

# Emerging EZH2 Inhibitors and Their Application in Lym

Current Hematologic Malignancy Reports

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Small-Molecule Inhibitors for the Treatment of Diffuse Large B Cell Lymphoma. <i>Current Hematologic Malignancy Reports</i> , 2018, 13, 356-368.	1.2	14
2	Comprehensive Genomic Profiling of EBV-Positive Diffuse Large B-cell Lymphoma and the Expression and Clinicopathological Correlations of Some Related Genes. <i>Frontiers in Oncology</i> , 2019, 9, 683.	1.3	33
3	BET and EZH2 Inhibitors: Novel Approaches for Targeting Cancer. <i>Current Oncology Reports</i> , 2019, 21, 13.	1.8	27
4	Novel Therapies in Paediatric NHL. , 2019, , 315-335.		0
5	Targeting DNA Methylation and EZH2 Activity to Overcome Melanoma Resistance to Immunotherapy. <i>Trends in Immunology</i> , 2019, 40, 328-344.	2.9	160
6	The EZ-riding NK/T-cell lymphoma. <i>Blood</i> , 2019, 134, 1999-2000.	0.6	1
7	EZH2 abnormalities in lymphoid malignancies: underlying mechanisms and therapeutic implications. <i>Journal of Hematology and Oncology</i> , 2019, 12, 118.	6.9	62
8	Targeting EZH2 Enhances Antigen Presentation, Antitumor Immunity, and Circumvents Anti-PD-1 Resistance in Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 290-300.	3.2	142
9	Î2-TRCP-mediated AEBP2 ubiquitination and destruction controls cisplatin resistance in ovarian cancer. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 274-279.	1.0	15
10	Knockdown of GAS5 Inhibits Atherosclerosis Progression via Reducing EZH2-Mediated ABCA1 Transcription in ApoE <sup>-/-</sup> Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 84-96.	2.3	68
11	Loss of histone lysine methyltransferase EZH2 confers resistance to tyrosine kinase inhibitors in non-small cell lung cancer. <i>Cancer Letters</i> , 2020, 495, 41-52.	3.2	17
12	The <i>HMGA1-pseudogene7</i> shows oncogenic activity <i>in vivo</i> . <i>Cell Cycle</i> , 2020, 19, 2955-2959.	1.3	3
13	Molecular Genetics of Relapsed Diffuse Large B-Cell Lymphoma: Insight into Mechanisms of Therapy Resistance. <i>Cancers</i> , 2020, 12, 3553.	1.7	22
14	Deregulation of Polycomb Repressive Complex-2 in Mantle Cell Lymphoma Confers Growth Advantage by Epigenetic Suppression of <i>cdkn2b</i> . <i>Frontiers in Oncology</i> , 2020, 10, 1226.	1.3	7
15	Proteolysis targeting chimeras (PROTACs) are emerging therapeutics for hematologic malignancies. <i>Journal of Hematology and Oncology</i> , 2020, 13, 103.	6.9	69
16	EZH2-Targeted Therapies in Cancer: Hype or a Reality. <i>Cancer Research</i> , 2020, 80, 5449-5458.	0.4	139
17	Triplet Therapy with PD-1 Blockade, Histone Deacetylase Inhibitor, and DNA Methyltransferase Inhibitor Achieves Radiological Response in Refractory Double-Expressor Diffuse Large B-cell Lymphoma with 17p Deletion. <i>Case Reports in Hematology</i> , 2020, 2020, 1-6.	0.3	7
18	Tazemetostat: First Approval. <i>Drugs</i> , 2020, 80, 513-521.	4.9	198

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19	Hypomethylating Agents in Lymphoma. <i>Current Treatment Options in Oncology</i> , 2020, 21, 61.	1.3	5
20	Epigenetic Therapies for Osteoarthritis. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 557-569.	4.0	39
21	Epigenetic memory in development and disease: Unraveling the mechanism. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1873, 188349.	3.3	25
22	EZH2 inhibitors restore epigenetically silenced CD58 expression in B-cell lymphomas. <i>Molecular Immunology</i> , 2020, 119, 35-45.	1.0	28
23	The relationship between consumption of nitrite or nitrate and risk of non-Hodgkin lymphoma. <i>Scientific Reports</i> , 2020, 10, 551.	1.6	6
24	Impact and Intricacies of Bone Marrow Microenvironment in B-cell Lymphomas: From Biology to Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 904.	1.8	13
25	Genome-wide Screens Identify Lineage- and Tumor-Specific Genes Modulating MHC-I and MHC-II-Restricted Immunosurveillance of Human Lymphomas. <i>Immunity</i> , 2021, 54, 116-131.e10.	6.6	72
26	Development of molecular intervention strategies for B-cell lymphoma. <i>Expert Review of Hematology</i> , 2021, 14, 241-252.	1.0	0
27	USP21 promotes cell proliferation by maintaining the EZH2 level in diffuse large B-cell lymphoma. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23693.	0.9	11
28	Targeting leukemia stem cells in T-cell acute lymphoblastic leukemia (T-ALL). , 2021, , 161-197.		0
29	Targeting Leukemia-Initiating Cells in Acute Lymphoblastic Leukemia. <i>Cancer Research</i> , 2021, 81, 4165-4173.	0.4	4
30	Potential of enhancer of zeste homolog 2 inhibitors for the treatment of SWI/SNF mutant cancers and tumor microenvironment modulation. <i>Drug Development Research</i> , 2021, 82, 730-753.	1.4	5
31	Genetic Impairments of PRC2 Activity in Oncology: Problems and Prospects. <i>Russian Journal of Genetics</i> , 2021, 57, 258-272.	0.2	5
32	Full methylation of H3K27 by PRC2 is dispensable for initial embryoid body formation but required to maintain differentiated cell identity. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	11
33	Free energy perturbation in the design of EED ligands as inhibitors of polycomb repressive complex 2 (PRC2) methyltransferase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 39, 127904.	1.0	10
34	Small molecules in targeted cancer therapy: advances, challenges, and future perspectives. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 201.	7.1	607
35	Methylation Landscape: Targeting Writer or Eraser to Discover Anti-Cancer Drug. <i>Frontiers in Pharmacology</i> , 2021, 12, 690057.	1.6	5
36	Clinical Correlations of Polycomb Repressive Complex 2 in Different Tumor Types. <i>Cancers</i> , 2021, 13, 3155.	1.7	14

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37	Development of Machine Learning Models for Accurately Predicting and Ranking the Activity of Lead Molecules to Inhibit PRC2 Dependent Cancer. <i>Pharmaceuticals</i> , 2021, 14, 699.	1.7	4
38	An update of new small-molecule anticancer drugs approved from 2015 to 2020. <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113473.	2.6	27
39	Co-occurrence of immature T-lymphoblastic lymphoma and acute myeloid leukemia—microenvironment-dependent lineage differentiation derived from a common progenitor?. <i>Journal of Hematopathology</i> , 2021, 14, 325-332.	0.2	0
41	EZH2 is a negative prognostic biomarker associated with immunosuppression in hepatocellular carcinoma. <i>PLoS ONE</i> , 2020, 15, e0242191.	1.1	20
42	Polycomb and Trithorax Group Proteins: The Long Road from Mutations in <i>Drosophila</i> to Use in Medicine. <i>Acta Naturae</i> , 2020, 12, 66-85.	1.7	12
43	An overview of the development of EED inhibitors to disable the PRC2 function. <i>RSC Medicinal Chemistry</i> , 2022, 13, 39-53.	1.7	8
44	Cellular Origins of EGFR-Driven Lung Cancer Cells Determine Sensitivity to Therapy. <i>Advanced Science</i> , 2021, 8, e2101999.	5.6	13
46	VHL-based PROTACs as potential therapeutic agents: Recent progress and perspectives. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113906.	2.6	27
47	Improving TRAIL-induced apoptosis in cancers by interfering with histone modifications. , 2020, 3, 791-803.		0
48	Diverse, Potent, and Efficacious Inhibitors That Target the EED Subunit of the Polycomb Repressive Complex 2 Methyltransferase. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17146-17183.	2.9	20
49	Hypo-trimethylation of Histone H3 Lysine 4 and Hyper-tri/dimethylation of Histone H3 Lysine 27 as Epigenetic Markers of Poor Prognosis in Patients with Primary Central Nervous System Lymphoma. <i>Cancer Research and Treatment</i> , 2022, 54, 690-708.	1.3	5
50	A Chemical Strategy toward Novel Brain-Penetrant EZH2 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 377-387.	1.3	10
51	A novel screening strategy to identify histone methyltransferase inhibitors reveals a crosstalk between DOT1L and CARM1. <i>RSC Chemical Biology</i> , 2022, 3, 456-467.	2.0	3
52	The New Treatment Methods for Non-Hodgkin Lymphoma in Pediatric Patients. <i>Cancers</i> , 2022, 14, 1569.	1.7	4
53	Tazemetostat: EZH2 Inhibitor. <i>Journal of the Advanced Practitioner in Oncology</i> , 2022, 13, 158-163.	0.2	47
54	Targeting key proteins involved in transcriptional regulation for cancer therapy: Current strategies and future prospective. <i>Medicinal Research Reviews</i> , 2022, 42, 1607-1660.	5.0	20
60	Targeting Enhancer of Zeste Homolog 2 for the Treatment of Hematological Malignancies and Solid Tumors: Candidate Structure-Activity Relationships Insights and Evolution Prospects. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7016-7043.	2.9	10
62	LncRNA GAS5 promotes epilepsy progression through the epigenetic repression of miR-219, in turn affecting CaMKII $\beta$ /NMDAR pathway. <i>Journal of Neurogenetics</i> , 2022, 36, 32-42.	0.6	6

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63	Astronauts Plasma-Derived Exosomes Induced Aberrant EZH2-Mediated H3K27me3 Epigenetic Regulation of the Vitamin D Receptor. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0
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65	Long non-coding RNA SNHG1 promotes bladder cancer progression by upregulating EZH2 and repressing KLF2 transcription. <i>Clinics</i> , 2022, 77, 100081.	0.6	6
66	ctDNA Is Useful to Detect Mutations at Codon 641 of Exon 16 of EZH2, a Biomarker for Relapse in Patients with Diffuse Large B-Cell Lymphoma. <i>Cancers</i> , 2022, 14, 4650.	1.7	0
67	Histone Deacetylase and Enhancer of Zeste Homologue 2 Dual Inhibitors Presenting a Synergistic Effect for the Treatment of Hematological Malignancies. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 12838-12859.	2.9	12
68	EZH2 inhibitor DZNep blocks cell proliferation of GCB-DLBCL cells by upregulating p16. <i>Leukemia and Lymphoma</i> , 0, , 1-8.	0.6	0
69	Discovery of cysteine-targeting covalent histone methyltransferase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2023, 246, 115028.	2.6	2
70	Cell differentiation modifies the p53 transcriptional program through a combination of gene silencing and constitutive transactivation. <i>Cell Death and Differentiation</i> , 2023, 30, 952-965.	5.0	3
71	MiR-124-3p inhibits tumor progression in prostate cancer by targeting EZH2. <i>Functional and Integrative Genomics</i> , 2023, 23, .	1.4	2
72	Targeted therapy. , 2023, , 205-411.		0