

<scp>BH</scp> 3â€™inâ€™groove dimerization initiates an assembly in membranes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Physiological and Pharmacological Control of BAK, BAX, and Beyond. Trends in Cell Biology, 2016, 26, 906-917.	7.9	120
2	Pro-apoptotic Bax molecules densely populate the edges of membrane pores. Scientific Reports, 2016, 6, 27299.	3.3	44
3	Conformational Heterogeneity of Bax Helix 9 Dimer for Apoptotic Pore Formation. Scientific Reports, 2016, 6, 29502.	3.3	18
4	<scp>BH</scp> groove dimerization initiates and helix 9 dimerization expands Bax pore assembly in membranes. EMBO Journal, 2016, 35, 208-236.	7.8	81
5	Assembly of Bak homodimers into higher order homooligomers in the mitochondrial apoptotic pore. Scientific Reports, 2016, 6, 30763.	3.3	36
6	BAX to basics: How the BCL2 gene family controls the death of retinal ganglion cells. Progress in Retinal and Eye Research, 2017, 57, 1-25.	15.5	146
7	The BCL-2 family of proteins and mitochondrial outer membrane permeabilisation. Seminars in Cell and Developmental Biology, 2017, 72, 152-162.	5.0	178
8	Connecting mitochondrial dynamics and life-or-death events via Bcl-2 family proteins. Neurochemistry International, 2017, 109, 141-161.	3.8	70
9	Pore formation by dimeric Bak and Bax: an unusual pore?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160218.	4.0	59
10	The substitution of Proline 168 favors Bax oligomerization and stimulates its interaction with LUVs and mitochondria. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1144-1155.	2.6	20
11	A Small-Molecule Inhibitor of Bax and Bak Oligomerization Prevents Genotoxic Cell Death and Promotes Neuroprotection. Cell Chemical Biology, 2017, 24, 493-506.e5.	5.2	76
12	Bax and Bak Pores: Are We Closing the Circle?. Trends in Cell Biology, 2017, 27, 266-275.	7.9	154
13	Bax transmembrane domain interacts with prosurvival Bcl-2 proteins in biological membranes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 310-315.	7.1	75
14	Direct Activation of BAX by BTSA1 Overcomes Apoptosis Resistance in Acute Myeloid Leukemia. Cancer Cell, 2017, 32, 490-505.e10.	16.8	128
15	Mitochondrial outer membrane permeabilization: a focus on the role of mitochondrial membrane structural organization. Biophysical Reviews, 2017, 9, 443-457.	3.2	62
16	BAK ± 6 permits activation by BH3-only proteins and homooligomerization via the canonical hydrophobic groove. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7629-7634.	7.1	32
17	Membrane insertion of the BAX core, but not latch domain, drives apoptotic pore formation. Scientific Reports, 2017, 7, 16259.	3.3	15
18	Quantitative interactome of a membrane Bcl-2 network identifies a hierarchy of complexes for apoptosis regulation. Nature Communications, 2017, 8, 73.	12.8	54

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19	Apoptosis and Cancer. Annual Review of Cancer Biology, 2017, 1, 275-294.	4.5	88
20	Live-cell imaging to measure BAX recruitment kinetics to mitochondria during apoptosis. PLoS ONE, 2017, 12, e0184434.	2.5	26
21	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
22	New limits of sensitivity of site-directed spin labeling electron paramagnetic resonance for membrane proteins. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 841-853.	2.6	34
23	Humanin decreases mitochondrial membrane permeability by inhibiting the membrane association and oligomerization of Bax and Bid proteins. Acta Pharmacologica Sinica, 2018, 39, 1012-1021.	6.1	28
24	Bax, Bak and beyond – mitochondrial performance in apoptosis. FEBS Journal, 2018, 285, 416-431.	4.7	539
25	The BCL-2 arbiters of apoptosis and their growing role as cancer targets. Cell Death and Differentiation, 2018, 25, 27-36.	11.2	422
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28	Topology of active, membrane-embedded Bax in the context of a toroidal pore. Cell Death and Differentiation, 2018, 25, 1717-1731.	11.2	35
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31	Mitochondrial translocation of cyclin C stimulates intrinsic apoptosis through Bax recruitment. EMBO Reports, 2019, 20, e47425.	4.5	27
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33	A new perspective on membrane-embedded Bax oligomers using DEER and bioresistant orthogonal spin labels. Scientific Reports, 2019, 9, 13013.	3.3	24
34	Time-lapse FRET analysis reveals the ability of Bax dimer to trigger mitochondrial outer membrane permeabilization. Biochemical and Biophysical Research Communications, 2019, 514, 881-887.	2.1	2
35	Overview of BCL-2 Family Proteins and Therapeutic Potentials. Methods in Molecular Biology, 2019, 1877, 1-21.	0.9	36
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37	Photocrosslinking Approach to Investigate Protein Interactions in the BCL-2 Family. <i>Methods in Molecular Biology</i> , 2019, 1877, 131-149.	0.9	5
39	Isolation of Synthetic Antibodies Against BCL-2-Associated X Protein (BAX). <i>Methods in Molecular Biology</i> , 2019, 1877, 351-357.	0.9	1
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41	Stoichiometry and regulation network of Bcl-2 family complexes quantified by live-cell FRET assay. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2387-2406.	5.4	24
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43	Shifting Polar Residues Across Primary Sequence Frames of Transmembrane Domains Calibrates Membrane Permeation Thermodynamics. <i>Biochemistry</i> , 2020, 59, 4353-4366.	2.5	0
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45	PEGylation-based strategy to identify pathways involved in the activation of apoptotic BAX protein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129541.	2.4	3
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47	Cysteine-based crosslinking approach for characterization of oligomeric pore-forming proteins in the mitochondrial membranes. <i>Methods in Enzymology</i> , 2021, 649, 371-396.	1.0	0
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55	Apoptosis regulation at the mitochondria membrane level. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183716.	2.6	91

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58	The third model of Bax/Bak activation: a Bcl-2 family feud finally resolved?. F1000Research, 2020, 9, 935.	1.6	50
59	Disordered clusters of Bak dimers rupture mitochondria during apoptosis. ELife, 2017, 6, .	6.0	60
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65	Physiological and pharmacological modulation of BAX. Trends in Pharmacological Sciences, 2022, 43, 206-220.	8.7	82
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73	Targeting protein conformations with small molecules to control protein complexes. Trends in Biochemical Sciences, 2022, 47, 1023-1037.	7.5	3
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75	Pore-forming proteins as drivers of membrane permeabilization in cell death pathways. Nature Reviews Molecular Cell Biology, 2023, 24, 312-333.	37.0	48
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