** [CGY^{+}19, DWH^{+}17b, HH16, KL19, LW16a, MBG^{+}18b, SPWM15, SER^{+}15, SKG^{+}16, ZWB^{+}19, GCH15]. **envelope/ER** [GCH15]. **environment** [Sho16-27]. **enzyme** [Les15-27, RDH^{+}19, WDW^{+}17, YLW^{+}15]. **enzymes** [MB15, MRM18, OSK^{+}15]. **Eph** [JPF^{+}16, FC19, GKGK16, OKN^{+}16, Pas16, Pas19, GGL^{+}19]. **Eph-mediated** [JPF^{+}16]. **Eph/** [GGL^{+}19]. **Eph/ephrin** [OKN^{+}16]. **EphA2** [CB16, NBG^{+}16]. **EphB** [PLD^{+}15]. **EphB2** [GKK16a, GKK16b]. **ephrin** [GKK16a, GKK16b, Sho15o, SCP^{+}15, GKGK16, GGL^{+}19, OKN^{+}16]. **Ephrin-A3** [Sho15o, SCP^{+}15]. **ephrins** [Pas16, Pas19]. **epic** [ZZ19]. **epidermal** [CE16, CRA^{+}19, EPF16, KBB^{+}15, KBB^{+}16, MOJ16, NTT^{+}15]. **epidermis** [LLC^{+}17, ZAAN17]. **epigenetic** [IZBH^{+}17, OBS^{+}17, UBBSM15, VWM^{+}18]. **Epigenetics** [YVlMS18]. **Epithelia** [Les16c, KZW^{+}18, SLW^{+}18, SBS^{+}18, Sho17e]. **Epithelial** [AMT^{+}15, AUTM16, AHA^{+}19, BPH^{+}18, BRACA^{+}16, CYL^{+}18, CTI^{+}19, ECAB^{+}16, FBPN^{+}18, FKL^{+}18a, FKL^{+}18b, GSP^{+}18, GPAA^{+}18, GPPJ^{+}18, HKK^{+}19, IM16, KT15a, KT15b, KNL^{+}17, MLR^{+}16, MXV^{+}16, MF16b, NiYT^{+}16, NIS^{+}16, ONT^{+}19, Ott16, RBZ18, RMS^{+}18, SXT16, Sho18d, SSE18, SHO^{+}15-74, TZC^{+}15, UGHB^{+}16, VWM^{+}18, VKJ^{+}15, YGW^{+}17]. **epithelial-to-mesenchymal** [SXT16]. **epithelial/mesenchymal** [VWM^{+}18]. **epithelium** [GBRH15, KHS^{+}16, MLR^{+}16, PMRMS17, RSCR15]. **epitranscriptomics** [YVlMS18]. **Epo1p** [NDRJ15]. **EPS8** [GDB^{+}15]. **equatorial** [ZCH^{+}18]. **ER-localized** [MST^{+}15]. **ER-mitochondria** [SK18b]. **ER-mitochondrial** [LPWK15]. **ER-resident** [CRN^{+}19]. **ER-to-Golgi** [MSCS19]. **ERAD** [HESKK15a, HESKK15b, NOS^{+}15]. **Erasing** [Pri17]. **Erbin** [LWH^{+}18, XWZ^{+}15, CTI^{+}19]. **erects** [Sho15-40]. **Erika** [O'D18c]. **Erin** [O'D17b]. **ERK** [THA^{+}16, TAQ^{+}19]. **ERMES** [KTK^{+}18]. **ERO1** [KML^{+}15]. **ERO1-independent** [KML^{+}15]. **error** [HBM^{+}19]. **errors** [DRMW17, TSFP^{+}15]. **Erv41** [Les15g, SMC^{+}15]. **Erv46** [Les15g, SMC^{+}15].

LEM17, cLNF$^+$16, LNS$^+$19, LHB$^+$18, MNLB16, MG16, NLS$^+$18, OG16, OLT$^+$19, Ric18, RO18, RVS$^+$19, SXE$^+$19, SID$^+$18, Sle16, TKM16, TWD$^+$17, UFT$^+$15, WKM$^+$15, Wor19, WB18, YTTH$^+$17, YWdH$^+$17, YCSJ$^+$17, YVM18, YIT15, ZYA$^+$17, vdVFM$^+$17, BP19a, Sed16a]. **microtubule-** [ANM$^+$19, OLT$^+$19]. **microtubule-associated** [LEM17]. **microtubule-based** [KDR$^+$19]. **microtubule-dependent** [DLBMA$^+$15]. **microtubule-induced** [JBE$^+$17]. **Microtubule-organizing** [Sed16a]. **microtubule-proximal** [DUL$^+$19]. **Microtubule-severing** [MRM18]. **Microtubules** [KTM19, MOM$^+$18, SRT$^+$18, BNS$^+$17, BCM$^+$18, DRL$^+$19, FKG$^+$19, HGL$^+$17, IG15, KEV$^+$17, KD19, LVG$^+$18, MSV$^+$19, QYC$^+$17, RFO$^+$16, SMK$^+$18, SKZ$^+$18b, VGY$^+$17, Ver18, VGA$^+$15, WWTF17]. **microvilli** [LMdM$^+$16]. **Mid1** [VMP16]. **MiD49** [OMKM16]. **MiD49/51** [OMKM16]. **Midbody** [Ott16, BRACA$^+$16, PP19]. **midzone** [IBFDB18, LDG$^+$15, PCF$^+$19]. **Mierzwa** [Inf18a]. **migrating** [Haw18, IBG$^+$15, MB17a, WKM$^+$15]. **migration** [BDAW15, BNS$^+$17, BBMM$^+$16, Bro16, BJL$^+$18, CAKL16, Cas16b, CLL$^+$16, DATI18, DPGS$^+$18, EAW$^+$17, FDR$^+$16, GGC$^+$17, GDV19, GAS$^+$18, GTMZ$^+$15, HKH16, JBE$^+$17, Kaw17, Kay16, KMJ$^+$18, LRM$^+$19, LR18, LL17, MBS$^+$17, MPMP16, NW19, NYW$^+$17, PVP$^+$19, PHKY17, PSL$^+$17, PBL$^+$16, PPR$^+$19, RSC$^+$19, SM16, SBC$^+$16a, SBC$^+$16b, SYK$^+$17, SW18, SMN$^+$16, TG17, WCL$^+$18, XPZ$^+$19, YEM$^+$19, ZTR$^+$17]. **migratory** [JhZbYmP15, JGCAC$^+$15]. **Miller** [O'D17a]. **mimics** [SKL$^+$18]. **mind** [Sho16f]. **miniature** [MTC17]. **minimal** [DS16a, FTDC17]. **minimalist** [Pow15i]. **minimally** [LSMZ$^+$18]. **minus** [Bro19, FTS$^+$19, IG15, NLS$^+$18, SMF$^+$15, SFA$^+$19, Wor19, YTTH$^+$17, YWdH$^+$17, YIT15]. **minus-end** [SFA$^+$19]. **Mio** [PTMP$^+$15]. **miR** [HZH$^+$15, LCM$^+$16, Sho15-34]. **miR-203** [LCM$^+$16]. **miR-501-3p** [HZH$^+$15]. **miR-7** [Sho15-34]. **MIR335** [OBS$^+$17]. **miRNA** [KDA$^+$18]. **Miro1** [OOT$^+$18, KKC$^+$19, Van19]. **Misdirection** [Sho15-35]. **misfolded** [BA18, GUM$^+$18, NOS$^+$15]. **misfolding** [BBK16, DS16a, NPC17]. **mishap** [ML15b]. **Mismatch** [Sho15-36]. **mist** [Hyr15]. **mistargeted** [SZE19]. **MiT/** [NWFY15]. **mito** [MPA$^+$16]. **Mitochondria** [KL17, KBJ16, Sed15s, Sho17g, AFO$^+$16, BLG$^+$15, BJB$^+$18, BCH$^+$17, CMA19, DNMB16, FKW$^+$17, KMRD$^+$16, Les15b, MWT$^+$16, PHA$^+$17, PKC$^+$16, PSCS16, RXEB$^+$19, Sho15l, Sho17a, SK18b, WLJ16, ZZW$^+$19, MST$^+$15, PHA$^+$17, RGOS$^+$16, SJL$^+$19]. **mitochondria-associated** [WLJ16]. **Mitochondria-driven** [KL17]. **Mitochondrial** [BPW$^+$17, FR16, HGM$^+$19, JBMM16, Mes16, Mok16, Sho16p, TTU$^+$17, WLJ18, iYJF$^+$16, BHB$^+$18, BJB$^+$18, CJS$^+$18, CRC$^+$15, CCS$^+$19, CRS$^+$17, DWB$^+$17, GHKW$^+$19, HPE$^+$19, JLB$^+$18, Juh16, KKC$^+$19, KBB$^+$17, KBB$^+$15, KBB$^+$16, Lac19, LPWK15, LH19, LgYL$^+$18, LXR$^+$15, LTRW15, MRWM18, MLMF16, MPA$^+$16, MC16, MMB$^+$15, NS18, OI18a, OOT$^+$18, OMKM16, Pow15a, QYY$^+$16, Qi17, QPZ$^+$17, RPMC$^+$16, RLM$^+$15, SJJ$^+$19, SPMM$^+$17, SSL$^+$17, SG18a, SG18b, SK18b, VMP16, VKT$^+$15, WYV$^+$19, WEQ$^+$15, YKO$^+$16, ZYL$^+$16, ZWW$^+$19, ZGDS$^+$16].

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[BBW16] Bogdan Beirowski, Elisabetta Babetto, and Lawrence Wrabetz. Axon degeneration: Linking axonal bioenergetics to myelin. *Journal of Cell Biology*, 215(4):437–??, November 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/4/437.

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[BC19] Thomas E. Bass and David Cortez. Quantitative phosphoproteomics reveals mitotic function of the ATR activator ETAA1. *Journal of Cell Biology*, 218(4):1235–??, April 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/4/1235.

Bykov:2019:HTU

[BCG+19] Yury S. Bykov, Nir Cohen, Natalia Gabrielli, Hetty Manenschijn, Sonja Welsch, Petr Chlanda, Wanda Kukulski, Kiran R. Patil, Maya Schuldiner, and John A. G. Briggs. High-throughput ultrastructure screening using electron microscopy and fluorescent barcoding. *Journal of Cell Biology*, 218(8):2797–??, August 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/8/2797.

Bockler:2017:FFT

[BCH+17] Stefan Böckler, Xenia Chelius, Nadine Hock, Till Klecker, Madita Wolter, Matthias Weiss, Ralf J. Braun, and Benedikt Westermann. Fusion, fission, and transport control asymmetric inheritance of mitochondria and protein aggregates. *Journal of Cell Biology*, 216(8):2481–??, August 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/8/2481.

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[BCM+18] Mariia Burdyniuk, Andrea Callegari, Masashi Mori, François Nédélec, and Péter Lénárt. F-actin nucleated on chromosomes coordinates their capture by microtubules in oocyte meiosis.

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[BCMG19] Alexandra Bondaz, Luca Cirillo, Patrick Meraldi, and Monica Gotta. Cell polarity-dependent centrosome separation in the *C. elegans* embryo. *Journal of Cell Biology*, 218(12):4112–4126, December 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL https://rupress.org/jcb/article/218/12/4112/132530/Cell-polarity-dependent-centrosome-separation-in.

Byrum:2019:MRT

[BCMM+19] Andrea K. Byrum, Denisse Carvajal-Maldonado, Miranda C. Mudge, David Valle-Garcia, Mona C. Majid, Romil Patel, Mathew E. Sowa, Steven P. Gygi, J. Wade Harper, Yang Shi, Alessandro Vindigni, and Nima Mosammaparast. Mitotic regulators TPX2 and Aurora A protect DNA forks during replication stress by counteracting 53BP1 function. *Journal of Cell Biology*, 218(2):422–??, February 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/2/422.

Bury:2017:PAC

[BCS+17] Leah Bury, Paula A. Coelho, Angela Simeone, Samantha Ferries, Claire E. Eyers, Patrick A. Eyers, Magdalena Zernicka-Goetz, and David M. Glover. Plk4 and Aurora A cooperate in the initiation of acentriolar spindle assembly in mammalian oocytes. *Journal of Cell Biology*, 216(11):3571–??, November 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/11/3571.

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[BDAW15] David J. Barry, Charlotte H. Durkin, Jasmine V. Abella, and Michael Way. Open source software for quantification of cell migration, protrusions, and fluorescence intensities. *Journal of Cell Biology*, 209(1):163–??, April 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/1/163.

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[BDK+18] Björn D. M. Bean, Samantha K. Dziurdzik, Kathleen L. Kolehmainen, Claire M. S. Fowler, Waldan K. Kwong, Leslie I. Grad, Michael Davey, Cayetana Schluter, and Elizabeth Conibear. Competitive organelle-specific adaptors recruit Vps13 to membrane contact sites. *Journal of Cell Biology*, 217(10):3593–??, October 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/10/3593`.

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[BDLB15] Marvin Bentley, Helena Decker, Julie Luisi, and Gary Banker. A novel assay reveals preferential binding between Rabs, kinesins, and specific endosomal subpopulations. *Journal of Cell Biology*, 208(3):273–??, February 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/208/3/273`.

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[BDW19] Jennifer L. Brace, Matthew D. Doerfler, and Eric L. Weiss. A cell separation checkpoint that enforces the proper order of late cytokinetic events. *Journal of Cell Biology*, 218(1):150–??, January 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/1/150`.

Bruurs:2015:AMS

[BDZ+15] Lucas J. M. Bruurs, Lisa Donker, Susan Zwakenberg, Fried J. Zwartkruis, Harry Begthel, A. S. Knisely, George Posthuma, Stan F. J. van de Graaf, Coen C. Paulusma, and Johannes L. Bos. ATP8B1-mediated spatial organization of Cdc42 signaling maintains singularity during enterocyte polarization. *Journal of Cell Biology*, 210(7):1055–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/210/7/1055`.

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[Bea16] Gerard M. J. Beaudoin. Mosaic cellular patterning in the nose: Adhesion molecules give their two scents. *Journal of Cell Biology*, 212(5):495–??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/5/495`.

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[Bev17] Brooke J. Bevis. Susan Lindquist: Visionary scientist and peerless mentor. *Journal of Cell Biology*, 216(1):5–??, January 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/1/5.

Bagonis:2019:APG

[BFPD19] Maria M. Bagonis, Ludovico Fusco, Olivier Pertz, and Gaudenz Danuser. Automated profiling of growth cone heterogeneity defines relations between morphology and motility. *Journal of Cell Biology*, 218(1):350–??, January 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/1/350.

Bertero:2019:CCD

[BFS+19] Alessandro Bertero, Paul A. Fields, Alec S. T. Smith, Andrea Leonard, Kevin Beussman, Nathan J. Sniadecki, Deok-Ho Kim, Hung-Fat Tse, Lil Pabon, Jay Shendure, William S. Noble, and Charles E. Murry. Chromatin compartment dynamics in a haploinsufficient model of cardiac laminopathy. *Journal of Cell Biology*, 218(9):2919–??, September 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/9/2919.

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[BG18] Dana Branzei and Michele Giannattasio. SIRFing the replication fork: Assessing protein interactions with nascent DNA. *Journal of Cell Biology*, 217(4):1177–??, April 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/4/1177.

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[BG19] Marina Alejandra González Besteiro and Vanesa Gottifredi. ETAA1 ensures proper chromosome segregation: a matter of S phase or mitosis? *Journal of Cell Biology*, 218(12):3883–3884, December 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL https://rupress.org/jcb/article/218/12/3883/132508/ETAA1-ensures-proper-chromosome-segregation-A.

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[BGH18] Georg O. M. Bobkov, Nick Gilbert, and Patrick Heun. Centromere transcription allows CENP–A to transit from chromatin association to stable incorporation. *Journal of Cell Biology*, 217(6):1957–??, June 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/6/1957`.

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[BGJ+16] Brian A. Bayless, Domenico F. Galati, Anthony D. Junker, Chelsea B. Backer, Jacek Gaertig, and Chad G. Pearson. Asymmetrically localized proteins stabilize basal bodies against ciliary beating forces. *Journal of Cell Biology*, 215(4):457–??, November 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/215/4/457`.

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[BGKL15] Magdalena Bezanilla, Amy S. Gladfelter, David R. Kovar, and Wei-Lih Lee. Cytoskeletal dynamics: a view from the membrane. *Journal of Cell Biology*, 209(3):329–??, May 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/209/3/329`.

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[BH15] Michelle R. Bond and John A. Hanover. A little sugar goes a long way: The cell biology of O–GlcNAc. *Journal of Cell Biology*, 208(7):869–??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/208/7/869`.

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[BHB+18] Sandra Backes, Steffen Hess, Felix Boos, Michael W. Woellhaf, Sabrina Gödel, Martin Jung, Timo Mühlhaus, and Johannes M. Herrmann. Tom70 enhances mitochondrial preprotein import efficiency by binding to internal targeting sequences. *Journal of Cell Biology*, 217(4):1369–??, April 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/4/1369`.

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[BHDK17] Thomas A. Burke, Alyssa J. Harker, Roberto Dominguez, and David R. Kovar. The bacterial virulence factors VopL and VopF nucleate actin from the pointed end. *Journal of Cell Biology*, 216(5):1267–??, May 2017. CODEN JCLBA3. ISSN

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[BhHS+17] Hemant B. Badgandi, Sun hee Hwang, Issei S. Shimada, Evan Loriot, and Saikat Mukhopadhyay. Tubby family proteins are adapters for ciliary trafficking of integral membrane proteins. *Journal of Cell Biology*, 216(3):743–??, March 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/3/743.

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[BHS+16] Riju S. Balachandran, Cassandra S. Heighington, Natalia G. Starostina, James W. Anderson, David L. Owen, Srividya Vasudevan, and Edward T. Kipreos. The ubiquitin ligase CRL2$^{\mathrm{ZYG11}}$ targets cyclin B1 for degradation in a conserved pathway that facilitates mitotic slippage. *Journal of Cell Biology*, 215(2):151–??, October 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/2/151.

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[BHS18] Daniel Brayson, Chin Yee Ho, and Catherine M. Shanahan. Muscle tensions merge to cause a DNA replication crisis. *Journal of Cell Biology*, 217(6):1891–??, June 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/6/1891.

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[BHS+19] Mary Kate Bonner, Julian Haase, Jason Swinderman, Hyunmi Halas, Lisa M. Miller Jenkins, and Alexander E. Kelly. Enrichment of Aurora B kinase at the inner kinetochore controls outer kinetochore assembly. *Journal of Cell Biology*, 218(10):3237–??, October 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/10/3237.

Bernkopf:2018:PRD

[BJB+18] Dominic B. Bernkopf, Kowcee Jalal, Martina Brückner, Karl X. Knaup, Marc Gentzel, Alexandra Schambony, and Jürgen Behrens. Pgam5 released from damaged mitochondria induces mitochondrial biogenesis via Wnt signaling. *Journal of Cell Biology*, 217(4):1383–??, April 2018. CODEN JCLBA3. ISSN

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Brown:2018:LEP

[BJL+18] Markus Brown, Louise A. Johnson, Dario A. Leone, Peter Majek, Kari Vaahtomeri, Daniel Senfter, Nora Bukosza, Helga Schachner, Gabriele Asfour, Brigitte Langer, Robert Hauschild, Katja Parapatics, Young-Kwon Hong, Keiryn L. Bennett, Renate Kain, Michael Detmar, Michael Sixt, David G. Jackson, and Dontscho Kerjaschki. Lymphatic exosomes promote dendritic cell migration along guidance cues. *Journal of Cell Biology*, 217(6):2205–??, June 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/6/2205.

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[BJO+16] Andrew A. Bridges, Maximilian S. Jentzsch, Patrick W. Oakes, Patricia Occhipinti, and Amy S. Gladfelter. Micron-scale plasma membrane curvature is recognized by the septin cytoskeleton. *Journal of Cell Biology*, 213(1):23–??, April 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/1/23.

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[BK19] Aidan I. Brown and Elena F. Koslover. Drive, filter, and stick: a protein sorting conspiracy in photoreceptors. *Journal of Cell Biology*, 218(11):3533–??, November 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/11/3533.

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[BKG+15] Julie M. Bianchini, Khameeka N. Kitt, Martijn Gloerich, Sabine Pokutta, William I. Weis, and W. James Nelson. Reevaluating αE-catenin monomer and homodimer functions by characterizing E-cadherin/αE-catenin chimeras. *Journal of Cell Biology*, 210(7):1065–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/7/1065.

Bamidele:2015:IPC

[BKH+15] Adebowale O. Bamidele, Kimberly N. Kremer, Petra Hirsova, Ian C. Clift, Gregory J. Gores, Daniel D. Billadeau, and

Karen E. Hedin. IQGAP1 promotes CXCR4 chemokine receptor function and trafficking via EEA-1$^+$ endosomes. *Journal of Cell Biology*, 210(2):257–??, July 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/2/257.

Baumgart:2019:STS

[BKR+19] Johannes Baumgart, Marcel Kirchner, Stefanie Redemann, Alec Bond, Jeffrey Woodruff, Jean-Marc Verbavatz, Frank Jülicher, Thomas Müller-Reichert, Anthony A. Hyman, and Jan Brugués. Soluble tubulin is significantly enriched at mitotic centrosomes. *Journal of Cell Biology*, 218(12):3977–3985, December 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL https://rupress.org/jcb/article/218/12/3977/132532/Soluble-tubulin-is-significantly-enriched-at.

Bao:2015:MDA

[BLG+15] Yi Bao, Carola Ledderose, Amelie F. Graf, Bianca Brix, Theresa Birsak, Albert Lee, Jingping Zhang, and Wolfgang G. Junger. mTOR and differential activation of mitochondria orchestrate neutrophil chemotaxis. *Journal of Cell Biology*, 210(7):1153–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/7/1153.

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[BLL15] Anjana Badrinarayanan, Tung B. K. Le, and Michael T. Laub. Rapid pairing and resegregation of distant homologous loci enables double-strand break repair in bacteria. *Journal of Cell Biology*, 210(3):385–??, August 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/3/385.

Baeyens:2016:DFS

[BLO+16] Nicolas Baeyens, Bruno Larrivée, Roxana Ola, Brielle Hayward-Piatkowskyi, Alexandre Dubrac, Billy Huang, Tyler D. Ross, Brian G. Coon, Elizabeth Min, Maya Tsarfati, Haibin Tong, Anne Eichmann, and Martin A. Schwartz. Defective fluid shear stress mechanotransduction mediates hereditary hemorrhagic telangiectasia. *Journal of Cell Biology*, 214(7):807–??, September 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140

(electronic). URL http://jcb.rupress.org/content/214/7/807.

Blow:2019:DOL

[Blo19] J. Julian Blow. Defects in the origin licensing checkpoint stresses cells exiting G0. *Journal of Cell Biology*, 218(7):2080–??, July 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/7/2080.

Buono:2017:EMV

[BLPV+17] Rafael Andrade Buono, André Leier, Julio Paez-Valencia, Janice Pennington, Kaija Goodman, Nathan Miller, Paul Ahlquist, Tatiana T. Marquez-Lago, and Marisa S. Otegui. ESCRT-mediated vesicle concatenation in plant endosomes. *Journal of Cell Biology*, 216(7):2167–??, July 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/7/2167.

Blum:2015:MSL

[Blu15a] Karen Blum. Marcos Sotomayor: Listening in on the cadherin family's secrets. *Journal of Cell Biology*, 211(5):938–??, December 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/5/938.

Blum:2015:RPI

[Blu15b] Karen Blum. Rosa Puertollano: The importance of recycling cellular trash. *Journal of Cell Biology*, 211(6):1100–??, December 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/6/1100.

Briz:2015:NFS

[BLZ+15] Victor Briz, Yan Liu, Guoqi Zhu, Xiaoning Bi, and Michel Baudry. A novel form of synaptic plasticity in field CA3 of hippocampus requires GPER1 activation and BDNF release. *Journal of Cell Biology*, 210(7):1225–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/7/1225.

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[BMC15] Sylvain Bessonnard, Daniel Mesnard, and Daniel B. Constam. PC7 and the related proteases Furin and Pace4 regulate E-cadherin function during blastocyst formation. *Journal of Cell Biology*, 210(7):1185–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/7/1185.

Bertiaux:2018:BIT

[BMF+18] Eloïse Bertiaux, Adeline Mallet, Cécile Fort, Thierry Blisnick, Serge Bonnefoy, Jamin Jung, Moara Lemos, Sergio Marco, Sue Vaughan, Sylvain Trépout, Jean-Yves Tinevez, and Philippe Bastin. Bidirectional intraflagellar transport is restricted to two sets of microtubule doublets in the trypanosome flagellum. *Journal of Cell Biology*, 217(12):4284–??, December 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/12/4284.

Bae:2019:DBM

[BMM+19] Donghwi Bae, Kristin A. Moore, Jessica M. Mella, Samantha Y. Hayashi, and Julie Hollien. Degradation of Blos1 mRNA by IRE1 repositions lysosomes and protects cells from stress. *Journal of Cell Biology*, 218(4):1118–??, April 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/4/1118.

Bending:2018:TAT

[BMP+18] David Bending, Paz Prieto Martín, Alina Paduraru, Catherine Ducker, Erik Marzaganov, Marie Laviron, Satsuki Kitano, Hitoshi Miyachi, Tessa Crompton, and Masahiro Ono. A timer for analyzing temporally dynamic changes in transcription during differentiation in vivo. *Journal of Cell Biology*, 217(8):2931–??, August 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/8/2931.

Botti:2017:CDS

[BMS+17] Valentina Botti, François McNicoll, Michaela C. Steiner, Florian M. Richter, Anfisa Solovyeva, Marius Wegener, Oliver D. Schwich, Ina Poser, Kathi Zarnack, Ilka Wittig, Karla M. Neugebauer, and Michaela Müller-McNicoll. Cellular differentiation state modulates the mRNA export activity of SR proteins. *Journal of Cell Biology*, 216(7):1993–??, July 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/7/1993.

Biedka:2018:HRR

[BMW+18] Stephanie Biedka, Jelena Micic, Daniel Wilson, Hailey Brown, Luke Diorio-Toth, and John L. Woolford. Hierarchical recruitment of ribosomal proteins and assembly factors remodels nucleolar pre-60S ribosomes. *Journal of Cell Biology*, 217(7):2503–??, July 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/7/2503`.

Brachet:2015:LTC

[BNB+15] Anna Brachet, Stephanie Norwood, Jos F. Brouwers, Ernest Palomer, J. Bernd Helms, Carlos G. Dotti, and José A. Esteban. LTP-triggered cholesterol redistribution activates Cdc42 and drives AMPA receptor synaptic delivery. *Journal of Cell Biology*, 208(6):791–??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/208/6/791`.

Bohr:2015:SAC

[BNKB15] Tisha Bohr, Christian R. Nelson, Erin Klee, and Needhi Bhalla. Spindle assembly checkpoint proteins regulate and monitor meiotic synapsis in *C. elegans*. *Journal of Cell Biology*, 211(2):233–??, October 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/211/2/233`.

Belvindrah:2017:MTT

[BNS+17] Richard Belvindrah, Kathiresan Natarajan, Preety Shabajee, Elodie Bruel-Jungerman, Jennifer Bernard, Marie Goutierre, Imane Moutkine, Xavier H. Jaglin, Mythili Savariradjane, Theano Irinopoulou, Jean-Christophe Poncer, Carsten Janke, and Fiona Francis. Mutation of the α-tubulin Tuba1a leads to straighter microtubules and perturbs neuronal migration. *Journal of Cell Biology*, 216(8):2443–??, August 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/8/2443`.

Bobola:2017:DBT

[Bob17] Nicoletta Bobola. From DNA binding to transcriptional activation: Is the TALE complete? *Journal of Cell Biology*, 216(9):2603–??, September 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/9/2603`.

Bohnert:2018:WFS

[Boh18] Maria Bohnert. Wrapping up the fats — a structure of the lipid droplet biogenesis protein seipin. *Journal of Cell Biology*, 217(12):4053–??, December 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/12/4053.

Bugaj:2017:ICP

[BOL17] Lukasz J. Bugaj, Geoff P. O'Donoghue, and Wendell A. Lim. Interrogating cellular perception and decision making with optogenetic tools. *Journal of Cell Biology*, 216(1):25–??, January 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/1/25.

Benoit:2019:CMR

[BP19a] Béatrice Benoit and Christian Poüs. Correction: Microtubule reorientation in the blue spotlight: Cutting and CLASPing at dynamic hot spots. *Journal of Cell Biology*, 218(2):723–??, February 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/2/723. See [BP19b].

Benoit:2019:MRB

[BP19b] Béatrice Benoit and Christian Poüs. Microtubule reorientation in the blue spotlight: Cutting and CLASPing at dynamic hot spots. *Journal of Cell Biology*, 218(1):8–??, January 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/1/8. See correction [BP19a].

Bonello:2019:SMS

[BP19c] Teresa T. Bonello and Mark Peifer. Scribble: a master scaffold in polarity, adhesion, synaptogenesis, and proliferation. *Journal of Cell Biology*, 218(3):742–??, March 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/3/742.

Bassler:2015:NAF

[BPH+15] Jochen Baßler, Helge Paternoga, Iris Holdermann, Matthias Thoms, Sander Granneman, Clara Barrio-Garcia, Afua Nyarko, Woonghee Lee, Gunter Stier, Sarah A. Clark, Daniel Schraivogel, Martina Kallas, Roland Beckmann, David Tollervey, Elisar

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[CAP+16] Wangsun Choi, Bipul R. Acharya, Grégoire Peyret, Marc-Antoine Fardin, René-Marc Mège, Benoit Ladoux, Alpha S. Yap, Alan S. Fanning, and Mark Peifer. Remodeling the zonula adherens in response to tension and the role of afadin in this response. *Journal of Cell Biology*, 213(2):243–??, April 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/2/243.

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[Cas16b] Melina Casadio. Jim Bear: Delineating the mechanics of cell migration. *Journal of Cell Biology*, 215(5):594–??, December 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140

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[CBAP+17] Yasmine Cantaut-Belarif, Myriam Antri, Rocco Pizzarelli, Sabrina Colasse, Ilaria Vaccari, Sylvia Soares, Marianne Renner, Radhouane Dallel, Antoine Triller, and Alain Bessis. Microglia control the glycinergic but not the GABAergic synapses via prostaglandin E2 in the spinal cord. *Journal of Cell Biology*, 216(9):2979–??, September 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/9/2979.

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Chen:2019:YCC

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[CHC+18] Nicholas D. Condon, John M. Heddleston, Teng-Leong Chew, Lin Luo, Peter S. McPherson, Maria S. Ioannou, Louis Hodgson, Jennifer L. Stow, and Adam A. Wall. Macropinosome formation by tent pole ruffling in macrophages. *Journal of Cell Biology*, 217(11):3873–??, November 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/11/3873.

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[CHI+15] Chi-Shuo Chen, Soonjin Hong, Indrajyoti Indra, Alina P. Sergeeva, Regina B. Troyanovsky, Lawrence Shapiro, Barry Honig, and Sergey M. Troyanovsky. α-catenin–mediated cadherin clustering couples cadherin and actin dynamics. *Journal of Cell Biology*, 210(4):647–??, August 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/4/647.

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[CHP+17] Ting Gang Chew, Junqi Huang, Saravanan Palani, Ruth Sommese, Anton Kamnev, Tomoyuki Hatano, Ying Gu, Snezhana Oliferenko, Sivaraj Sivaramakrishnan, and Mohan K. Balasubramanian. Actin turnover maintains actin filament homeostasis during cytokinetic ring contraction. *Journal of Cell Biology*, 216(9):2657–??, September 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/9/2657`.

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[CHS+17] Chih-Chia Chang, Tzu-Lun Huang, Yuta Shimamoto, Su-Yi Tsai, and Kuo-Chiang Hsia. Regulation of mitotic spindle assembly factor NuMA by Importin-β. *Journal of Cell Biology*, 216(11):3453–??, November 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/11/3453`.

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[CHZ+17] Trinna L. Cuellar, Anna-Maria Herzner, Xiaotian Zhang, Yogesh Goyal, Colin Watanabe, Brad A. Friedman, Vasantharajan Janakiraman, Steffen Durinck, Jeremy Stinson, David Arnott, Tommy K. Cheung, Subhra Chaudhuri, Zora Modrusan, Jonas Martin Doerr, Marie Classon, and Benjamin Haley. Silencing of retrotransposons by SETDB1 inhibits the interferon response in acute myeloid leukemia. *Journal of Cell Biology*, 216(11):3535–??, November 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/11/3535`.

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[CLO+19] Mei-Chun Chuang, Shan-Shan Lin, Ryosuke L. Ohniwa, Gang-Hui Lee, You-An Su, Yu-Chen Chang, Ming-Jer Tang, and Ya-Wen Liu. Tks5 and Dynamin-2 enhance actin bundle rigidity in invadosomes to promote myoblast fusion. *Journal of Cell Biology*, 218(5):1670–??, May 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/5/1670`.

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[CM16] Chin-Chi Chen and Barbara G. Mellone. Chromatin assembly: Journey to the CENter of the chromosome. *Journal of Cell Biology*, 214(1):13–??, July 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/214/1/13`.

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[CM18] Daniela Gallo Castro and Sophie G. Martin. Differential GAP requirement for Cdc42-GTP polarization during proliferation and sexual reproduction. *Journal of Cell Biology*, 217(12):4215–??, December 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/12/4215`.

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[CMA19] Leeba Ann Chacko, Kritika Mehta, and Vaishnavi Ananthanarayanan. Cortical tethering of mitochondria by the anchor protein Mcp5 enables uniparental inheritance. *Journal of Cell Biology*, 218(11):3560–??, November 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/11/3560`.

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[CMB+18] Hsin-Fang Chang, Stefanie Mannebach, Andreas Beck, Keerthana Ravichandran, Elmar Krause, Katja Frohnweiler, Claudia

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[CMM+15] Elisa Cesarini, Chiara Mozzetta, Fabrizia Marullo, Francesco Gregoretti, Annagiusi Gargiulo, Marta Columbaro, Alice Cortesi, Laura Antonelli, Simona Di Pelino, Stefano Squarzoni, Daniela Palacios, Alessio Zippo, Beatrice Bodega, Gennaro Oliva, and Chiara Lanzuolo. Lamin A/C sustains PcG protein architecture, maintaining transcriptional repression at target genes. *Journal of Cell Biology*, 211(3):533–??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/3/533.

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[CMMB+15] Christine Chiasson-MacKenzie, Zachary S. Morris, Quentin Baca, Brett Morris, Joanna K. Coker, Rossen Mirchev, Anne E. Jensen, Thomas Carey, Shannon L. Stott, David E. Golan, and Andrea I. McClatchey. NF2/ Merlin mediates contact-dependent inhibition of EGFR mobility and internalization via cortical actomyosin. *Journal of Cell Biology*, 211(2):391–??, October 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/2/391.

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[CMTH+15] Jade P. X. Cheng, Carolina Mendoza-Topaz, Gillian Howard, Jessica Chadwick, Elena Shvets, Andrew S. Cowburn, Benjamin J. Dunmore, Alexi Crosby, Nicholas W. Morrell, and Benjamin J. Nichols. Caveolae protect endothelial cells from membrane rupture during increased cardiac output. *Journal of Cell Biology*, 211(1):53–??, October 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/1/53.

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[CN15] Edward Courchaine and Karla M. Neugebauer. Paraspeckles: Paragons of functional aggregation. *Journal of Cell Biology*, 210

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Chang:2017:RLH

[CNA+17] Emily Yun-Chia Chang, Carolina A. Novoa, Maria J. Aristizabal, Yan Coulombe, Romulo Segovia, Richa Chaturvedi, Yaoqing Shen, Christelle Keong, Annie S. Tam, Steven J. M. Jones, Jean-Yves Masson, Michael S. Kobor, and Peter C. Stirling. RECQ-like helicases Sgs1 and BLM regulate R-loop–associated genome instability. *Journal of Cell Biology*, 216(12): 3991–??, December 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/12/3991`.

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[CNC+18] Thomas D. Carroll, Ian P. Newton, Yu Chen, J. Julian Blow, and Inke Näthke. Lgr5$^+$ intestinal stem cells reside in an unlicensed G_1 phase. *Journal of Cell Biology*, 217(5):1667–??, May 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/5/1667`.

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[CNN+17] Muhan Chen, Dawid G. Nowak, Navneet Narula, Brian Robinson, Kaitlin Watrud, Alexandra Ambrico, Tali M. Herzka, Martha E. Zeeman, Matthias Minderer, Wu Zheng, Saya H. Ebbesen, Kendra S. Plafker, Carlos Stahlhut, Victoria M. Y. Wang, Lorna Wills, Abu Nasar, Mireia Castillo-Martin, Carlos Cordon-Cardo, John E. Wilkinson, Scott Powers, Raffaella Sordella, Nasser K. Altorki, Vivek Mittal, Brendon M. Stiles, Scott M. Plafker, and Lloyd C. Trotman. The nuclear transport receptor Importin-11 is a tumor suppressor that maintains PTEN protein. *Journal of Cell Biology*, 216(3):641–??, March 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/3/641`.

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[CNRR+17] Bernadette Carroll, Glyn Nelson, Yoana Rabanal-Ruiz, Olena Kucheryavenko, Natasha A. Dunhill-Turner, Charlotte C. Chesterman, Qabil Zahari, Tong Zhang, Sarah E. Conduit, Christina A. Mitchell, Oliver D. K. Maddocks, Penny Lovat, Thomas von Zglinicki, and Viktor I. Korolchuk. Persistent mTORC1 signaling in cell senescence results from defects in amino acid and growth factor sensing. *Journal of Cell Biology*, 216(7):1949–??, July 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/7/1949.

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[CO19] Mariana F. A. Costa and Hiroyuki Ohkura. The molecular architecture of the meiotic spindle is remodeled during metaphase arrest in oocytes. *Journal of Cell Biology*, 218(9): 2854–??, September 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/9/2854.

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[COGP15] Vineet Choudhary, Namrata Ojha, Andy Golden, and William A. Prinz. A conserved family of proteins facilitates nascent lipid droplet budding from the ER. *Journal of Cell Biology*, 211(2):261–??, October 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/2/261.

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[Col18] Hilary A. Coller. DNA replication licensing in stem cells: Gatekeeping the commitment to proliferation. *Journal of Cell Biology*, 217(5):1563–??, May 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/5/1563.

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[Col19] Stephanie M. Cologna. A calcium message for Niemann–Pick type C. *Journal of Cell Biology*, 218(12):3890–3891, December 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL https://rupress.org/jcb/article/218/12/3890/132510/A-calcium-message-for-Niemann-Pick-type-CA-calcium.

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[Con16] Paul T. Conduit. Microtubule organization: a complex solution. *Journal of Cell Biology*, 213(6):609–??, June 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/6/609.

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[CPB+16] Christopher F. Cummings, Vadim Pedchenko, Kyle L. Brown, Selene Colon, Mohamed Rafi, Celestial Jones-Paris, Elena Pokydeshava, Min Liu, Jose C. Pastor-Pareja, Cody Stothers, Isi A. Ero-Tolliver, A. Scott McCall, Roberto Vanacore, Gautam Bhave, Samuel Santoro, Timothy S. Blackwell, Roy Zent, Ambra Pozzi, and Billy G. Hudson. Extracellular chloride signals collagen IV network assembly during basement membrane formation. *Journal of Cell Biology*, 213(4):479–??, May 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/213/4/479`.

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[CPBG19] Jason C. Casler, Effrosyni Papanikou, Juan J. Barrero, and Benjamin S. Glick. Maturation-driven transport and AP-1-dependent recycling of a secretory cargo in the Golgi. *Journal of Cell Biology*, 218(5):1582–??, May 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/5/1582`.

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[CPCtR+15] Amanda Carroll-Portillo, Judy L. Cannon, Joost te Riet, Anna Holmes, Yuko Kawakami, Toshiaki Kawakami, Alessandra Cambi, and Diane S. Lidke. Mast cells and dendritic cells form synapses that facilitate antigen transfer for T cell activation. *Journal of Cell Biology*, 210(5):851–??, August 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/210/5/851`.

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[CPEE+15] Cristina Colombelli, Marilena Palmisano, Yael Eshed-Eisenbach, Desirée Zambroni, Ernesto Pavoni, Cinzia Ferri, Stefania Saccucci, Sophie Nicole, Raija Soininen, Karen K. McKee, Peter D. Yurchenco, Elior Peles, Lawrence Wrabetz, and M. Laura Feltri. Perlecan is recruited by dystroglycan to nodes of Ranvier and binds the clustering molecule gliomedin. *Journal of Cell Biology*, 208(3):313–??, February 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/208/3/313`.

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[CPP+18] Lara Carvalho, Pedro Patricio, Susana Ponte, Carl-Philipp Heisenberg, Luis Almeida, André S. Nunes, Nuno A. M. Araújo, and Antonio Jacinto. Occluding junctions as novel regulators of tissue mechanics during wound repair. *Journal of Cell Biology*, 217(12):4267–??, December 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/12/4267.

Chen:2019:XHF

[CQB+19] Bo-Ruei Chen, Annabel Quinet, Andrea K. Byrum, Jessica Jackson, Matteo Berti, Saravanabhavan Thangavel, Andrea L. Bredemeyer, Issa Hindi, Nima Mosammaparast, Jessica K. Tyler, Alessandro Vindigni, and Barry P. Sleckman. XLF and H2AX function in series to promote replication fork stability. *Journal of Cell Biology*, 218(7):2113–??, July 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/7/2113.

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[CR17] John P. Chamberland and Brigitte Ritter. Retromer revisited: Evolving roles for retromer in endosomal sorting. *Journal of Cell Biology*, 216(11):3433–??, November 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/11/3433.

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[CRC+15] Hsiuchen Chen, Shuxun Ren, Clary Clish, Mohit Jain, Vamsi Mootha, J. Michael McCaffery, and David C. Chan. Titration of mitochondrial fusion rescues Mff-deficient cardiomyopathy. *Journal of Cell Biology*, 211(4):795–??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/211/4/795`.

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[CRK+17] Hyo Kyun Chung, Dongryeol Ryu, Koon Soon Kim, Joon Young Chang, Yong Kyung Kim, Hyon-Seung Yi, Seul Gi Kang, Min Jeong Choi, Seong Eun Lee, Saet-Byel Jung, Min Jeong Ryu, Soung Jung Kim, Gi Ryang Kweon, Hail Kim, Jung Hwan Hwang, Chul-Ho Lee, Se-Jin Lee, Christopher E. Wall, Michael Downes, Ronald M. Evans, Johan Auwerx, and Minho Shong. Growth differentiation factor 15 is a myomitokine governing systemic energy homeostasis. *Journal of Cell Biology*, 216(1): 149–??, January 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/1/149`.

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[CRS+17] Suvagata Roy Chowdhury, Anastasija Reimer, Malvika Sharan, Vera Kozjak-Pavlovic, Ana Eulalio, Bhupesh K. Prusty, Martin Fraunholz, Karthika Karunakaran, and Thomas Rudel. *Chlamydia* preserves the mitochondrial network necessary for replication via microRNA-dependent inhibition of fission. *Journal of Cell Biology*, 216(4):1071–??, April 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/4/1071`.

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[CRZ+16] Gheorghe Cojoc, Emanuele Roscioli, Lijuan Zhang, Alfonso García-Ulloa, Jagesh V. Shah, Michael W. Berns, Nenad Pavin, Daniela Cimini, Iva M. Tolić, and Juraj Gregan. Laser microsurgery reveals conserved viscoelastic behavior of the kinetochore. *Journal of Cell Biology*, 212(7):767–??, March 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/7/767`.

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[CS16b] Benoit Chabot and Lulzim Shkreta. Defective control of pre–messenger RNA splicing in human disease. *Journal of Cell Biology*, 212(1):13–??, January 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/1/13`.

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[CSA19] Aleksandra S. Chikina, Tatyana M. Svitkina, and Antonina Y. Alexandrova. Time-resolved ultrastructure of the cortical actin cytoskeleton in dynamic membrane blebs. *Journal of Cell Biology*, 218(2):445–??, February 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/2/445`.

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[CSC+15] Amy A. Connolly, Kenji Sugioka, Chien-Hui Chuang, Joshua B. Lowry, and Bruce Bowerman. KLP-7 acts through the Ndc80 complex to limit pole number in *C. elegans* oocyte meiotic spindle assembly. *Journal of Cell Biology*, 210(6):917–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/6/917.

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[CSF+17] Ya-Fang Chiu, Arthur U. Sugden, Kathryn Fox, Mitchell Hayes, and Bill Sugden. Kaposi's sarcoma-associated herpesvirus stably clusters its genomes across generations to maintain itself extrachromosomally. *Journal of Cell Biology*, 216(9):2745–??, September 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/9/2745. See correction [CSF+18].

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[CSG+15] Sujash S. Chatterjee, Abil Saj, Tenzin Gocha, Matthew Murphy, Foster C. Gonsalves, Xiaoqian Zhang, Penelope Hayward, Betül Akgöl Oksuz, Steven S. Shen, Aviv Madar, Alfonso Martinez Arias, and Ramanuj DasGupta. Inhibition of β–catenin–TCF1 interaction delays differentiation of mouse embryonic stem cells. *Journal of Cell Biology*, 211(1):39–??, October 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/1/39.

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[CSS+18] Alison E. Casey, Ankit Sinha, Rajat Singhania, Julie Livingstone, Paul Waterhouse, Pirashaanthy Tharmapalan, Jennifer Cruickshank, Mona Shehata, Erik Drysdale, Hui Fang, Hyeyeon Kim, Ruth Isserlin, Swneke Bailey, Tiago Medina, Genevieve Deblois, Yu-Jia Shiah, Dalia Barsyte-Lovejoy, Stefan Hofer, Gary Bader, Mathieu Lupien, Cheryl Arrowsmith, Stefan Knapp, Daniel De Carvalho, Hal Berman, Paul C. Boutros, Thomas Kislinger, and Rama Khokha. Mammary molecular portraits reveal lineage-specific features and progenitor cell vulnerabilities. *Journal of Cell Biology*, 217(8):2951–??, August 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/8/2951`.

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[CST+16] Ye Jin Chai, Emma Sierecki, Vanesa M. Tomatis, Rachel S. Gormal, Nichole Giles, Isabel C. Morrow, Di Xia, Jürgen Götz, Robert G. Parton, Brett M. Collins, Yann Gambin, and Frédéric A. Meunier. Munc18-1 is a molecular chaperone for α-synuclein, controlling its self-replicating aggregation. *Journal of Cell Biology*, 214(6):705–??, September 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/214/6/705`.

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[CST+17] Katerina E. Chatzi, Marios Frantzeskos Sardis, Alexandra Tsirigotaki, Marina Koukaki, Nikolina Šoštarić, Albert Konijnenberg, Frank Sobott, Charalampos G. Kalodimos, Spyridoula Karamanou, and Anastassios Economou. Preprotein mature domains contain translocase targeting signals that are essential for secretion. *Journal of Cell Biology*, 216(5):1357–??, May 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/5/1357`.

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[CTS+18] Sara Carvalhal, Alexandra Tavares, Mariana B. Santos, Mihailo Mirkovic, and Raquel A. Oliveira. A quantitative analysis of cohesin decay in mitotic fidelity. *Journal of Cell Biology*, 217(10):3343–??, October 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/10/3343.

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[CV19] Dhananjay Chaturvedi and K. VijayRaghavan. From a syncytium to mononucleate cells and back: Yki and JNK in symphony. *Journal of Cell Biology*, 218(11):3531–??, November 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/11/3531.

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[CWI+19] Chi-Lun Chang, Aubrey V. Weigel, Maria S. Ioannou, H. Amalia Pasolli, C. Shan Xu, David R. Peale, Gleb Shtengel, Melanie Freeman, Harald F. Hess, Craig Blackstone, and Jennifer Lippincott-Schwartz. Spastin tethers lipid droplets to peroxisomes and directs fatty acid trafficking through ESCRT–III. *Journal of Cell Biology*, 218(8):2583–??, August 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/8/2583.

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[CWL+16] Liliane Christ, Eva M. Wenzel, Knut Liestøl, Camilla Raiborg, Coen Campsteijn, and Harald Stenmark. ALIX and ESCRT-I/II function as parallel ESCRT-III recruiters in cytokinetic abscission. *Journal of Cell Biology*, 212(5):499–??, February 2016.

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[CYL+18] Dan Chen, Chao Yang, Sha Liu, Weijian Hang, Xianghong Wang, Juan Chen, and Anbing Shi. SAC-1 ensures epithelial endocytic recycling by restricting ARF-6 activity. *Journal* of *Cell Biology*, 217(6):2121–??, June 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/6/2121.

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[CYMS+19] Yan Chen, Jeffery Yong, Antonio Martínez-Sánchez, Yang Yang, Yumei Wu, Pietro De Camilli, Rubén Fernández-Busnadiego, and Min Wu. Dynamic instability of clathrin assembly provides proofreading control for endocytosis. *Journal of Cell Biology*, 218(10):3200–??, October 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/10/3200.

Chan:2018:KRU

[CYT+18] Jonathan K. L. Chan, Don Yuen, Priscilla Hiu-Mei Too, Yan Sun, Belinda Willard, David Man, and Connie Tam. Keratin 6a reorganization for ubiquitin–proteasomal processing is a direct antimicrobial response. *Journal of Cell Biology*, 217(2): 731–??, February 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/2/731.

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[CZP16] Amandine Chaix, Amir Zarrinpar, and Satchidananda Panda. The circadian coordination of cell biology. *Journal of Cell Biology*, 215(1):15–??, October 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/1/15.

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[CZZ+15] Qi Cao, Xi Zoë Zhong, Yuanjie Zou, Ruth Murrell-Lagnado, Michael X. Zhu, and Xian-Ping Dong. Calcium release through P2X4 activates calmodulin to promote endolysosomal membrane fusion. *Journal of Cell Biology*, 209(6):879–??, June 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/209/6/879`.

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[Das17] Mary Dasso. Catch and release: 14-3-3 controls Ncd in meiotic spindles. *Journal of Cell Biology*, 216(10):3003–??, October 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/10/3003`.

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[DB15a] Kirk W. Donovan and Anthony Bretscher. Head-to-tail regulation is critical for the in vivo function of myosin V. *Journal of Cell Biology*, 209(3):359–??, May 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/209/3/359`.

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[DBG+15] Omaya Dudin, Felipe O. Bendezú, Raphael Groux, Thierry Laroche, Arne Seitz, and Sophie G. Martin. A formin-nucleated actin aster concentrates cell wall hydrolases for cell fusion in fission yeast. *Journal of Cell Biology*, 208(7):897–??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/7/897.

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[DCF+17] Jennifer M. Dyson, Sarah E. Conduit, Sandra J. Feeney, Sandra Hakim, Tia DiTommaso, Alex J. Fulcher, Absorn Sriratana, Georg Ramm, Kristy A. Horan, Rajendra Gurung, Carol Wicking, Ian Smyth, and Christina A. Mitchell. INPP5E regulates phosphoinositide-dependent cilia transition zone function. *Journal of Cell Biology*, 216(1):247–??, January 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/1/247`.

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[DCM+17] Sara K. Donnelly, Ramon Cabrera, Serena P. H. Mao, John R. Christin, Bin Wu, Wenjun Guo, Jose Javier Bravo-Cordero, John S. Condeelis, Jeffrey E. Segall, and Louis Hodgson. Rac3 regulates breast cancer invasion and metastasis by controlling adhesion and matrix degradation. *Journal of Cell Biology*, 216(12):4331–??, December 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/12/4331`.

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Dornier:2016:CTT

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Dimou:2019:SEV

[DCP+19] Eleni Dimou, Katia Cosentino, Evgenia Platonova, Uris Ros, Mohsen Sadeghi, Purba Kashyap, Taxiarchis Katsinelos, Sabine Wegehingel, Frank Noé, Ana J. García-Sáez, Helge Ewers, and Walter Nickel. Single event visualization of unconventional secretion of FGF2. *Journal of Cell Biology*, 218(2):683–??, February 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/2/683`.

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[Les15p] Mitch Leslie. Mast cells get all touchy-feely. *Journal of Cell Biology*, 210(5):683–??, August 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/5/683.

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[MHI+18] Keigo Morita, Yutaro Hama, Tamaki Izume, Norito Tamura, Toshihide Ueno, Yoshihiro Yamashita, Yuriko Sakamaki, Kaito Mimura, Hideaki Morishita, Wataru Shihoya, Osamu Nureki, Hiroyuki Mano, and Noboru Mizushima. Genome-wide CRISPR screen identifies TMEM41B as a gene required for autophagosome formation. *Journal of Cell Biology*, 217(11): 3817–??, November 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/11/3817`.

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Mauthe:2016:SSA

[MLJ+16] Mario Mauthe, Martijn Langereis, Jennifer Jung, Xingdong Zhou, Alex Jones, Wienand Omta, Sharon A. Tooze, Björn Stork, Søren Riis Paludan, Tero Ahola, Dave Egan, Christian Behrends, Michal Mokry, Cornelis de Haan, Frank van Kuppeveld, and Fulvio Reggiori. An siRNA screen for ATG protein depletion reveals the extent of the unconventional functions of the autophagy proteome in virus replication. *Journal of Cell Biology*, 214(5):619–??, August 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/214/5/619.

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[MLR+16] Andrei N. Mardaryev, Bo Liu, Valentina Rapisarda, Krzysztof Poterlowicz, Igor Malashchuk, Jana Rudolf, Andrey A. Sharov, Colin A. Jahoda, Michael Y. Fessing, Salvador A. Benitah, Guo-Liang Xu, and Vladimir A. Botchkarev. Cbx4 maintains the epithelial lineage identity and cell proliferation in the developing stratified epithelium. *Journal of Cell Biology*, 212(1):77–??, January 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/212/1/77.

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[MMB+15] Arnaud Mourier, Elisa Motori, Tobias Brandt, Marie Lagouge, Ilian Atanassov, Anne Galinier, Gunter Rappl, Susanne Brodesser, Kjell Hultenby, Christoph Dieterich, and Nils-Göran Larsson. Mitofusin 2 is required to maintain mitochondrial coenzyme Q levels. *Journal of Cell Biology*, 208(4): 429–??, February 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/208/4/429`.

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[MMW+19] Arthur Marivin, Veronika Morozova, Isha Walawalkar, Anthony Leyme, Dmitry A. Kretov, Daniel Cifuentes, Isabel Dominguez, and Mikel Garcia-Marcos. GPCR-independent activation of G proteins promotes apical cell constriction in vivo. *Journal of Cell Biology*, 218(5):1743–??, May 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/5/1743`.

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[MNL+16] Carlos A. Matos, Clévio Nóbrega, Susana R. Louros, Bruno Almeida, Elisabete Ferreiro, Jorge Valero, Luís Pereira de Almeida, Sandra Macedo-Ribeiro, and Ana Luísa Carvalho. Ataxin-3 phosphorylation decreases neuronal defects in spinocerebellar ataxia type 3 models. *Journal of Cell Biology*, 212(4):465–??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/4/465`.

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[Mok16] Dejana Mokranjac. Mitochondrial protein import: an unexpected disulfide bond. *Journal of Cell Biology*, 214(4):363–??, August 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/214/4/363.

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[MOS+18] Jakob Mejlvang, Hallvard Olsvik, Steingrim Svenning, Jack-Ansgar Bruun, Yakubu Princely Abudu, Kenneth Bowitz Larsen, Andreas Brech, Tom E. Hansen, Hanne Brenne, Terkel Hansen, Harald Stenmark, and Terje Johansen. Starvation induces rapid degradation of selective autophagy receptors by endosomal microautophagy. *Journal of Cell Biology*, 217(10): 3640–??, October 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/10/3640.

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[MP17b] Margaret D. Myers and Gregory S. Payne. Vps13 and Cdc31/ centrin: Puzzling partners in membrane traffic. *Journal of Cell Biology*, 216(2):299–??, February 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/2/299.

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[MpDN+17] Thomas Mindos, Xin peng Dun, Katherine North, Robin D. S. Doddrell, Alexander Schulz, Philip Edwards, James Russell, Bethany Gray, Sheridan L. Roberts, Aditya Shivane, Georgina Mortimer, Melissa Pirie, Nailing Zhang, Duojia Pan, Helen Morrison, and David B. Parkinson. Merlin controls the repair capacity of Schwann cells after injury by regulating Hippo/YAP activity. *Journal of Cell Biology*, 216(2):495–??, February 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/2/495.

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[MPH+15] Misty R. Marshall, Varsha Pattu, Mahantappa Halimani, Monika Maier-Peuschel, Martha-Lena Müller, Ute Becherer, Wanjin Hong, Markus Hoth, Thomas Tschernig, Yenan T. Bryceson, and Jens Rettig. VAMP8-dependent fusion of recycling endosomes with the plasma membrane facilitates T lymphocyte cytotoxicity. *Journal of Cell Biology*, 210(1):135–??, July 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/1/135.

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Miteva:2019:RIC

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[PTMP+15] Melpomeni Platani, Laura Trinkle-Mulcahy, Michael Porter, A. Arockia Jeyaprakash, and William C. Earnshaw. Mio depletion links mTOR regulation to Aurora A and Plk1 activation at mitotic centrosomes. *Journal of Cell Biology*, 210(1):45–??, July 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-

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[PTR+19] Nathan Palmer, S. Zakiah A. Talib, Chandrahas Koumar Ratnacaram, Diana Low, Xavier Bisteau, Joanna Hui Si Lee, Elisabeth Pfeiffenberger, Heike Wollmann, Joel Heng Loong Tan, Sheena Wee, Radoslaw Sobota, Jayantha Gunaratne, Daniel M. Messerschmidt, Ernesto Guccione, and Philipp Kaldis. CDK2 regulates the NRF1/Ehmt1 axis during meiotic prophase I. *Journal of Cell Biology*, 218(9):2896–??, September 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/9/2896.

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[PUTM15] Anne Pacquelet, Perrine Uhart, Jean-Pierre Tassan, and Grégoire Michaux. PAR-4 and anillin regulate myosin to coordinate spindle and furrow position during asymmetric division. *Journal of Cell Biology*, 210(7):1085–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/7/1085.

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[PVP+19] Alison E. Patteson, Amir Vahabikashi, Katarzyna Pogoda, Stephen A. Adam, Kalpana Mandal, Mark Kittisopikul, Suganya Sivagurunathan, Anne Goldman, Robert D. Goldman, and Paul A. Janmey. Vimentin protects cells against nuclear rupture and DNA damage during migration. *Journal of Cell Biology*, 218(12):4079–4092, December 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL https://rupress.org/jcb/article/218/12/4079/132537/Vimentin-protects-cells-against-nuclear-rupture.

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[QSZ+17a] Jia Qu, Wenyi Sun, Jie Zhong, Hao Lv, Mingrui Zhu, Jun Xu, Nan Jin, Zuoquan Xie, Minjia Tan, Shu-Hai Lin, Meiyu Geng, Jian Ding, and Min Huang. Correction: Phosphoglycerate mutase 1 regulates dNTP pool and promotes homologous recombination repair in cancer cells. *Journal of Cell Biology*, 216(8): 2597–??, August 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/8/2597`. See [QSZ+17b].

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[QZX19] Rongde Qiu, Jun Zhang, and Xin Xiang. LIS1 regulates cargo-adapter–mediated activation of dynein by overcoming its autoinhibition in vivo. *Journal of Cell Biology*, 218(11): 3630–??, November 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/11/3630`.

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[RNP+17] Julia D. Romano, Sabrina J. Nolan, Corey Porter, Karen Ehrenman, Eric J. Hartman, Ru ching Hsia, and Isabelle Coppens. The parasite Toxoplasma sequesters diverse Rab host vesicles within an intravacuolar network. *Journal of Cell Biology*, 216(12):4235–??, December 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/12/4235.

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[RO18] Pierre Romé and Hiroyuki Ohkura. A novel microtubule nucleation pathway for meiotic spindle assembly in oocytes. *Journal of Cell Biology*, 217(10):3431–??, October 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/10/3431.

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[RPMC+16] Ajay Ramesh, Valentina Peleh, Sonia Martinez-Caballero, Florian Wollweber, Frederik Sommer, Martin van der Laan, Michael Schroda, R. Todd Alexander, María Luisa Campo, and Johannes M. Herrmann. A disulfide bond in the TIM23 complex is crucial for voltage gating and mitochondrial protein import. *Journal of Cell Biology*, 214(4):417–??, August 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/214/4/417.

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[RS16] Camilla Raiborg and Harald Stenmark. Plasma membrane repairs by small GTPase Rab3a. *Journal of Cell Biology*, 213(6):613–??, June 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/6/613.

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[RSC+19] Colin D. H. Ratcliffe, Nadeem Siddiqui, Paula P. Coelho, Nancy Laterreur, Tumini N. Cookey, Nahum Sonenberg, and Morag Park. HGF-induced migration depends on the PI(3,4,5)P_3-binding microexon-spliced variant of the Arf6 exchange factor cytohesin-1. *Journal of Cell Biology*, 218(1):285–??, January 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/1/285.

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[RSCR15] Kevin Roarty, Amy N. Shore, Chad J. Creighton, and Jeffrey M. Rosen. Ror2 regulates branching, differentiation, and actin-cytoskeletal dynamics within the mammary epithelium. *Journal of Cell Biology*, 208(3):351–??, February 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/3/351.

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[RSS15] Joseph M. Rutkowski, Jennifer H. Stern, and Philipp E. Scherer. The cell biology of fat expansion. *Journal of Cell Biology*, 208(5):501–??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/5/501.

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[RZS+15] Marcel Reuter, Alex Zelensky, Ihor Smal, Erik Meijering, Wiggert A. van Cappellen, H. Martijn de Gruiter, Gijsbert J. van Belle, Martin E. van Royen, Adriaan B. Houtsmuller, Jeroen Essers, Roland Kanaar, and Claire Wyman. BRCA2 diffuses as oligomeric clusters with RAD51 and changes mobility after DNA damage in live cells. *Journal of Cell Biology*, 208 (6):857–??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/208/6/857`.

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[SA19] Maria Livia Sassano and Patrizia Agostinis. Staying in touch: Taking a closer look at ER–Golgi contact sites. *Journal of Cell Biology*, 218(3):729–??, March 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/3/729`.

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[SAB+18] Xuewu Sui, Henning Arlt, Kelly P. Brock, Zon Weng Lai, Frank DiMaio, Debora S. Marks, Maofu Liao, Robert V. Farese, and Tobias C. Walther. Cryo–electron microscopy structure of the lipid droplet–formation protein seipin. *Journal of Cell Biology*, 217(12):4080–??, December 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/12/4080`.

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[SAF+19] Sanjay Saw, Alison Aiken, Hui Fang, Trevor D. McKee, Sarah Bregant, Otto Sanchez, Yan Chen, Ashley Weiss, Brendan C. Dickson, Bertrand Czarny, Ankit Sinha, Amanda Fosang, Vincent Dive, Paul D. Waterhouse, Thomas Kislinger, and Rama Khokha. Metalloprotease inhibitor TIMP proteins control FGF-2 bioavailability and regulate skeletal growth. *Journal of Cell Biology*, 218(9):3134–??, September 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/9/3134`.

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[Sho15d] Ben Short. Assessing actin's growth rate. *Journal of Cell Biology*, 208(5):499–??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/5/499.

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[Sho15-30] Ben Short. Ltc1 gets added to the ER's contacts. *Journal of Cell Biology*, 209(4):??, May 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/4/470.1.

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[Sho15-33] Ben Short. Merlin casts its spell on the cortical cytoskeleton. *Journal of Cell Biology*, 211(2):207–??, October 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/2/207.

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[Sho15-36] Ben Short. Mismatch repair provides a security patch for translesion synthesis. *Journal of Cell Biology*, 209(1):??, April 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/1/2.1.

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[Sho15-37] Ben Short. Mitofusin 2 keeps the respiratory chain on Q. *Journal of Cell Biology*, 208(4):??, February 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/4/382.3.

Short:2015:MST

[Sho15-38] Ben Short. mRNAs scan themselves out. *Journal of Cell Biology*, 211(6):1099–??, December 2015. CODEN JCLBA3. ISSN

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Short:2015:NES

[Sho15-40] Ben Short. NORE1A erects a senescence barrier to tumorigenesis. *Journal of Cell Biology*, 208(6):??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/6/650.2.

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[Sho15-41] Ben Short. Notch commandeers COMMD9 for endosomal sorting. *Journal of Cell Biology*, 211(3):??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/3/486.3.

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[Sho15-42] Ben Short. Num1 relieves dynein's inhibitions. *Journal of Cell Biology*, 211(2):??, October 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/2/206.2.

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[Sho15-43] Ben Short. Nup82 complex puts the P in NPC. *Journal of Cell Biology*, 208(3):??, February 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/3/252.2.

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[Sho15-44] Ben Short. P2X4 promotes lysosome fusion. *Journal of Cell Biology*, 209(6):??, June 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/6/777.2.

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[Sho15-48] Ben Short. Rab27a builds a platform for HIV-1. *Journal of Cell Biology*, 209(3):??, May 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/3/318.3.

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[Sho15-49] Ben Short. Ribosomes have a NAC for nascent chain processing. *Journal of Cell Biology*, 210(2):??, July 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/2/172.2.

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[Sho15-50] Ben Short. A Ror recruit to mammary gland development. *Journal of Cell Biology*, 208(3):253–??, February 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/3/253.

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[Sho15-51] Ben Short. Secretase complexes let it RIP. *Journal of Cell Biology*, 211(6):??, December 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/6/1098.2.

Short:2015:SET

[Sho15-52] Ben Short. sisRNAs engage with their hosts. *Journal of Cell Biology*, 211(2):??, October 2015. CODEN JCLBA3. ISSN

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Short:2015:SWT

[Sho15-53] Ben Short. A SMRTer way to track molecules. *Journal of Cell Biology*, 209(4):??, May 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/4/470.3.

Short:2015:SSA

[Sho15-54] Ben Short. SNAREs share atlastin's burden. *Journal of Cell Biology*, 210(3):??, August 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/3/364.2.

Short:2015:SVR

[Sho15-55] Ben Short. Solidifying the view of RNP dynamics. *Journal of Cell Biology*, 211(3):487–??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/3/487.

Short:2015:SEF

[Sho15-56] Ben Short. Sorting out endosome form and function. *Journal of Cell Biology*, 210(6):870–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/6/870.

Short:2015:SDA

[Sho15-57] Ben Short. Special delivery to the apical membrane. *Journal of Cell Biology*, 211(3):??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/3/486.2.

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[Sho15-58] Ben Short. Spindle assembly at a BRISC pace. *Journal of Cell Biology*, 210(2):??, July 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/2/172.1.

Short:2015:SPB

[Sho15-59] Ben Short. The spindle plays both ends. *Journal of Cell Biology*, 210(4):526–??, August 2015. CODEN JCLBA3. ISSN

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Short:2015:SGL

[Sho15-60] Ben Short. Spindly gets a lipid link to kinetochores. *Journal of Cell Biology*, 208(7):??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/7/860.1.

Short:2015:SLS

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Short:2015:SCN

[Sho15-62] Ben Short. A stem cell niche shows self-restraint. *Journal of Cell Biology*, 209(4):??, May 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/4/470.2.

Short:2015:SER

[Sho15-63] Ben Short. SUMO enters the ring. *Journal of Cell Biology*, 211 (3):490–??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/3/490.

Short:2015:SPS

[Sho15-64] Ben Short. SUN protection for the skin. *Journal of Cell Biology*, 209(3):319–??, May 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/3/319.

Short:2015:TMC

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Short:2015:TE

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Short:2015:TKC

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[Sho15-71] Ben Short. VEGF tips its hand in angiogenesis. *Journal of Cell Biology*, 209(4):474–??, May 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/4/474.

Short:2015:VSR

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Short:2015:WCF

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[Sho16d] Ben Short. Cells set sail after lifting anchor from Myo1E. *Journal of Cell Biology*, 214(4):359–??, August 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/214/4/359.

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[Sho16e] Ben Short. Chloride helps collagen build its network. *Journal of Cell Biology*, 213(4):404–??, May 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/4/404.

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[Sho16f] Ben Short. Cytokinetic rings mind the gap. *Journal of Cell Biology*, 215(6):749–??, December 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/6/749.

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[Sho16n] Ben Short. Lymphocytes shrink to stay fit. *Journal of Cell Biology*, 212(4):367–??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/212/4/367.

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[Sho16o] Ben Short. Mapping the kinetochore Delta. *Journal of Cell Biology*, 212(3):259–??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/212/3/259.

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[Sho16q] Ben Short. Mitotic cells get a stress test. *Journal of Cell Biology*, 214(2):121–??, July 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/214/2/121.

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[Sho16u] Ben Short. Neurons let it slide. *Journal of Cell Biology*, 213 (3):290–??, May 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/3/290.

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[Sho16v] Ben Short. p62 aggregation is a problem for neural stem cells. *Journal of Cell Biology*, 212(5):??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/212/5/482.2.

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[Sho16w] Ben Short. A program to reduce inequality. *Journal of Cell Biology*, 214(3):233–??, August 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/214/3/233.

Short:2016:PHP

[Sho16x] Ben Short. PxdA helps peroxisomes hitch a ride. *Journal of Cell Biology*, 212(3):??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/212/3/258.1.

Short:2016:RRC

[Sho16y] Ben Short. Rac and Rho compete to cooperate. *Journal of Cell Biology*, 215(4):433–??, November 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/4/433.

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[Sho16z] Ben Short. A reason to avoid SNAP judgments. *Journal of Cell Biology*, 215(1):1–??, October 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/1/1.

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[Sho16-27] Ben Short. ROBO-cop protects cells from stiff environment. *Journal of Cell Biology*, 212(6):??, March 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/6/606.2`.

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[Sho16-28] Ben Short. Slit holds a strange attraction for filopodia. *Journal of Cell Biology*, 213(2):138–??, April 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/213/2/138`.

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[Sho16-29] Ben Short. Sorting out peroxisome biogenesis. *Journal of Cell Biology*, 212(3):??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/3/258.3`.

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[Sho16-30] Ben Short. Survival of the fattest. *Journal of Cell Biology*, 212 (6):607–??, March 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/6/607`.

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[Sho16-31] Ben Short. A switch for stress granule assembly. *Journal of Cell Biology*, 212(7):??, March 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/7/742.2`.

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[Sho16-32] Ben Short. Switching septins spurs sporulation. *Journal of Cell Biology*, 212(5):483–??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/5/483`.

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[Sho16-33] Ben Short. Telomeres come up short in heart regeneration. *Journal of Cell Biology*, 213(5):497–??, June 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/213/5/497`.

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[Sho16-34] Ben Short. Three speeds of gene repositioning. *Journal of Cell Biology*, 212(6):??, March 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/212/6/606.1.

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[Sho16-35] Ben Short. Tracking CRISPR targeting. *Journal of Cell Biology*, 214(5):491–??, August 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/214/5/491.

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[Sho16-36] Ben Short. Untangling Topo II's function at mitotic centromeres. *Journal of Cell Biology*, 213(6):601–??, June 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/6/601.

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[Sho16-37] Ben Short. Yeast chromatin takes global action on carbon. *Journal of Cell Biology*, 212(3):??, February 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/212/3/258.2.

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[Sho17b] Ben Short. Centrosome signaling pathways consult on their decision. *Journal of Cell Biology*, 216(9):2599–??, September 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/9/2599.

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[Sho17c] Ben Short. Choosing the right response to ER stress. *Journal of Cell Biology*, 216(6):1501–??, June 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/6/1501.

Short:2017:EHN

[Sho17d] Ben Short. ELKS1 helps neuronal synapses diversify. *Journal of Cell Biology*, 216(4):851–??, April 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/4/851`.

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[Sho17e] Ben Short. How the vasculature delivers lung epithelia from an incorrect fate. *Journal of Cell Biology*, 216(10):2991–??, October 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/10/2991`.

Short:2017:MWM

[Sho17f] Ben Short. Merlin weaves its magic on peripheral nerve repair. *Journal of Cell Biology*, 216(2):283–??, February 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/2/283`.

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[Sho17g] Ben Short. Mitochondria deliver a gut check to intestinal stem cells. *Journal of Cell Biology*, 216(8):2231–??, August 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/8/2231`.

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[Sho17h] Ben Short. The signal hypothesis matures with age. *Journal of Cell Biology*, 216(5):1207–??, May 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/5/1207`.

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[Sho17i] Ben Short. A three-alarm signal for endocytosis? *Journal of Cell Biology*, 216(11):3425–??, November 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/11/3425`.

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[Sho17j] Ben Short. Tubby proteins prove their adaptability. *Journal of Cell Biology*, 216(3):527–??, March 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/3/527`.

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[Sho17k] Ben Short. UNC-45a helps cells manage their stress levels. *Journal of Cell Biology*, 216(12):3887–??, December 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/12/3887`.

Short:2017:WPT

[Sho17l] Ben Short. Want to promote tissue growth? There's an app for that! *Journal of Cell Biology*, 216(1):1–??, January 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/1/1`.

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[Sho18a] Ben Short. A cell-free screen of caveolae interactions. *Journal of Cell Biology*, 217(6):1883–??, June 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/6/1883`.

Short:2018:GTP

[Sho18b] Ben Short. Gluing together the pieces of crinophagy. *Journal of Cell Biology*, 217(1):05–??, January 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/1/05`.

Short:2018:HMS

[Sho18c] Ben Short. How mitotic spindles point to the exit. *Journal of Cell Biology*, 217(3):795–??, March 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/3/795`.

Short:2018:PHE

[Sho18d] Ben Short. The proteasome helps epithelial cells set up KAMPs. *Journal of Cell Biology*, 217(2):431–??, February 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/2/431`.

Short:2018:SIR

[Sho18e] Ben Short. Seeing the insulin receptor in action. *Journal of Cell Biology*, 217(5):1555–??, May 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/5/1555`.

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[Sho18f] Ben Short. Src turns FHL1 to the dark side. *Journal of Cell Biology*, 217(4):1159–??, April 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/4/1159.

Sing:2018:BYR

[SHO+18g] Tina L. Sing, Minnie P. Hung, Shinsuke Ohnuki, Godai Suzuki, Bryan-Joseph San Luis, Melainia McClain, Jay R. Unruh, Zulin Yu, Jiongwen Ou, Jesse Marshall-Sheppard, Won-Ki Huh, Michael Costanzo, Charles Boone, Yoshikazu Ohya, Sue L. Jaspersen, and Grant W. Brown. The budding yeast RSC complex maintains ploidy by promoting spindle pole body insertion. *Journal of Cell Biology*, 217(7):2445–??, July 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/7/2445.

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[SHR17] Jean A. Smith, Allison E. Hall, and Mark D. Rose. Membrane curvature directs the localization of Cdc42p to novel foci required for cell–cell fusion. *Journal of Cell Biology*, 216(12):3971–??, December 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/12/3971.

Spiess:2018:AII

[SHVO+18] Matthias Spiess, Pablo Hernandez-Varas, Anna Oddone, Helene Olofsson, Hans Blom, Dominic Waithe, John G. Lock, Melike Lakadamyali, and Staffan Strömblad. Active and inactive $\beta 1$ integrins segregate into distinct nanoclusters in focal adhesions. *Journal of Cell Biology*, 217(6):1929–??, June 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/6/1929.

Saunders:2017:TCT

[SHW+17] Cosmo A. Saunders, Nathan J. Harris, Patrick T. Willey, Brian M. Woolums, Yuexia Wang, Alex J. McQuown, Amy Schoenhofen, Howard J. Worman, William T. Dauer, Gregg G. Gundersen, and G. W. Gant Luxton. TorsinA controls TAN line assembly and the retrograde flow of dorsal perinuclear actin cables during rearward nuclear movement. *Journal of Cell Biology*, 216(3):657–??, March 2017. CODEN JCLBA3. ISSN

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Selyunin:2017:GWS

[SIBM17] Andrey S. Selyunin, Lakesla R. Iles, Geoffrey Bartholomeusz, and Somshuvra Mukhopadhyay. Genome-wide siRNA screen identifies UNC50 as a regulator of Shiga toxin 2 trafficking. *Journal of Cell Biology*, 216(10):3249–??, October 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/10/3249.

Shigematsu:2018:SIM

[SID+18] Hideki Shigematsu, Tsuyoshi Imasaki, Chihiro Doki, Takuya Sumi, Mari Aoki, Tomomi Uchikubo-Kamo, Ayako Sakamoto, Kiyotaka Tokuraku, Mikako Shirouzu, and Ryo Nitta. Structural insight into microtubule stabilization and kinesin inhibition by Tau family MAPs. *Journal of Cell Biology*, 217(12):4155–??, December 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/12/4155.

Siletti:2016:AML

[Sil16a] Kimberly Siletti. Ana-Maria Lennon-Duménil: a dynamic career. *Journal of Cell Biology*, 215(1):2–??, October 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/1/2.

Siletti:2016:RGP

[Sil16b] Kimberly Siletti. Rusty Gage: a plastic approach to neuroscience. *Journal of Cell Biology*, 215(6):750–??, December 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/6/750.

Siletti:2017:RMM

[Sil17] Kimberly Siletti. Roop Mallik: From machines to molecular motors. *Journal of Cell Biology*, 216(4):852–??, April 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/4/852.

Scharaw:2016:ETR

[SIO+16] Sandra Scharaw, Murat Iskar, Alessandro Ori, Gaelle Boncompain, Vibor Laketa, Ina Poser, Emma Lundberg, Franck

Perez, Martin Beck, Peer Bork, and Rainer Pepperkok. The endosomal transcriptional regulator RNF11 integrates degradation and transport of EGFR. *Journal of Cell Biology*, 215(4): 543–??, November 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/215/4/543`.

Sobajima:2018:RBP

[SiYM+18] Tomoaki Sobajima, Shin ichiro Yoshimura, Tomomi Maeda, Haruhiko Miyata, Eiji Miyoshi, and Akihiro Harada. The Rab11-binding protein RELCH/KIAA1468 controls intracellular cholesterol distribution. *Journal of Cell Biology*, 217 (5):1777–??, May 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/5/1777`.

Silva:2016:ULI

[SJ16] Nicola Silva and Verena Jantsch. UNC-84: "LINC-ing" chromosome movement and double strand break repair. *Journal of Cell Biology*, 215(6):753–??, December 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/215/6/753`.

Sawyer:2019:DRO

[SJJ+19] Eric M. Sawyer, Pallavi R. Joshi, Victoria Jorgensen, Julius Yunus, Luke E. Berchowitz, and Elçin Ünal. Developmental regulation of an organelle tether coordinates mitochondrial remodeling in meiosis. *Journal of Cell Biology*, 218(2):559–??, February 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/2/559`.

Subramanian:2019:CQB

[SJL+19] Kelly Subramanian, Adam Jochem, Maxence Le Vasseur, Samantha Lewis, Brett R. Paulson, Thiruchelvi R. Reddy, Jason D. Russell, Joshua J. Coon, David J. Pagliarini, and Jodi Nunnari. Coenzyme Q biosynthetic proteins assemble in a substrate-dependent manner into domains at ER–mitochondria contacts. *Journal of Cell Biology*, 218(4):1353–??, April 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/4/1353`.

Sharir:2016:WDD

[SK16a] Amnon Sharir and Ophir D. Klein. Watching a deep dive: Live imaging provides lessons about tooth invagination. *Journal of Cell Biology*, 214(6):645–??, September 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/214/6/645.

Sharma:2016:CBI

[SK16b] Deepika Sharma and Thirumala-Devi Kanneganti. The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation. *Journal of Cell Biology*, 213(6):617–??, June 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/6/617.

Sivakumar:2018:TRC

[SK18a] Aravind Sivakumar and Natasza A. Kurpios. Transcriptional regulation of cell shape during organ morphogenesis. *Journal of Cell Biology*, 217(9):2987–??, September 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/9/2987.

Steffen:2018:MCA

[SK18b] Janos Steffen and Carla M. Koehler. ER-mitochondria contacts: Actin dynamics at the ER control mitochondrial fission via calcium release. *Journal of Cell Biology*, 217(1):15–??, January 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/1/15.

Shimi:2019:MOY

[SK19] Takeshi Shimi and Hiroshi Kimura. A mosaic of old and young nucleoporins. *Journal of Cell Biology*, 218(2):385–??, February 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/2/385.

Smoyer:2016:AMP

[SKG+16] Christine J. Smoyer, Santharam S. Katta, Jennifer M. Gardner, Lynn Stoltz, Scott McCroskey, William D. Bradford, Melainia McClain, Sarah E. Smith, Brian D. Slaughter, Jay R. Unruh, and Sue L. Jaspersen. Analysis of membrane proteins localizing to the inner nuclear envelope in living cells. *Journal of Cell Biology*, 215(4):575–??, November 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/4/575.

Sidoli:2017:WPN

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[TMFR+19] Crystal A. Tonnessen-Murray, Wesley D. Frey, Sonia G. Rao, Ashkan Shahbandi, Nathan A. Ungerleider, Joy O. Olayiwola, Lucas B. Murray, Benjamin T. Vinson, Douglas B. Chrisey, Christopher J. Lord, and James G. Jackson. Chemotherapy-induced senescent cancer cells engulf other cells to enhance their survival. *Journal of Cell Biology*, 218(11):3827–??, November 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/11/3827.

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[TMK18] Victoria L. Tokarz, Patrick E. MacDonald, and Amira Klip. The cell biology of systemic insulin function. *Journal of Cell Biology*, 217(7):2273–??, July 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/7/2273.

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[TNK18] Giorgos Tsoumpekos, Linda Nemetschke, and Elisabeth Knust. Drosophila Big bang regulates the apical cytocortex and wing growth through junctional tension. *Journal of Cell Biology*, 217 (3):1033–??, March 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/3/1033.

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[TNP+15] Nicolas Tavernier, Anna Noatynska, Costanza Panbianco, Lisa Martino, Lucie Van Hove, Françoise Schwager, Thibaut Léger, Monica Gotta, and Lionel Pintard. Cdk1 phosphorylates SPAT-1/Bora to trigger PLK-1 activation and drive mitotic entry in *C. elegans* embryos. *Journal of Cell Biology*, 208(6):661–??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/208/6/661.

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[Too18] Sharon A. Tooze. SNAREing an ARP requires a LIR. *Journal of Cell Biology*, 217(3):803–??, March 2018. CODEN JCLBA3.

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Trainees:2018:GBP

[Tra18] Blobel Laboratory Trainees. Günter Blobel: Pioneer of molecular cell biology (1936–2018). *Journal of Cell Biology*, 217 (4):1163–??, April 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/4/1163.

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[TRM+16] Benjamin L. Timney, Barak Raveh, Roxana Mironska, Jill M. Trivedi, Seung Joong Kim, Daniel Russel, Susan R. Wente, Andrej Sali, and Michael P. Rout. Simple rules for passive diffusion through the nuclear pore complex. *Journal of Cell Biology*, 215(1):57–??, October 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/1/57.

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[TS15a] Barry J. Thompson and Erik Sahai. MST kinases in development and disease. *Journal of Cell Biology*, 210(6):871–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/6/871.

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[TS15b] Michael Thumm and Mikael Simons. Myelinophagy: Schwann cells dine in. *Journal of Cell Biology*, 210(1):9–??, July 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/210/1/9.

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[TSB+18] Stéphanie Torrino, Wei-Wei Shen, Cédric M. Blouin, Satish Kailasam Mani, Christine Viaris de Lesegno, Pierre Bost, Alexandre Grassart, Darius Köster, Cesar Augusto Valades-Cruz, Valérie Chambon, Ludger Johannes, Paolo Pierobon, Vassili Soumelis, Catherine Coirault, Stéphane Vassilopoulos, and Christophe Lamaze. EHD2 is a mechanotransducer connecting caveolae dynamics with gene transcription. *Journal of Cell Biology*, 217(12):4092–??, December 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/12/4092.

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[TSFP+15] Anastasia Tsaalbi-Shtylik, Cristina Ferrás, Bea Pauw, Giel Hendriks, Piya Temviriyanukul, Leone Carlée, Fabienne Calléja, Sandrine van Hees, Jun-Ichi Akagi, Shigenori Iwai, Fumio Hanaoka, Jacob G. Jansen, and Niels de Wind. Excision of translesion synthesis errors orchestrates responses to helix-distorting DNA lesions. *Journal of Cell Biology*, 209(1):33–??, April 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/209/1/33`.

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[TSJ+15] Aiguo Tian, Qing Shi, Alice Jiang, Shuangxi Li, Bing Wang, and Jin Jiang. Injury-stimulated Hedgehog signaling promotes regenerative proliferation of *Drosophila* intestinal stem cells. *Journal of Cell Biology*, 208(6):807–??, March 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/208/6/807`.

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[TSK+18] Yuichi Tsuchiya, Michiko Saito, Hiroshi Kadokura, Jun ichi Miyazaki, Fumi Tashiro, Yusuke Imagawa, Takao Iwawaki, and Kenji Kohno. IRE1–XBP1 pathway regulates oxidative proinsulin folding in pancreatic β cells. *Journal of Cell Biology*, 217 (4):1287–??, April 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/4/1287`. See correction [TSK+19].

Tsuchiya:2019:CIX

[TSK+19] Yuichi Tsuchiya, Michiko Saito, Hiroshi Kadokura, Jun ichi Miyazaki, Fumi Tashiro, Yusuke Imagawa, Takao Iwawaki, and Kenji Kohno. Correction: IRE1–XBP1 pathway regulates oxidative proinsulin folding in pancreatic β cells. *Journal of Cell Biology*, 218(5):1764–??, May 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/5/1764`. See [TSK+18].

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[TST+17] Kenichiro Taniguchi, Yue Shao, Ryan F. Townshend, Chari L. Cortez, Clair E. Harris, Sasha Meshinchi, Sundeep Kalantry, Jianping Fu, K. Sue O'Shea, and Deborah L. Gumucio. An apicosome initiates self-organizing morphogenesis of human pluripotent stem cells. *Journal of Cell Biology*, 216(12):3981–??, December 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/12/3981.

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[TT19] Hélène Tourrière and Jamal Tazi. Reply to "Phosphorylation of G3BP1-S149 does not influence stress granule assembly". *Journal of Cell Biology*, 218(7):2433–??, July 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/218/7/2433. See [PKS+19].

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[TTC+16] Deirdre C. Tatomer, Esteban Terzo, Kaitlin P. Curry, Harmony Salzler, Ivan Sabath, Grzegorz Zapotoczny, Daniel J. McKay, Zbigniew Dominski, William F. Marzluff, and Robert J. Duronio. Concentrating pre-mRNA processing factors in the histone locus body facilitates efficient histone mRNA biogenesis. *Journal of Cell Biology*, 213(5):557–??, June 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/213/5/557.

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[TTU+17] Taiichi Tsuyama, Asako Tsubouchi, Tadao Usui, Hiromi Imamura, and Tadashi Uemura. Mitochondrial dysfunction induces dendritic loss via eIF2α phosphorylation. *Journal of Cell Biology*, 216(3):815–??, March 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/3/815.

Tiscione:2019:DAM

[TVG+19] Scott A. Tiscione, Oscar Vivas, Kenneth S. Ginsburg, Donald M. Bers, Daniel S. Ory, Luis F. Santana, Rose E. Dixon, and Eamonn J. Dickson. Disease-associated mutations in Niemann–Pick type C1 alter ER calcium signaling and neuronal plasticity. *Journal of Cell Biology*, 218(12):4141–4156, December 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL https://rupress.org/jcb/article/218/12/4141/132543/Disease-associated-mutations-in-Niemann-Pick-type.

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[TWD+17] Aaron R. Tipton, Jonathan D. Wren, John R. Daum, Joseph C. Siefert, and Gary J. Gorbsky. GTSE1 regulates spindle microtubule dynamics to control Aurora B kinase and Kif4A chromokinesin on chromosome arms. *Journal of Cell Biology*, 216(10):3117–??, October 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/10/3117`.

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[TY16] Jessica L. Teo and Alpha S. Yap. Cycling Rho for tissue contraction. *Journal of Cell Biology*, 214(5):495–??, August 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/214/5/495`.

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[TYD+15] Dustin G. Thomas, Aishwarya Yenepalli, Celine Marie Denais, Andrew Rape, Jordan R. Beach, Yu li Wang, William P. Schiemann, Harihara Baskaran, Jan Lammerding, and Thomas T. Egelhoff. Non-muscle myosin IIB is critical for nuclear translocation during 3D invasion. *Journal of Cell Biology*, 210(4): 583–??, August 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/210/4/583`.

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[TYK19] Daisuke Takao, Shohei Yamamoto, and Daiju Kitagawa. A theory of centriole duplication based on self-organized spatial pattern formation. *Journal of Cell Biology*, 218(11):3537–??, November 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/11/3537`.

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[TZC+15] Daniela Tosoni, Silvia Zecchini, Marco Coazzoli, Ivan Colaluca, Giovanni Mazzarol, Alicia Rubio, Michele Caccia, Emanuele Villa, Olav Zilian, Pier Paolo Di Fiore, and Salvatore Pece. The Numb/p53 circuitry couples replicative self-renewal and tumor suppression in mammary epithelial cells. *Journal of Cell Biology*, 211(4):845–??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/211/4/845`.

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[UBBSM15] Rosa A. Uribe, Ailín L. Buzzi, Marianne E. Bronner, and Pablo H. Strobl-Mazzulla. Histone demethylase KDM4B regulates otic vesicle invagination via epigenetic control of Dlx3 expression. *Journal of Cell Biology*, 211(4):815–??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/211/4/815`.

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[UBR+17] Vasja Urbančič, Richard Butler, Benjamin Richier, Manuel Peter, Julia Mason, Frederick J. Livesey, Christine E. Holt, and Jennifer L. Gallop. Filopodyan: an open-source pipeline for the analysis of filopodia. *Journal of Cell Biology*, 216(10):3405–??, October 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/10/3405`.

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[UDH+16] Vaclav Urban, Jana Dobrovolna, Daniela Hühn, Jana Fryzelkova, Jiri Bartek, and Pavel Janscak. RECQ5 helicase promotes resolution of conflicts between replication and transcription in human cells. *Journal of Cell Biology*, 214(4):401–??, August 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/214/4/401`.

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[UFT+15] Seiichi Uchimura, Takashi Fujii, Hiroko Takazaki, Rie Ayukawa, Yosuke Nishikawa, Itsushi Minoura, You Hachikubo, Genji Kurisu, Kazuo Sutoh, Takahide Kon, Keiichi Namba, and Etsuko Muto. A flipped ion pair at the dynein–microtubule interface is critical for dynein motility and ATPase activation. *Journal of Cell Biology*, 208(2):211–??, January 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/208/2/211`.

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[UGG18] Fabio L. Urbina, Shawn M. Gomez, and Stephanie L. Gupton. Spatiotemporal organization of exocytosis emerges during neuronal shape change. *Journal of Cell Biology*, 217(3):1113–??, March 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-

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[UGHB+16] Bryne Ulmschneider, Bree K. Grillo-Hill, Marimar Benitez, Dinara R. Azimova, Diane L. Barber, and Todd G. Nystul. Increased intracellular pH is necessary for adult epithelial and embryonic stem cell differentiation. *Journal of Cell Biology*, 215 (3):345–??, November 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/215/3/345.

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[UKHK15] Rosemarie Ungricht, Michael Klann, Peter Horvath, and Ulrike Kutay. Diffusion and retention are major determinants of protein targeting to the inner nuclear membrane. *Journal of Cell Biology*, 209(5):687–??, June 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/209/5/687.

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[UMC+15] Pranav Ullal, Nathan A. McDonald, Jun-Song Chen, Libera Lo Presti, Rachel H. Roberts-Galbraith, Kathleen L. Gould, and Sophie G. Martin. The DYRK-family kinase Pom1 phosphorylates the F–BAR protein Cdc15 to prevent division at cell poles. *Journal of Cell Biology*, 211(3):653–??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/3/653.

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[UMC+17] Pranav Ullal, Nathan A. McDonald, Jun-Song Chen, Libera Lo Presti, Rachel H. Roberts-Galbraith, Kathleen L. Gould, and Sophie G. Martin. Retraction: The DYRK-family kinase Pom1 phosphorylates the F–BAR Cdc15 to prevent division at cell poles. *Journal of Cell Biology*, 216(3):849–??, March 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/216/3/849.

Uematsu:2016:ARS

[UOT+16] Keiji Uematsu, Fumihiko Okumura, Syunsuke Tonogai, Akiko Joo-Okumura, Dawit Hailu Alemayehu, Akihiko Nishikimi, Yoshinori Fukui, Kunio Nakatsukasa, and Takumi Kamura.

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[VAB+18] Natalia V. Varlakhanova, Frances J. D. Alvarez, Tyler M. Brady, Bryan A. Tornabene, Christopher J. Hosford, Joshua S. Chappie, Peijun Zhang, and Marijn G. J. Ford. Structures of the fungal dynamin-related protein Vps1 reveal a unique, open helical architecture. *Journal of Cell Biology*, 217(10):3608–??, October 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/10/3608`.

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[VAKB+18] Anne-Clémence Vion, Silvanus Alt, Alexandra Klaus-Bergmann, Anna Szymborska, Tuyu Zheng, Tijana Perovic, Adel Hammoutene, Marta Bastos Oliveira, Eireen Bartels-Klein, Irene Hollfinger, Pierre-Emmanuel Rautou, Miguel O. Bernabeu, and Holger Gerhardt. Primary cilia sensitize endothelial cells to BMP and prevent excessive vascular regression. *Journal of Cell Biology*, 217(5):1651–??, May 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/5/1651`.

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[Van19] Ludo Van Den Bosch. HDAC6 and Miro1: Another interaction causing trouble in neurons. *Journal of Cell Biology*, 218(6):1769–??, June 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/6/1769`.

Verweij:2018:CQE

[VBJ+18a] Frederik Johannes Verweij, Maarten P. Bebelman, Connie R. Jimenez, Juan J. Garcia-Vallejo, Hans Janssen, Jacques Neefjes, Jaco C. Knol, Richard de Goeij-de Haas, Sander R. Piersma, S. Rubina Baglio, Matthijs Verhage, Jaap M. Middeldorp, Anoek Zomer, Jacco van Rheenen, Marc G. Coppolino, Ilse Hurbain, Graça Raposo, Martine J. Smit, Ruud F. G. Toonen, Guillaume van Niel, and D. Michiel Pegtel. Correction:

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Verweij:2018:QES

[VBJ+18b] Frederik Johannes Verweij, Maarten P. Bebelman, Connie R. Jimenez, Juan J. Garcia-Vallejo, Hans Janssen, Jacques Neefjes, Jaco C. Knol, Richard de Goeij-de Haas, Sander R. Piersma, S. Rubina Baglio, Matthijs Verhage, Jaap M. Middeldorp, Anoek Zomer, Jacco van Rheenen, Marc G. Coppolino, Ilse Hurbain, Graça Raposo, Martine J. Smit, Ruud F. G. Toonen, Guillaume van Niel, and D. Michiel Pegtel. Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. *Journal of Cell Biology*, 217(3):1129–??, March 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/3/1129`. See correction [VBJ+18a].

Villeneuve:2018:USF

[VBL+18] Julien Villeneuve, Laia Bassaganyas, Sebastien Lepreux, Marioara Chiritoiu, Pierre Costet, Jean Ripoche, Vivek Malhotra, and Randy Schekman. Unconventional secretion of FABP4 by endosomes and secretory lysosomes. *Journal of Cell Biology*, 217(2):649–??, February 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/2/649`.

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[vBMG+15] H.-Christian von Büdingen, Feng Mei, Ariele Greenfield, Sarah Jahn, Yun-An A. Shen, Hugh H. Reid, David D. McKemy, and Jonah R. Chan. The myelin oligodendrocyte glycoprotein directly binds nerve growth factor to modulate central axon circuitry. *Journal of Cell Biology*, 210(6):891–??, September 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/210/6/891`.

Vandersmissen:2015:EMT

[VCD+15] Ine Vandersmissen, Sander Craps, Maarten Depypere, Giulia Coppiello, Nick van Gastel, Frederik Maes, Geert Carmeliet, Jan Schrooten, Elizabeth A. V. Jones, Lieve Umans, Roland

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vanDrogen:2019:MSI

[vDMR+19] Frank van Drogen, Ranjan Mishra, Fabian Rudolf, Michal J. Walczak, Sung Sik Lee, Wolfgang Reiter, Björn Hegemann, Serge Pelet, Ilse Dohnal, Andres Binolfi, Zinaida Yudina, Philipp Selenko, Gerhard Wider, Gustav Ammerer, and Matthias Peter. Mechanical stress impairs pheromone signaling via Pkc1-mediated regulation of the MAPK scaffold Ste5. *Journal of Cell Biology*, 218(9):3117–??, September 2019. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/218/9/3117`.

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[vdVFM+17] Babet van der Vaart, Josef Fischböck, Christine Mieck, Peter Pichler, Karl Mechtler, René H. Medema, and Stefan Westermann. TORC1 signaling exerts spatial control over microtubule dynamics by promoting nuclear export of Stu2. *Journal of Cell Biology*, 216(11):3471–??, November 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/11/3471`.

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[Ver16] Marie-Hélène Verlhac. Mother centrioles are kicked out so that starfish zygote can grow. *Journal of Cell Biology*, 212(7):759–??, March 2016. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/212/7/759`.

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[Ver18] Marie-Hélène Verlhac. An actin shell delays oocyte chromosome capture by microtubules. *Journal of Cell Biology*, 217(8):2601–??, August 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/8/2601`.

Volkov:2015:CPF

[VGA+15] Vladimir A. Volkov, Paula M. Grissom, Vladimir K. Arzhanik, Anatoly V. Zaytsev, Kutralanathan Renganathan, Tristan McClure-Begley, William M. Old, Natalie Ahn, and J. Richard McIntosh. Centromere protein F includes two sites that couple efficiently to depolymerizing microtubules. *Journal of Cell Biology*, 209(6):813–??, June 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/209/6/813`.

Vos:2017:CPE

[VGB+17] Melissa Vos, Ann Geens, Claudia Böhm, Liesbeth Deaulmerie, Jef Swerts, Matteo Rossi, Katleen Craessaerts, Elvira P. Leites, Philip Seibler, Aleksandar Rakovic, Thora Lohnau, Bart De Strooper, Sarah-Maria Fendt, Vanessa A. Morais, Christine Klein, and Patrik Verstreken. Cardiolipin promotes electron transport between ubiquinone and complex I to rescue PINK1 deficiency. *Journal of Cell Biology*, 216(3):695–??, March 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/3/695`.

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[vGWC+18] Peter A. C. van Gisbergen, Shu-Zon Wu, Mingqin Chang, Kelli A. Pattavina, Madelaine E. Bartlett, and Magdalena Bezanilla. An ancient Sec10–formin fusion provides insights into actin-mediated regulation of exocytosis. *Journal of Cell Biology*, 217(3):945–??, March 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/217/3/945`.

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[VGY+17] Vanya Vasileva, Marek Gierlinski, Zuojun Yue, Nicola O'Reilly, Etsushi Kitamura, and Tomoyuki U. Tanaka. Molecular mechanisms facilitating the initial kinetochore encounter with spindle microtubules. *Journal of Cell Biology*, 216(6):1609–??, June 2017. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/216/6/1609`.

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[VHB18] Diana Vargas-Hurtado and Renata Basto. When E-cadherin is away, centrosomes can play. *Journal of Cell Biology*, 217

(1):11–??, January 2018. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/217/1/11.

vanHelden:2015:TNC

[vHGD+15] Mary J. van Helden, Steven Goossens, Cécile Daussy, Anne-Laure Mathieu, Fabrice Faure, Antoine Marçais, Niels Vandamme, Natalie Farla, Katia Mayol, Sébastien Viel, Sophie Degouve, Emilie Debien, Eve Seuntjens, Andrea Conidi, Julie Chaix, Philippe Mangeot, Simon de Bernard, Laurent Buffat, Jody Haigh, Danny Huylebroeck, Bart N. Lambrecht, Geert Berx, and Thierry Walzer. Terminal NK cell maturation is controlled by concerted actions of T-bet and Zeb2 and is essential for melanoma rejection. *Journal of Cell Biology*, 211 (3):??, November 2015. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/211/3/2113OIA260.

Vogel:2015:CSA

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