

Specific Histidine Residues Confer Histatin Peptides with *Candida albicans*

Biochemistry

56, 4244-4255

DOI: 10.1021/acs.biochem.7b00348

Citation Report

#	ARTICLE	IF	CITATIONS
1	Antimicrobial peptide-metal ion interactions – a potential way of activity enhancement. <i>New Journal of Chemistry</i> , 2018, 42, 7560-7568.	1.4	32
2	Salivary metals, age, and gender correlate with cultivable oral <i>Candida</i> carriage levels. <i>Journal of Oral Microbiology</i> , 2018, 10, 1447216.	1.2	21
3	N-Terminal Cu-Binding Motifs (Xxx-Zzz-His, Xxx-His) and Their Derivatives: Chemistry, Biology and Medicinal Applications. <i>Chemistry - A European Journal</i> , 2018, 24, 8029-8041.	1.7	99
4	Synthetic Fe/Cu Complexes: Toward Understanding Heme-Copper Oxidase Structure and Function. <i>Chemical Reviews</i> , 2018, 118, 10840-11022.	23.0	166
5	Random peptide mixtures entrapped within a copper-cuprite matrix: new antimicrobial agent against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2019, 9, 11215.	1.6	5
6	Dynamical Oligomerisation of Histidine Rich Intrinsically Disordered Proteins Is Regulated through Zinc-Histidine Interactions. <i>Biomolecules</i> , 2019, 9, 168.	1.8	22
7	Molecular Dynamics Investigation into the Effect of Zinc(II) on the Structure and Membrane Interactions of the Antimicrobial Peptide Clavanin A. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3163-3176.	1.2	18
8	Copper potentiates azole antifungal activity in a way that does not involve complex formation. <i>Dalton Transactions</i> , 2019, 48, 9654-9662.	1.6	16
9	Vertebrate odorant binding proteins as antimicrobial humoral components of innate immunity for pathogenic microorganisms. <i>PLoS ONE</i> , 2019, 14, e0213545.	1.1	17
10	Specific metallo-protein interactions and antimicrobial activity in Histatin-5, an intrinsically disordered salivary peptide. <i>Scientific Reports</i> , 2019, 9, 17303.	1.6	18
11	Metal Binding Antimicrobial Peptides in Nanoparticle Bio-functionalization: New Heights in Drug Delivery and Therapy. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 48-63.	1.9	14
12	Understanding metal binding in neuromedin C. <i>Inorganica Chimica Acta</i> , 2020, 499, 119197.	1.2	2
13	Binding and Reactivity of Copper to R ₁ and R ₃ Fragments of tau Protein. <i>Inorganic Chemistry</i> , 2020, 59, 274-286.	1.9	33
14	Innate Inspiration: Antifungal Peptides and Other Immunotherapeutics From the Host Immune Response. <i>Frontiers in Immunology</i> , 2020, 11, 2177.	2.2	23
15	Copper Homeostasis in Mammals, with Emphasis on Secretion and Excretion. A Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4932.	1.8	53
16	Copper-binding motifs Xxx-His or Xxx-Zzz-His (ATCUN) linked to an antimicrobial peptide: Cu-binding, antimicrobial activity and ROS production. <i>Journal of Inorganic Biochemistry</i> , 2020, 213, 111255.	1.5	7
17	Designed Metal-ATCUN Derivatives: Redox- and Non-redox-Based Applications Relevant for Chemistry, Biology, and Medicine. <i>IScience</i> , 2020, 23, 101792.	1.9	30
18	Bio- and Nanotechnology as the Key for Clinical Application of Salivary Peptide Histatin: A Necessary Advance. <i>Microorganisms</i> , 2020, 8, 1024.	1.6	6

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19	Zinc Binding by Histatin 5 Promotes Fungicidal Membrane Disruption in <i>C. albicans</i> and <i>C. glabrata</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 124.	1.5	14
20	Metal–Peptide Complexes as Promising Antibiotics to Fight Emerging Drug Resistance: New Perspectives in Tuberculosis. <i>Antibiotics</i> , 2020, 9, 337.	1.5	28
21	Peptide Self-Assembly Is Linked to Antibacterial, but Not Antifungal, Activity of Histatin 5 Derivatives. <i>MSphere</i> , 2020, 5, .	1.3	5
22	Human Antimicrobial Peptide Hecidin 25-Induced Apoptosis in <i>Candida albicans</i> . <i>Microorganisms</i> , 2020, 8, 585.	1.6	14
23	Impact of N-Truncated A β Peptides on Cu and Cu(A β)-Generated ROS: Cu Matters!. <i>Chemistry - A European Journal</i> , 2021, 27, 1777-1786.	1.7	21
24	Antimicrobial Peptides and Copper(II) Ions: Novel Therapeutic Opportunities. <i>Chemical Reviews</i> , 2021, 121, 2648-2712.	23.0	55
25	Extracellular Cu ²⁺ pools and their detection: From current knowledge to next-generation probes. <i>Coordination Chemistry Reviews</i> , 2021, 433, 213727.	9.5	45
26	Physicochemical Features and Peculiarities of Interaction of AMP with the Membrane. <i>Pharmaceuticals</i> , 2021, 14, 471.	1.7	46
27	Copper binding and reactivity at the histidine brace motif: insights from mutational analysis of the <i>Pseudomonas fluorescens</i> copper chaperone CopC. <i>FEBS Letters</i> , 2021, 595, 1708-1720.	1.3	9
28	Histatin 5 Metallopeptides and Their Potential against <i>Candida albicans</i> Pathogenicity and Drug Resistance. <i>Biomolecules</i> , 2021, 11, 1209.	1.8	11
29	Discovery of metal-based complexes as promising antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113696.	2.6	37
30	OBP-functionalized/hybrid superparamagnetic nanoparticles for <i>Candida albicans</i> treatment. <i>RSC Advances</i> , 2021, 11, 11256-11265.	1.7	3
31	Macrocyclases as synthetic tools for ligand synthesis: enzymatic synthesis of cyclic peptides containing metal-binding amino acids. <i>Royal Society Open Science</i> , 2021, 8, 211098.	1.1	4
32	Electrospray-Induced Mass Spectrometry Is Not Suitable for Determination of Peptidic Cu(II) Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2766-2776.	1.2	14
34	Kinetics of Cu(II) complexation by ATCUN/NTS and related peptides: a gold mine of novel ideas for copper biology. <i>Dalton Transactions</i> , 2021, 51, 14-26.	1.6	10
35	Identification of VEGFR2 as the Histatin-1 receptor in endothelial cells. <i>Biochemical Pharmacology</i> , 2022, 201, 115079.	2.0	3
36	Curcumin Displays Enhanced Solubility and Antibacterial Activities When Complexed with the Cell Penetrating Peptide pVEC. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, .	0.9	0
38	Salivary Histatin 5 Level in Women with Vaginal Candidiasis. <i>International Journal of Clinical Practice</i> , 2022, 2022, 1-6.	0.8	0

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39	Zinc Binding Inhibits Cellular Uptake and Antifungal Activity of Histatin-5 in <i>Candida albicans</i> . ACS Infectious Diseases, 2022, 8, 1920-1934.	1.8	5
40	Chiral, magnetic, molecule-based materials: A chemical path toward spintronics and quantum nanodevices. Journal of Applied Physics, 2022, 132, .	1.1	5
41	Reactive Cu ²⁺ -peptide intermediates revealed by kinetic studies gain relevance by matching time windows in copper metallomics. Metallomics, 2023, 15, .	1.0	2
42	Multiple Modes of Zinc Binding to Histatin 5 Revealed by Buffer-Independent Thermodynamics. Inorganic Chemistry, 2023, 62, 7087-7096.	1.9	1