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Dual mechanisms for shedding of the cellular prion protein

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#	Paper	IF	Citations
113	Compartmentalization of prion isoforms within the reproductive tract of the ram. 2004 , 71, 993-1001		54
112	Zinc metalloproteinase-mediated cleavage of the human Nogo-66 receptor. 2004 , 117, 4591-602		36
111	Proteases and Prion Diseases. 2005 , 179-202		
110	Roles of proteolysis and lipid rafts in the processing of the amyloid precursor protein and prion protein. 2005 , 33, 335-8		94
109	Secretion of cryptococcal phospholipase B1 (PLB1) is regulated by a glycosylphosphatidylinositol (GPI) anchor. 2005 , 389, 803-12		61
108	The epididymal soluble prion protein forms a high-molecular-mass complex in association with hydrophobic proteins. 2005 , 392, 211-9		31
107	Shedding light on ADAM metalloproteinases. 2005 , 30, 413-22		363
106	Tumor necrosis factor-alpha convertase (ADAM17) mediates regulated ectodomain shedding of the severe-acute respiratory syndrome-coronavirus (SARS-CoV) receptor, angiotensin-converting enzyme-2 (ACE2). <i>Journal of Biological Chemistry</i> , 2005 , 280, 30113-9	5.4	467
105	Interaction of hemojuvelin with neogenin results in iron accumulation in human embryonic kidney 293 cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 33885-94	5.4	115
104	Angiotensin-converting enzyme as a GPlase: a critical reevaluation. 2005 , 11, 1139-40		26
103	Spatial segregation of gamma-secretase and substrates in distinct membrane domains. <i>Journal of Biological Chemistry</i> , 2005 , 280, 25892-900	5.4	179
102	Assigning functions to distinct regions of the N-terminus of the prion protein that are involved in its copper-stimulated, clathrin-dependent endocytosis. 2005 , 118, 5141-53		131
101	Reactive oxygen species-mediated beta-cleavage of the prion protein in the cellular response to oxidative stress. <i>Journal of Biological Chemistry</i> , 2005 , 280, 35914-21	5.4	125
100	Approaches to therapy of prion diseases. 2005 , 56, 321-44		73
99	Copper binding is the governing determinant of prion protein turnover. 2005 , 30, 186-96		43
98	Ectodomain shedding of human Nogo-66 receptor homologue-1 by zinc metalloproteinases. 2005 , 327, 112-6		10
97	Nitric oxide induces prion protein via MEK and p38 MAPK signaling. 2005 , 333, 95-100		19

96	Conformational change in full-length mouse prion: a site-directed spin-labeling study. 2005 , 335, 785-92		12
95	Proteolytic processing of the ovine prion protein in cell cultures. 2005 , 337, 232-40		18
94	Extracellular copper ions regulate cellular prion protein (PrPC) expression and metabolism in neuronal cells. 2005 , 579, 741-4		20
93	The prion protein and lipid rafts. 2006 , 23, 89-99		214
92	Effect of copper and manganese on the de novo generation of protease-resistant prion protein in yeast cells. 2006 , 45, 6674-80		30
91	Intracellular accumulation of a 46 kDa species of mouse prion protein as a result of loss of glycosylation in cultured mammalian cells. 2006 , 349, 153-61		5
90	Anterograde axonal transport of the exogenous cellular isoform of prion protein in the chick visual system. 2006 , 31, 97-108		11
89	Proteolytic cleavage and shedding of the bovine prion protein in two cell culture systems. 2006 , 115, 43-55		19
88	Removal of the glycosylphosphatidylinositol anchor from PrP(Sc) by cathepsin D does not reduce prion infectivity. 2006 , 395, 443-8		20
87	Ovine plasma prion protein levels show genotypic variation detected by C-terminal epitopes not exposed in cell-surface PrPC. 2006 , 400, 349-58		15
86	Delineating common molecular mechanisms in Alzheimer β and prion diseases. 2006 , 31, 465-72		94
85	Aberrant receptor-mediated endocytosis of <i>Schistosoma mansoni</i> glycoproteins on host lipoproteins. 2006 , 3, e253		20
84	Growth factor induction of Cripto-1 shedding by glycosylphosphatidylinositol-phospholipase D and enhancement of endothelial cell migration. <i>Journal of Biological Chemistry</i> , 2007 , 282, 31643-55	5-4	50
83	Characterization of the properties and trafficking of an anchorless form of the prion protein. <i>Journal of Biological Chemistry</i> , 2007 , 282, 22747-56	5-4	30
82	Chapter 10 Prions. 2007 , 30, 239-264		
81	Evidence that inhibition of hemojuvelin shedding in response to iron is mediated through neogenin. <i>Journal of Biological Chemistry</i> , 2007 , 282, 12547-56	5-4	99
80	Cellular prion protein regulates beta-secretase cleavage of the Alzheimer β amyloid precursor protein. 2007 , 104, 11062-7		217
79	Cyclodextrins inhibit replication of scrapie prion protein in cell culture. 2007 , 81, 11195-207		37

78	Role of lipid rafts in the processing of the pathogenic prion and Alzheimer β amyloid-beta proteins. 2007 , 18, 638-48	43
77	Cellular prion protein in ovine milk. 2007 , 353, 195-9	8
76	Anterograde axonal transport of chicken cellular prion protein (PrP _C) in vivo requires its N-terminal part. 2007 , 85, 2567-79	7
75	The CNS glycoprotein Shadoo has PrP(C)-like protective properties and displays reduced levels in prion infections. 2007 , 26, 4038-50	104
74	Reorganization of prion protein membrane environment during low potassium-induced apoptosis in primary rat cerebellar neurons. 2007 , 103, 1954-67	12
73	Malignant ascites-derived exosomes of ovarian carcinoma patients contain CD24 and EpCAM. 2007 , 107, 563-71	271
72	Real-time kinetics of discontinuous and highly conformational metal-ion binding sites of prion protein. 2007 , 12, 711-20	28
71	The novel sorting nexin SNX33 interferes with cellular PrP formation by modulation of PrP shedding. 2008 , 9, 1116-29	22
70	Functional angiotensin-converting enzyme 2 is expressed in human cardiac myofibroblasts. 2008 , 93, 579-88	30
69	Calmodulin interacts with angiotensin-converting enzyme-2 (ACE2) and inhibits shedding of its ectodomain. 2008 , 582, 385-90	96
68	Metallopeptidase activities in hereditary angioedema: effect of androgen prophylaxis on plasma aminopeptidase P. 2008 , 121, 429-33	78
67	The polybasic N-terminal region of the prion protein controls the physical properties of both the cellular and fibrillar forms of PrP. 2008 , 383, 1210-24	34
66	Neurosecretases provide strategies to treat sporadic and familial Alzheimer disorders. 2008 , 52, 184-215	23
65	Role of glycosphingolipid-enriched microdomains in innate immunity: microdomain-dependent phagocytic cell functions. 2008 , 1780, 383-92	50
64	Characterization of truncated forms of abnormal prion protein in Creutzfeldt-Jakob disease. <i>Journal of Biological Chemistry</i> , 2008 , 283, 30557-65	5-4 67
63	Emerging and potential therapies for Alzheimer β disease. 2008 , 12, 693-704	26
62	Mechanism of the metal-mediated endocytosis of the prion protein. 2008 , 36, 1272-6	27
61	Identification of the RGG box motif in Shadoo: RNA-binding and signaling roles?. 2008 , 2, 383-400	27

60	Glimepiride reduces the expression of PrP ^c , prevents PrP ^{Sc} formation and protects against prion mediated neurotoxicity in cell lines. <i>PLoS ONE</i> , 2009 , 4, e8221	3-7	21
59	Specific biarsenical labeling of cell surface proteins allows fluorescent- and biotin-tagging of amyloid precursor protein and prion proteins. 2009 , 20, 233-44		41
58	Role of ADAMs in the ectodomain shedding and conformational conversion of the prion protein. <i>Journal of Biological Chemistry</i> , 2009 , 284, 22590-600	5-4	103
57	Alternative translation initiation generates cytoplasmic sheep prion protein. <i>Journal of Biological Chemistry</i> , 2009 , 284, 19668-78	5-4	6
56	Glypican-1 mediates both prion protein lipid raft association and disease isoform formation. 2009 , 5, e1000666		67
55	Influence of ADAM10 on prion protein processing and scrapie infectiosity in vivo. 2009 , 36, 233-41		40
54	PrP ^c -related signal transduction is influenced by copper, membrane integrity and the alpha cleavage site. 2009 , 19, 1062-78		36
53	Lithium induces clearance of protease resistant prion protein in prion-infected cells by induction of autophagy. 2009 , 109, 25-34		155
52	The good, the bad and the ugly substrates for ADAM10 and ADAM17 in brain pathology, inflammation and cancer. 2009 , 20, 164-74		172
51	alpha-cleavage of the prion protein occurs in a late compartment of the secretory pathway and is independent of lipid rafts. 2009 , 40, 242-8		55
50	Role of phospholipases in fungal fitness, pathogenicity, and drug development - lessons from <i>Cryptococcus neoformans</i> . 2010 , 1, 125		48
49	Characterization of the prion protein in human urine. <i>Journal of Biological Chemistry</i> , 2010 , 285, 30489-95	5-4	13
48	Redox control of prion and disease pathogenesis. 2010 , 12, 1271-94		52
47	Anionic phospholipid interactions of the prion protein N terminus are minimally perturbing and not driven solely by the octapeptide repeat domain. <i>Journal of Biological Chemistry</i> , 2010 , 285, 32282-92	5-4	26
46	Lack of a-disintegrin-and-metalloproteinase ADAM10 leads to intracellular accumulation and loss of shedding of the cellular prion protein in vivo. 2011 , 6, 36		79
45	Zinc metalloproteinases and amyloid Beta-Peptide metabolism: the positive side of proteolysis in Alzheimer's disease. 2011 , 2011, 721463		14
44	A naturally occurring C-terminal fragment of the prion protein (PrP) delays disease and acts as a dominant-negative inhibitor of PrP ^{Sc} formation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 44234-44242	5-4	69
43	Separate mechanisms act concurrently to shed and release the prion protein from the cell. 2012 , 6, 498-509		27

42	ECleavage of cellular prion protein. 2012 , 6, 453-60		52
41	Ion channels induced by the prion protein: mediators of neurotoxicity. 2012 , 6, 40-5		27
40	Prion protein at the crossroads of physiology and disease. 2012 , 35, 92-103		130
39	Selective and programmed cleavage of GPI-anchored proteins from the surface membrane by phospholipase C. 2012 , 1818, 117-24		25
38	Prion disease and the innate immune system. 2012 , 4, 3389-419		35
37	Trafficking in neurons: searching for new targets for Alzheimer β disease future therapies. 2013 , 719, 84-106		22
36	Detection of the GPI-anchorless prion protein fragment PrP226* in human brain. 2013 , 13, 126		8
35	Cellular aspects of prion replication in vitro. 2013 , 5, 374-405		46
34	SecretePipe: a screening pipeline for secreted proteins with competence to identify potential membrane-bound shed markers. 2013 , 12, 1235-44		4
33	Effects of FLASH/tetracysteine (TC) Tag on PrP proteolysis and PrPres formation by TC-scanning. 2013 , 14, 1597-610, 1510		0
32	Taking advantage of physiological proteolytic processing of the prion protein for a therapeutic perspective in prion and Alzheimer diseases. 2014 , 8, 106-10		10
31	Scube2 enhances proteolytic Shh processing from the surface of Shh-producing cells. 2014 , 127, 1726-37		33
30	PrP(C) signalling in neurons: from basics to clinical challenges. 2014 , 104, 2-11		24
29	Proteomic identification of mammalian cell surface derived glycosylphosphatidylinositol-anchored proteins through selective glycan enrichment. 2014 , 14, 2471-84		14
28	Prions. 2015 , 1, 46-99		
27	Unfolded Protein Response and Macroautophagy in Alzheimer β , Parkinson β and Prion Diseases. 2015 , 20, 22718-56		25
26	Prion Protein Does Not Confer Resistance to Hippocampus-Derived Zpl Cells against the Toxic Effects of Cu ²⁺ , Mn ²⁺ , Zn ²⁺ and Co ²⁺ Not Supporting a General Protective Role for PrP in Transition Metal Induced Toxicity. <i>PLoS ONE</i> , 2015 , 10, e0139219	3.7	4
25	Prion protein promotes kidney iron uptake via its ferrireductase activity. <i>Journal of Biological Chemistry</i> , 2015 , 290, 5512-22	5.4	26

24	Shedding light on prion disease. 2015 , 9, 244-56		13
23	The alpha secretase ADAM10: A metalloprotease with multiple functions in the brain. 2015 , 135, 1-20		136
22	Regulation of the secretase ADAM10 at transcriptional, translational and post-translational levels. 2016 , 126, 154-169		26
21	The Pathogenic A116V Mutation Enhances Ion-Selective Channel Formation by Prion Protein in Membranes. 2016 , 110, 1766-1776		9
20	Characterization of prion protein function by focal neurite stimulation. 2016 , 129, 3878-3891		26
19	Common therapeutic strategies for prion and Alzheimer β diseases. 2016 , 397, 1115-1124		4
18	Prion protein "gamma-cleavage": characterizing a novel endoproteolytic processing event. 2016 , 73, 667-83		30
17	Prion protein scrapie and the normal cellular prion protein. 2016 , 10, 63-82		21
16	Prion protein is required for tumor necrosis factor α (TNF α)-triggered nuclear factor κ B (NF- κ B) signaling and cytokine production. <i>Journal of Biological Chemistry</i> , 2017 , 292, 18747-18759	5-4	21
15	Functions of the Prion Protein. 2017 , 150, 1-34		13
14	Cellular prion protein (PrP) in the development of Merlin-deficient tumours. 2017 , 36, 6132-6142		18
13	The release of glycosylphosphatidylinositol-anchored proteins from the cell surface. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 656, 1-18	4.1	22
12	Changes in cellular prion protein expression, processing and localisation during differentiation of the neuronal cell line Δ CAD 5. <i>Biology of the Cell</i> , 2020 , 112, 1-21	3-5	4
11	Prion Protein in Stem Cells: A Lipid Raft Component Involved in the Cellular Differentiation Process. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
10	Signaling Cascades and Enzymes as Cryptococcus Virulence Factors. 217-234		1
9	The toxicity of a mutant prion protein is cell-autonomous, and can be suppressed by wild-type prion protein on adjacent cells. <i>PLoS ONE</i> , 2012 , 7, e33472	3-7	13
8	Loss of Cellular Sialidases Does Not Affect the Sialylation Status of the Prion Protein but Increases the Amounts of Its Proteolytic Fragment C1. <i>PLoS ONE</i> , 2015 , 10, e0143218	3-7	16
7	The sheddase ADAM10 is a potent modulator of prion disease. <i>ELife</i> , 2015 , 4,	8.9	50

- 6 Secretase Processing of Amyloid Precursor Protein (APP) and Neurodegeneration. **2007**, 469-514
- 5 Metalloproteases and Proteolytic Processing. **2011**, 457-482
- 4 Proteolytic processing of the prion protein in health and disease. *American Journal of Neurodegenerative Disease*, **2012**, 1, 15-31 2.5 53
- 3 Cyclodextrins as promising therapeutics against cholesterol overload. **2022**, 927-967 0
- 2 The multiple functions of PrPC in physiological, cancer, and neurodegenerative contexts. **2022**, 100, 1405-1425o
- 1 Mouse Models of Prion Protein Related Diseases. **2011**, 230-250 0