

# Bernadette C Holdener

## List of Publications by Year in descending order

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18  
papers

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#	ARTICLE	IF	CITATIONS
1	O-fucosylation of thrombospondin type 1 repeats is essential for ECM remodeling and signaling during bone development. <i>Matrix Biology</i> , 2022, 107, 77-96.	3.6	8
2	Hydrocephalus in mouse <i>B3glct</i> mutants is likely caused by defects in multiple B3GLCT substrates in ependymal cells and subcommissural organ. <i>Glycobiology</i> , 2021, 31, 988-1004.	2.5	7
3	Role of <i>O</i> -linked glucose-fucose disaccharide modification of thrombospondin type I repeats in protein folding and embryo development. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
4	O-Fucosylation of ADAMTSL2 is required for secretion and is impacted by geleophysic dysplasia-causing mutations. <i>Journal of Biological Chemistry</i> , 2020, 295, 15742-15753.	3.4	15
5	ADAMTS9 and ADAMTS20 are differentially affected by loss of B3GLCT in mouse model of Peters plus syndrome. <i>Human Molecular Genetics</i> , 2019, 28, 4053-4066.	2.9	23
6	Protein O-fucosylation: structure and function. <i>Current Opinion in Structural Biology</i> , 2019, 56, 78-86.	5.7	104
7	Conditional knockout mice for the distal appendage protein CEP164 reveal its essential roles in airway multiciliated cell differentiation. <i>PLoS Genetics</i> , 2017, 13, e1007128.	3.5	57
8	Genetic and biochemical evidence that gastrulation defects in <i>Pofut2</i> mutants result from defects in ADAMTS9 secretion. <i>Developmental Biology</i> , 2016, 416, 111-122.	2.0	39
9	Development of a Conditional <i>Mesd</i> (Mesoderm Development) Allele for Functional Analysis of the Low-Density Lipoprotein Receptor-Related Family in Defined Tissues. <i>PLoS ONE</i> , 2013, 8, e75782.	2.5	1
10	The Structure of MESD45â€‘184 Brings Light into the Mechanism of LDLR Family Folding. <i>Structure</i> , 2011, 19, 337-348.	3.3	8
11	MESD is essential for apical localization of megalin/LRP2 in the visceral endoderm. <i>Developmental Dynamics</i> , 2011, 240, 577-588.	1.8	16
12	O-fucosylation of thrombospondin type 1 repeats restricts epithelial to mesenchymal transition (EMT) and maintains epiblast pluripotency during mouse gastrulation. <i>Developmental Biology</i> , 2010, 346, 25-38.	2.0	72
13	<i>Mesd</i> Encodes an LRP5/6 Chaperone Essential for Specification of Mouse Embryonic Polarity. <i>Cell</i> , 2003, 112, 355-367.	28.9	228
14	Identification of Mesoderm Development ( <i>mesd</i> ) Candidate Genes by Comparative Mapping and Genome Sequence Analysis. <i>Genomics</i> , 2001, 72, 88-98.	2.9	17
15	Physical Localization of the Mesoderm Development ( <i>mesd</i> ) Functional Region. <i>Genomics</i> , 2000, 68, 322-329.	2.9	5
16	Mouse Chromosome 7. <i>Mammalian Genome</i> , 1999, 10, 947-947.	2.2	1
17	Mouse chromosome 7. <i>Mammalian Genome</i> , 1998, 8, S136-S159.	2.2	4
18	Mouse chromosome 7. <i>Mammalian Genome</i> , 1997, 7, S121-S142.	2.2	2