

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

EMBO Journal

35, 208-236

DOI: [10.15252/emj.201591552](https://doi.org/10.15252/emj.201591552)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Physiological and Pharmacological Control of BAK, BAX, and Beyond. Trends in Cell Biology, 2016, 26, 906-917.	3.6	120
2	Pro-apoptotic Bax molecules densely populate the edges of membrane pores. Scientific Reports, 2016, 6, 27299.	1.6	44
3	Conformational Heterogeneity of Bax Helix 9 Dimer for Apoptotic Pore Formation. Scientific Reports, 2016, 6, 29502.	1.6	18
4	<scp>BH</scp> groove dimerization initiates and helix 9 dimerization expands Bax pore assembly in membranes. EMBO Journal, 2016, 35, 208-236.	3.5	81
5	Assembly of Bak homodimers into higher order homooligomers in the mitochondrial apoptotic pore. Scientific Reports, 2016, 6, 30763.	1.6	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.	7.3	146
7	The BCL-2 family of proteins and mitochondrial outer membrane permeabilisation. Seminars in Cell and Developmental Biology, 2017, 72, 152-162.	2.3	178
8	Connecting mitochondrial dynamics and life-or-death events via Bcl-2 family proteins. Neurochemistry International, 2017, 109, 141-161.	1.9	70
9	Pore formation by dimeric Bak and Bax: an unusual pore?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160218.	1.8	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.	1.4	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.	2.5	76
12	Bax and Bak Pores: Are We Closing the Circle?. Trends in Cell Biology, 2017, 27, 266-275.	3.6	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.	3.3	75
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15	Mitochondrial outer membrane permeabilization: a focus on the role of mitochondrial membrane structural organization. Biophysical Reviews, 2017, 9, 443-457.	1.5	62
16	BAK $\hat{\pm}$ 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.	3.3	32
17	Membrane insertion of the BAX core, but not latch domain, drives apoptotic pore formation. Scientific Reports, 2017, 7, 16259.	1.6	15
18	Quantitative interactome of a membrane Bcl-2 network identifies a hierarchy of complexes for apoptosis regulation. Nature Communications, 2017, 8, 73.	5.8	54

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19	Apoptosis and Cancer. Annual Review of Cancer Biology, 2017, 1, 275-294.	2.3	88
20	Live-cell imaging to measure BAX recruitment kinetics to mitochondria during apoptosis. PLoS ONE, 2017, 12, e0184434.	1.1	26
21	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	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.	1.4	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.	2.8	28
24	Bax, Bak and beyond " mitochondrial performance in apoptosis. FEBS Journal, 2018, 285, 416-431.	2.2	539
25	The BCL-2 arbiters of apoptosis and their growing role as cancer targets. Cell Death and Differentiation, 2018, 25, 27-36.	5.0	422
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36	Cryo-Electron Microscopy to Study Bax Pores and MOMP. Methods in Molecular Biology, 2019, 1877, 247-256.	0.4	3

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39	Isolation of Synthetic Antibodies Against BCL-2-Associated X Protein (BAX). <i>Methods in Molecular Biology</i> , 2019, 1877, 351-357.	0.4	1
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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.	1.2	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.	1.1	3
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58	The third model of Bax/Bak activation: a Bcl-2 family feud finally resolved?. F1000Research, 2020, 9, 935.	0.8	50
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65	Physiological and pharmacological modulation of BAX. Trends in Pharmacological Sciences, 2022, 43, 206-220.	4.0	82
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