

Address:

MCD Biology, University of Colorado, Boulder, Colorado 80309-0347
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Email: odorizzi@colorado.edu

Education:

Texas Tech University, B.S., Biology, 1991
University of California, San Diego, Ph.D., Biology, 1996

Research & Professional Experience:

1991-96: Graduate Student with Dr. Ian Trowbridge, The Salk Institute, San Diego, California
1996-2000: Postdoc with Dr. Scott Emr, University of California, San Diego
2000-07: Assistant Professor, MCD Biology, University of Colorado, Boulder
2007-17: Associate Professor, MCD Biology, University of Colorado, Boulder
2017-present: Professor, MCD Biology, University of Colorado, Boulder

Academic Honors:

1991: Highest Ranking Graduate, College of Arts & Sciences, Texas Tech University
1994-96: Chapman Charitable Trust Graduate Research Fellowship, The Salk Institute
1997-2000: Postdoctoral Fellowship, American Cancer Society
2003-06: Arnold & Mabel Beckman Foundation Young Investigator Award

Research Grant Support:

Current:

1. Agency: NIH/NIGMS
Grant Number: 1R01GM111335-04
Title: Regulation of ESCRT-III Activity in Yeast
Role: PI
Duration: 09/01/14-08/31/18 (no-cost extension through 08/31/19)
Annual direct costs: \$209,000 (FY 2017-18)

Pending:

1. Agency: NIH/NIGMS
Grant Number: 1R01GM111335-05A1
Title: Regulation of ESCRT-III Activity in Yeast
Role: PI
Duration: 04/01/19-03/31/23
Annual direct costs requested: \$250,000
2. Agency: NIH/NIGMS
Grant Number: 1R01GM130644-01A1
Title: Mechanisms of AP-3 function in vesicle formation and Golgi maturation
Role: co-PI (PI: Alex Merz, Univ. of Washington-Seattle)
Duration: 07/01/19-06/30/23
Annual direct costs requested to Odorizzi: \$161,600

Greg Odorizzi CV

Research Grant Support (continued):

Past:

1. Agency: American Cancer Society
Grant Number: RSG-02-147-01-CSM
Title: MVB vesicle budding
Role: PI
Duration: 07/01/02-06/30/07
Annual Direct Costs: \$200,000
2. Agency: Beckman Foundation
Grant Number: N/A (Young Investigator Award)
Title: Structural & Biochemical Dissection of MVB Vesicle Formation
Role: PI
Duration: 09/01/03-08/31/07
Total Direct Costs: \$250,000
3. Agency: NIH/NIGMS
Grant Number: 5R01GM065505-09
Title: Molecular analysis of multivesicular body formation
Role: PI
Duration: 04/01/02-08/31/14
Annual direct costs: \$196,020 (FY 2013-14)
4. Agency: NIH/NIGMS
Number: 3R01GM065505-09S1 (ARRA-funded Supplement to 5R01GM065505-09)
Title: Molecular analysis of multivesicular body formation
Role: PI
Duration: 09/30/09-08/31/11
Total direct costs: \$173,935
5. Agency: NIH/NINDS
Grant Number: 5R03NS076839-02
Title: Mechanistic basis for endosomal dysfunction in frontotemporal dementia linked to chromosome 3
Role: PI
Duration: 09/01/11-08/31/14
Total direct costs: \$100,000

Teaching Experience:

Non-Classroom Teaching:

1. Mentor for Undergraduate Research Students (* denotes Honors Thesis): David Mellman (2001), Axel Laurer (2001), Drew Goldberg (2001), Sarah Altschuler (2002), Johanna Weigert (2002-03), Doug Burch (2003-04), Jeff Kimes (2003-04), Kristy Freeman (2003-04), Hunter Moore* (2004-05), Caitlin White-Root (2004-07), Sabina Abke (2004-05), Derek Hagood (2005), Alisa Yamasaki (2005), Michael Kaempf (2006), Justin Hiezer (2006-07), Nicole Stutzman (2006-07), Sara Smedra (2006-07), Marty Guess (2007-08), Katie Flynn (2007), Tim Hall (2007-08), Jonathan Troncoso (2007-08), Matt Miller (2008), Ashley Grimaldi (2008-10), Jill Terry (2008-10), Amy Lassen (2008-10), Ian Smith* (2009-11), David Seghetti-Hebble (2009-10), Niles Sulkkko* (2010-13), Christine Crotzer (2010-13), Dustin Chernick* (2010-12), Kate Jendersee (2011), Colin Hanson (2012-13), Paige Radtke (2012-15), Troy

Greg Odorizzi CV

Teaching Experience (continued):

Non-Classroom Teaching (continued):

- Coody (2013-2016), Joshua Ivie (2014-15), Elisabeth Murphy (2016-present), Chengrui Qui (2017-present), Mukda Chabairum (2018-present)
- Principal Dissertation Advisor for Ph.D. Students: Matthew McNatt (2002-07), Daniel Nickerson (2003-08), Caleb Richter (2004-09), Megan Wemmer (2005-11), Tess Shideler (2008-13), Natalie Johnson (2011-2016), Zachary Wilson (2013-2018), Dalton Buysse (2015-present)
 - Principal Thesis Advisor for M.S. Students: Julie Weidner (2005-07)
 - Mentor for Postdoctoral Research Associates: Sujatha Sitaraman (2002-05), Marisa Otegui (2003-04), Victoria Kelley (2004-06), Matthew Russell (2005-12)
 - Rotation Advisor for Ph.D. Students: Kellie Hazell, Kelly Geiger (2000); Matthew McNatt (2001); Monica Darland, Liang Zhang, Daniel Nickerson (2002); Caleb Richter, Aaron Donner, Tom Armel (2003); Megan Wemmer, Christopher Wrobel (2004); Julie Weidner, Ryan Henry (2005); Ian Ross, Amber Bilak, Norma Sanchez (2006); Tess Shideler (2007); Kyle Webster (2008); Jonathan Langberg (2009); Natalie Johnson, Audrey Audetat (2010); Christopher Bennett, Amber Sorenson (2011), Alokandanda Mukherjee (2012), Zachary Wilson (2013), Alex Paine (2014), Dalton Buysse (2014), Haoxi Wu (2015), Jessie Bacha (2016), Tuimkan Nishanova (2016), Daniel Ahrens (2018)
 - Member of Dissertation Committee for Ph.D. Students: Jay Parrish (2001-02), Dennis Eastburn (2001-04), Bryon Donohoe (2001-05), Mark Robida (2002-06), Kristina Murphy (2003-05), Dong Kyun Woo (2003-06), Liang Zhang (2004-08), Monica Darland (2004-08), Evan Trudeau (2004-07), Chandra Kilburn (2006-08), Toby Franks (2006-09), Stacy Erickson (2007-09), Katherine Wright (2007-12), Nesia Zurek (2008-11), Amber English (2008-12), Julia Cope (2008-11), Pippa Cospier (2008-11), James Mapes (2009-10), Christopher Wrobel (2009-11), Ian Ross (2009-12), Jonathan Friedman (2009-12), Michael Sfregola (2009-13), Rencheng Wang (2009-14), Eric Davis (2009-15), Sarah McQuate (2011-14), Ashley Rowland (2011-15), Jennifer Avena (2012-14), Amber Sorenson (2012-17), Kevin Gunderson (2013-17), Bridgette Menasche (2013-2018), Melissa Phillips (2013-2018), Haoxi Wu (2017-present), Ishara Datta (2018-present), Jonathan Striepen (2018-present)

Classroom Teaching:

2001(F)	MCDB3120: Cell Biology; Undergraduate Course; 13 lecture hrs; 178 students
2002(S)	MCDB5210: Cell Structure/Function; Graduate Course; 3.75 lecture hrs; 9 students
2002(F)	MCDB3120: Cell Biology; Undergraduate Course; 19 lecture hrs; 167 students
2003(S)	MCDB5210: Cell Structure/Function; Graduate Course; 5 lecture hrs; 15 students
2003(F)	MCDB3120: Cell Biology; Undergraduate Course; 35 lecture hrs; 175 students
2004(S)	MCDB5210: Cell Structure/Function; Graduate Course; 2.5 lecture hrs; 12 students
2004(F)	MCDB3120: Cell Biology; Undergraduate Course; 40 lecture hrs; 209 students
2005(S)	MCDB5210: Cell Structure/Function; Graduate Course; 2.5 lecture hrs; 17 students
2005(F)	MCDB3120: Cell Biology; Undergraduate Course; 45 lecture hrs; 209 students
2006(S)	MCDB5210: Cell Structure/Function; Graduate Course; 4 lecture hrs; 18 students CHEM5801: Adv Signal Transduction; Graduate Course; 2.5 lecture hrs; 20 students
2006(F)	MCDB3120: Cell Biology; Undergraduate Course; 45 lecture hrs; 219 students
2007(S)	MCDB5210: Cell Structure/Function; Graduate Course; 2.5 lecture hrs; 22 students
2007(F)	MCDB3120: Cell Biology; Undergraduate Course; 22 lecture hrs; 241 students
2008(S)	MCDB5210: Cell Structure/Function; Graduate Course; 3.75 lecture hrs; 10 students CHEM5801: Adv Signal Transduction; Graduate Course; 2.5 lecture hrs; 19 students
2008(F)	MCDB3120: Cell Biology; Undergraduate Course; 23 lecture hrs; 215 students MCDB5220: Molecular Genetics; Graduate Course; 22 lecture hrs; 12 students
2009(S)	MCDB5210: Cell Structure/Function; Graduate Course; 3.75 lecture hrs; 11 students
2009(F)	MCDB3120: Cell Biology; Undergraduate Course; 23 lecture hrs; 215 students

Teaching Experience (continued):

Classroom Teaching (continued):

- 2009(F) MCDB5220: Molecular Genetics; Graduate Course; 22 lecture hrs; 14 students
2010(S) MCDB5210: Cell Structure/Function; Graduate Course; 3.75 lecture hrs; 14 students
2011(S) MCDB5210: Cell Structure/Function; Graduate Course; 3.75 lecture hrs; 11 students
MCDB3145: Molecular Cell Biology II; Undergraduate Course; 23 lecture hrs; 178 students
2011(F) MCDB3135: Molecular Cell Biology I; Undergraduate Course; 45 lecture hrs; 240 students
2012(S) MCDB5210: Cell Structure/Function; Graduate Course; 2.5 lecture hrs; 15 students
2012(F) MCDB3135: Molecular Cell Biology I; Undergraduate Course; 45 lecture hrs; 247 students
2013(S) MCDB5210: Cell Structure/Function; Graduate Course; 2.5 lecture hrs; 13 students
2013(F) MCDB3135: Molecular Cell Biology I; Undergraduate Course; 45 lecture hrs; 275 students
2014(S) MCDB5210: Cell Structure/Function; Graduate Course; 2.5 lecture hrs; 10 students
2014(F) MCDB3135: Molecular Cell Biology I; Undergraduate Course; 45 lecture hrs; 209 students
2014(F) MCDB5230: Gene Expression; Graduate Course; 2.5 lecture hrs; 14 students
2016(S) MCDB3135: Molecular Cell Biology I; Undergraduate Course; 18 lecture hrs; 96 students
2017(S) MCDB2150: Principles of Genetics; Undergraduate Course; 45 lecture hrs; 197 students
2017(F) MCDB5230: Gene Expression; Graduate Course; 2.5 lecture hrs; 10 students
2018(S) MCDB2150: Principles of Genetics; Undergraduate Course; 45 lecture hrs; 184 students
CHEM5801: Adv Signal Transduction; Graduate Course; 2.5 lecture hrs; 20 students

Presentations at National Scientific Meetings:

- 2001 Yeast Cell Biology Meeting; Cold Spring Harbor Laboratory, NY (poster)
2002 Gordon Research Conference–Lysosomes & Endocytosis; Proctor Academy, NH (poster)
2003 Beckman Young Investigator Symposium; Beckman Center; Irvine, CA (poster)
Yeast Cell Biology Meeting; Cold Spring Harbor Laboratory, NY (speaker)
2004 Gordon Research Conference–Lysosomes & Endocytosis; Proctor Academy, NH (session chair)
Gordon Research Conference–Lysosomes & Endocytosis; Proctor Academy, NH (poster)
Beckman Young Investigator Symposium; Beckman Center; Irvine, CA (poster)
ASCB annual meeting; Washington, D.C. (poster)
2005 Keystone Symposium–Ubiquitin & Signaling; Taos, NM (speaker)
Gordon Research Conference–Molecular Membrane Biology; Proctor Academy, NH (speaker)
Beckman Young Investigator Symposium; Beckman Center; Irvine, CA (poster)
2006 FASEB Conference–Ubiquitin & Cellular Regulation; Vermont Academy, VT (poster)
Beckman Young Investigator Symposium; Beckman Center; Irvine, CA (speaker)
ASCB annual meeting; San Diego, CA (poster)
2007 Mini-symposium on Membrane Trafficking; University of Utah, UT (speaker)
2008 ASCB annual meeting; San Francisco, CA (Mini-symposium co-chair)
2009 Yeast Cell Biology Meeting; Cold Spring Harbor Laboratory, NY (speaker)
2010 Electron Microscopy Mini-symposium; University of Liverpool, UK (speaker)
ASBMB Special Symposium–Biochemistry & Cell Biology of ESCRTs; Snowbird, UT (speaker)
2015 ASCB annual meeting, San Diego, (Mini-symposium speaker (presented by Natalie Johnson))
2018 ASCB annual meeting, San Diego, (Micro-symposium speaker)

Invited Seminars at Other Institutions:

- 2001 University of Colorado Health Sciences Center
2002 Brandeis University
University of Wyoming
University of California, Santa Cruz

Greg Odorizzi CV

Invited Seminars at Other Institutions (continued):

2004 University of Colorado Health Sciences Center
2006 University of Wisconsin, Madison
University of Denver
2010 University of Colorado Health Sciences Center
2014 Indiana University, Bloomington
2016 University of Georgia, Athens
2018 Colorado State University
2019 University of Wyoming

Service:

MCDB Department:

Academic Program Review Procedures Committee, Member (2003)
Academic Review & Planning Advisory Committee, Member (2011)
COGSA (Committee for Graduate Student Affairs), Member (2004-07; 2011-12), Chair (2007-10)
Comps (Graduate Student Comprehensive Exam) Committee, Member (2004-06)
Curriculum Review Committee, Member (2014-15)
Executive Committee, Member (2007-10; 2017-present)
Faculty Evaluation Committee, Member (2013-15; 2016-17)
Faculty Search Committee, Member (2001-02, 2003-04, 2006-07)
Graduate Admissions, Chair (2012-13)
Junior Faculty Mentoring Committee for Gia Voeltz, Member (2007-12)
Junior Faculty Mentoring Committee for Jingshi Shen, Chair (2008-14)
Junior Faculty Mentoring Committee for Robin Dowell-Dean, Member (2010-16)
Junior Faculty Mentoring Committee for Soyeon Park, Member (2013-2015)
PUEC (Primary Unit Evaluation Committee) for Michael Stowell (2008)
PUEC for Gia Voeltz, Chair (2012)
PUEC for Jingshi Shen (2014)
Retreat Committee, Co-Chair (2003, 2005)
Seminars Committee, Co-Chair (2001-04)
Teaching Evaluation Committee (2017-present)
UGCOM (Committee for Undergraduate Student Affairs), Member (2013-15), Chair (2017-present)

College of Arts & Sciences:

Arts & Sciences Council, Member (2012-15)
Arts & Sciences Council Planning Committee (2013-15; chair 2013-14)
Arts & Sciences Council Executive Committee, Member (2013-15)

University of Colorado:

Radiation Safety Committee, Member (2003-present) and Chair (2014-present)
Vice Chancellor's Advisory Committee, Member (2018-present)

Scientific Community:

American Cancer Society, Cell Structure & Metastasis study section, member (2007-12)
American Cancer Society, Cell Structure & Metastasis study section, Co-Chair (06/2010)
National Institutes of Health, Center for Scientific Review, Study Section Ad Hoc member: Membrane Biology & Protein Processing (03/2010)
Cancer Research UK, Ad-hoc peer reviewer (2006, 2007)
The Wellcome Trust, Ad hoc peer reviewer (2006-07, 2009)

Greg Odorizzi CV

Service (continued):

Scientific Community (continued):

Biotechnology & Biological Sciences Research Council, Ad-hoc peer reviewer (2006-07)

ASCB Women in Cell Biology Committee, Career Discussion & Mentoring Roundtables, Table Leader, 2011 ASCB Annual Meeting, Denver, CO

National Institutes of Health, Center for Scientific Review, Study Section Ad Hoc member: Fellowship – Cell Biology, Developmental Biology, and Bioengineering (07/2014, 03/2015, 11/2015)

National Institutes of Health, Center for Scientific Review, Study Section Ad Hoc member: FZRG1 CB P 40P Program Project on Cell Division (07/2016)

Peer Reviewer for numerous scientific journals

Publications:

1. Odorizzi, C.G., Trowbridge, I.S., Xue, L., Hopkins, C.R., Davis, C.D., & Collawn, J.F. (1994) Sorting signals in the MHC class II invariant chain cytoplasmic tail & transmembrane region determine trafficking to an endocytic processing compartment. *J. Cell Biol.* 126, 317-30.
2. Odorizzi, G., & Trowbridge, I.S. (1994) Recombinant Rous sarcoma virus vectors for avian cells. *Methods Cell Biol.* 43, 79-97.
3. Odorizzi, G., Pearce, A., Domingo, D., Trowbridge, I.S., & Hopkins, C.R. (1996) Apical & basolateral endosomes of MDCK cells are interconnected & contain a polarized sorting mechanism. *J. Cell Biol.* 135, 139-52.
4. Odorizzi, G., & Trowbridge, I.S. (1997) Structural requirements for basolateral sorting of the sorting of the human transferrin receptor in the biosynthetic & endocytic pathways of Madin Darby canine kidney cells. *J. Cell Biol.* 137, 1255-64.
5. Odorizzi, G., & Trowbridge, I.S. (1997) Structural requirements for major histocompatibility complex class II invariant chain trafficking in polarized Madin-Darby canine kidney cells. *J. Biol. Chem.* 272, 11757-62.
6. Cowles, C.R.*, Odorizzi, G.*, Payne, G.S., & Emr, S.D. (1997) The AP-3 adaptor complex is essential for cargo-selective transport to the yeast vacuole. *Cell* 91, 109-18. *co-first authors
7. Gibson, A., Futter, C.E., Maxwell, S., Allchin, E.H., Shipman, M., Kraehenbuhl, J.P., Domingo, D., Odorizzi, G., Trowbridge, I.S., & Hopkins, C.R. (1998) Sorting mechanisms regulating membrane protein traffic in the apical transcytotic pathway of polarized MDCK cells. *J. Cell Biol.* 143, 81-94.
8. Futter, C.E., Gibson, A., Allchin, E.H., Maxwell, S., Ruddock, L.J., Odorizzi, G., Domingo, D., Trowbridge, I.S., & Hopkins, C.R. (1998) In polarized MDCK cells basolateral vesicles arise from clathrin-gamma-adaptin-coated domains on endosomal tubules. *J. Cell Biol.* 141, 611-23.
9. Odorizzi, G., Babst, M., & Emr, S.D. (1998) Fab1p PtdIns(3)P 5-kinase function essential for protein sorting in the multivesicular body. *Cell* 95, 847-58.
10. Odorizzi, G., Cowles, C.R., & Emr, S.D. (1998) The AP-3 complex: a coat of many colours. *Trends Cell Biol.* 8, 282-8.
11. Odorizzi, G., Babst, M., & Emr, S.D. (2000) Phosphoinositide signaling & the regulation of membrane trafficking in yeast. *Trends Biochem. Sci.* 25, 229-35.
12. Babst, M., Odorizzi, G., Estepa, E.J., & Emr, S.D. (2000) Mammalian tumor susceptibility gene 101 (TSG101) & the yeast homologue, Vps23p, both function in late endosomal trafficking. *Traffic* 1, 248-258.
13. Darsow, T., Odorizzi, G., & Emr, S.D. (2000) Invertase fusion proteins for analysis of protein trafficking in yeast. *Methods Enzymol.* 327, 95-106.
14. Katzmann, D.J., Odorizzi, G., & Emr, S.D. (2002) Receptor downregulation & multivesicular-body sorting. *Nat. Rev. Mol. Cell Biol.* 3, 893-905.
15. Odorizzi, G., Katzmann, D.J., Babst, M., Audhya, A., Emr, S.D. (2003) Bro1 is an endosome-associated protein that functions in the MVB pathway in *Saccharomyces cerevisiae*. *J Cell Sci.* 116, 1893-903.

Publications (continued):

16. Luhtala, N., & Odorizzi, G. (2004) Bro1 coordinates deubiquitination in the multivesicular body pathway by recruiting Doa4 to endosomes. *J. Cell Biol.* 166, 717-29.
17. Kim, J., Sitaraman, S., Hierro, A., Beach, B.M., Odorizzi, G., & Hurley, J.H. (2005) Structural basis for endosomal targeting by the Bro1 domain. *Dev. Cell* 8, 937-47.
18. Nickerson, D.P., West, M., & Odorizzi, G. (2006) Did2 coordinates Vps4-mediated dissociation of ESCRT-III from endosomes. *J. Cell Biol.* 175, 715-20.
19. Russell, M.R.G., Nickerson, D.P., & Odorizzi, G. (2006) Molecular mechanisms of late endosome morphology, identity, & sorting. *Curr. Opin. Cell Biol.* 18, 422-28.
20. Odorizzi, G. (2006) The multiple personalities of Alix. *J. Cell Sci.* 19, 3025-32.
21. McNatt, M.W., McKittrick, I.B., West, M., & Odorizzi, G. (2007) Direct association with Rsp5 mediates ubiquitin-independent sorting of Sn3 via the multivesicular body pathway. *Mol. Biol. Cell.* 18, 697-706.
22. Richter, C.M., West, M., & Odorizzi, G. (2007) Dual mechanisms specify Doa4-mediated deubiquitination in the multivesicular body pathway. *EMBO J.* 26, 2454-2464.
23. Haas, T.J., Sliwinski, M.K., Martínez, D.E., Preuss, M., Ueda, T., Nielsen, E., Odorizzi, G., & Otegui, M.S. (2007) The Arabidopsis AAA ATPase SKD1 is involved in multivesicular endosome function & interacts with LIP5. *Plant Cell* 19, 1295-1312.
24. Nickerson, D.P., Russell, M.R.G., & Odorizzi, G. (2007) A concentric circle model of multivesicular body cargo sorting. *EMBO Rep.* 8, 644-650.
25. Odorizzi, G., & Rehling, P. (2009) Membranes & organelles. *Curr. Opin. Cell Biol.* 21:481-83.
26. Nickerson, D.P., West, M., Henry, R., & Odorizzi, G. (2010) Regulators of Vps4 ATPase activity at endosomes differentially influence the size & rate of formation of intraluminal vesicles. *Mol. Biol. Cell* 21:1023-32.
27. Wemmer, M., Azmi, I., West, M., Davies, B., Katzmann, D., & Odorizzi, G. (2011) Bro1 binding to Snf7 regulates ESCRT-III membrane scission activity in yeast. *J. Cell Biol.* 192:295-306.
28. McMurray, M.A., Stefan, C.J., Wemmer, M., Odorizzi, G., Emr, S.D., & Thorner, J. (2011) Genetic interactions with mutations affecting septin assembly reveal ESCRT functions in budding yeast cytokinesis. *Biol. Chem.* 392:699-712.
29. Kallay, L.M., Brett, C.L., Tukaye, D.N., Wemmer, M.A., Chyou, A., Odorizzi, G., & Rao, R. (2011) Endosomal Na⁺(K⁺)/H⁺ exchanger Nhx1/Vps44 functions independently & downstream of multivesicular body formation. *J. Biol. Chem.* 286:44067-77.
30. Hurley, J.H., & Odorizzi, G. (2012) Get on the exosome bus. *Nat. Cell Biol.* 14:654-5.
31. Russell, M.R., Shideler, T., Nickerson, D.P., West, M., & Odorizzi, G. (2012) Class E compartments form in response to ESCRT dysfunction in yeast due to hyperactivity of the Vps21 GTPase. *J. Cell Sci.* 125:5208-20.
32. Richter, C.M., West, M., & Odorizzi, G. (2013) Doa4 function in ILV budding is restricted through its interaction with the Vps20 subunit of ESCRT-III. *J. Cell Sci.* 126:1881-90.
33. Babst, M., & Odorizzi, G. (2013) The balance of protein expression & degradation: an ESCRTs point of view. *Curr. Opin. Cell Biol.* 25:489-94.
34. Chi, R., Liu, J., West, M., Wang, J., Odorizzi, G., & Burd, C.G. (2014) Fission of SNX-BAR-coated endosomal retrograde transport carriers is promoted by the dynamin related protein Vps1. *J. Cell Biol.* 204:793-806.
35. Odorizzi, G. (2014) ESCRTs take on a job in surveillance. *Cell* 159:240-41.
36. Mageswaran, S.K., Johnson, N.K., Odorizzi G.*, & Babst M.* (2015) Constitutively active ESCRT-II suppresses the MVB sorting phenotype of ESCRT-0 or ESCRT-I mutants. *Mol. Biol. Cell* 26:554-68.
*G.O. and M.B. are both corresponding authors
37. Shideler, T., Nickerson, D.P., Merz, A.J., & Odorizzi, G. (2015) Ubiquitin binding by the CUE domain promotes endosomal localization of the Rab5 GEF Vps9. *Mol. Biol. Cell* 26:1345-56.

Greg Odorizzi CV

Publications (continued):

38. Odorizzi, G. (2015) Membrane manipulations by the ESCRT machinery. *F1000Research* 4 (F1000 Faculty Rev):516.
39. Johnson, N., West, M., and Odorizzi, G. (2017) Regulation of yeast ESCRT-III membrane scission activity by the Doa4 ubiquitin hydrolase. *Mol. Biol. Cell*, 28:661-72.
40. Wilson, Z.N., Scott, A.L., Dowell, R.D., and Odorizzi, G. (2018) PI(3,5)P₂ controls vacuole potassium transport to support cellular osmoregulation. *Mol. Biol Cell*, 29:1718-31.
41. Plemel, R., Odorizzi, G., and Merz, A. Genetically encoded multimode reporter of AP-3 traffic in budding yeast. *Submitted*