

# Jolanta Lukasiewicz

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A New Look at the Enterobacterial Common Antigen Forms Obtained during Rough Lipopolysaccharides Purification. <i>International Journal of Molecular Sciences</i> , 2021, 22, 701.	4.1	2
2	Human Gb3/CD77 synthase produces P1 glycotope-capped N-glycans, which mediate Shiga toxin 1 but not Shiga toxin 2 cell entry. <i>Journal of Biological Chemistry</i> , 2021, 296, 100299.	3.4	9
3	The Mutation in <i>wbaP</i> cps Gene Cluster Selected by Phage-Borne Depolymerase Abolishes Capsule Production and Diminishes the Virulence of <i>Klebsiella pneumoniae</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 11562.	4.1	13
4	Structural Studies of the Lipopolysaccharide Isolated from <i>Plesiomonas shigelloides</i> O22:H3 (CNCTC) Tj ETQq0 0 0 rgBT /Overlock 10 TF	4.1	8
5	Lipopolysaccharide-Linked Enterobacterial Common Antigen (ECALPS) Occurs in Rough Strains of <i>Escherichia coli</i> R1, R2, and R4. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6038.	4.1	23
6	The Impact of Insertion Sequences on O-Serotype Phenotype and Its O-Locus-Based Prediction in <i>Klebsiella pneumoniae</i> O2 and O1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6572.	4.1	8
7	Deacetylated lipooligosaccharide of <i>E. coli</i> B reduces the number of metastatic foci via downregulation of myeloid cell activity. <i>Oncology Reports</i> , 2020, 43, 270-281.	2.6	0
8	Editorial: O-specific polysaccharide confers lysozyme resistance to extraintestinal pathogenic <i>Escherichia coli</i> . <i>Virulence</i> , 2018, 9, 919-922.	4.4	3
9	Cross-specificity of protective human antibodies against <i>Klebsiella pneumoniae</i> LPS O-antigen. <i>Nature Immunology</i> , 2018, 19, 617-624.	14.5	108
10	Interaction of Mannose-Binding Lectin With Lipopolysaccharide Outer Core Region and Its Biological Consequences. <i>Frontiers in Immunology</i> , 2018, 9, 1498.	4.8	20
11	Discovery of monoclonal antibodies cross-reactive to novel subserotypes of <i>K. pneumoniae</i> O3. <i>Scientific Reports</i> , 2017, 7, 6635.	3.3	25
12	Structure-Activity Relationship of <i>Plesiomonas shigelloides</i> Lipid A to the Production of TNF- $\alpha$ , IL-1 $\beta$ , and IL-6 by Human and Murine Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 1741.	4.8	4
13	Identification of d-Galactan-III As Part of the Lipopolysaccharide of <i>Klebsiella pneumoniae</i> Serotype O1. <i>Frontiers in Microbiology</i> , 2017, 8, 684.	3.5	24
14	Fractionation and analysis of lipopolysaccharide-derived oligosaccharides by zwitterionic-type hydrophilic interaction liquid chromatography coupled with electrospray ionisation mass spectrometry. <i>Carbohydrate Research</i> , 2016, 427, 29-37.	2.3	8
15	Both clades of the epidemic KPC-producing <i>Klebsiella pneumoniae</i> clone ST258 share a modified galactan O-antigen type. <i>International Journal of Medical Microbiology</i> , 2016, 306, 89-98.	3.6	47
16	A New Ligand-Based Method for Purifying Active Human Plasma-Derived Ficolin-3 Complexes Supports the Phenomenon of Crosstalk between Pattern-Recognition Molecules and Immunoglobulins. <i>PLoS ONE</i> , 2016, 11, e0156691.	2.5	5
17	The structures of glycoprotein C N-glycans, a putative component of the GPC receptor site for <i>Plasmodium falciparum</i> EBA-140 ligand. <i>Glycobiology</i> , 2015, 25, 570-581.	2.5	13
18	The Baculovirus-Expressed Binding Region of <i>Plasmodium falciparum</i> EBA-140 Ligand and Its Glycoprotein C Binding Specificity. <i>PLoS ONE</i> , 2015, 10, e0115437.	2.5	19

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19	Occurrence of glycine in the core oligosaccharides of <i>Hafnia alvei</i> lipopolysaccharides—identification of disubstituted glycoform. <i>Carbohydrate Research</i> , 2015, 408, 119-126.	2.3	5
20	Core oligosaccharide of <i>Escherichia coli</i> —the structure required for bacteriophage T4 recognition. <i>Carbohydrate Research</i> , 2015, 413, 51-54.	2.3	6
21	Ficolin-3 activity towards the opportunistic pathogen, <i>Hafnia alvei</i> . <i>Immunobiology</i> , 2015, 220, 117-123.	1.9	23
22	Studies of a Murine Monoclonal Antibody Directed against DARC: Reappraisal of Its Specificity. <i>PLoS ONE</i> , 2015, 10, e0116472.	2.5	6
23	First Evidence for a Covalent Linkage between Enterobacterial Common Antigen and Lipopolysaccharide in <i>Shigella sonnei</i> Phase II ECALPS. <i>Journal of Biological Chemistry</i> , 2014, 289, 2745-2754.	3.4	23
24	Structural Analysis of the Core Oligosaccharide and the O-specific Polysaccharide from the <i>Plesiomonas shigelloides</i> O33:H3 (Strain CNCTC 34/89) Lipopolysaccharide. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1241-1252.	2.4	4
25	Diagnostic Potential of Monoclonal Antibodies Specific to the Unique O-Antigen of Multidrug-Resistant Epidemic <i>Escherichia coli</i> Clone ST131-O25b:H4. <i>Vaccine Journal</i> , 2014, 21, 930-939.	3.1	24
26	Selective Detection of Carbohydrates and Their Peptide Conjugates by ESI-MS Using Synthetic Quaternary Ammonium Salt Derivatives of Phenylboronic Acids. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 966-976.	2.8	18
27	Ficolin-2 and ficolin-3 in women with malignant and benign ovarian tumours. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 1411-1419.	4.2	38
28	The unique structure of complete lipopolysaccharide isolated from semi-rough <i>Plesiomonas shigelloides</i> O37 (strain CNCTC 39/89) containing (2S)-O-(4-oxopentanoic acid)- $\beta$ -D-Glcp ( $\beta$ -D-Lenose). <i>Carbohydrate Research</i> , 2013, 378, 98-107.	2.3	11
29	Core Oligosaccharide of <i>Plesiomonas shigelloides</i> PCM 2231 (Serotype O17) Lipopolysaccharide—Structural and Serological Analysis. <i>Marine Drugs</i> , 2013, 11, 440-454.	4.6	9
30	New functional ligands for ficolin-3 among lipopolysaccharides of <i>Hafnia alvei</i> . <i>Glycobiology</i> , 2012, 22, 267-280.	2.5	38
31	A Single Point Mutation in the Gene Encoding Gb3/CD77 Synthase Causes a Rare Inherited Polyagglutination Syndrome. <i>Journal of Biological Chemistry</i> , 2012, 287, 38220-38230.	3.4	40
32	H-ficolin (ficolin-3) concentrations and FCN3 gene polymorphism in neonates. <i>Immunobiology</i> , 2012, 217, 730-737.	1.9	41
33	Structural analysis of the lipid A isolated from <i>Hafnia alvei</i> 32 and PCM 1192 lipopolysaccharides. <i>Journal of Lipid Research</i> , 2010, 51, 564-574.	4.2	33
34	Structures of two novel, serologically nonrelated core oligosaccharides of <i>Yokenella regensburgei</i> lipopolysaccharides differing only by a single hexose substitution. <i>Glycobiology</i> , 2010, 20, 207-214.	2.5	3
35	Two Kdo-Heptose Regions Identified in <i>Hafnia alvei</i> 32 Lipopolysaccharide: the Complete Core Structure and Serological Screening of Different <i>Hafnia</i> O Serotypes. <i>Journal of Bacteriology</i> , 2009, 191, 533-544.	2.2	14
36	Structural analysis of the O-specific polysaccharide isolated from <i>Plesiomonas shigelloides</i> O51 lipopolysaccharide. <i>Carbohydrate Research</i> , 2009, 344, 894-900.	2.3	22

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37	Complete Lipopolysaccharide of <i>Plesiomonas shigelloides</i> O74:H5 (Strain CNCTC 144/92). 1. Structural Analysis of the Highly Hydrophobic Lipopolysaccharide, Including the O-Antigen, Its Biological Repeating Unit, the Core Oligosaccharide, and the Linkage between Them., <i>Biochemistry</i> , 2006, 45, 10422-10433.	2.5	32
38	Complete Lipopolysaccharide of <i>Plesiomonas shigelloides</i> O74:H5 (Strain CNCTC 144/92). 2. Lipid A, Its Structural Variability, the Linkage to the Core Oligosaccharide, and the Biological Activity of the Lipopolysaccharide., <i>Biochemistry</i> , 2006, 45, 10434-10447.	2.5	22
39	A complex of lactoferrin with monophosphoryl lipid A is an efficient adjuvant of the humoral and cellular immune response in mice. <i>Medical Microbiology and Immunology</i> , 2006, 195, 207-216.	4.8	30
40	Structure of the lipid A "inner core region and biological activity of <i>Plesiomonas shigelloides</i> O54 (strain CNCTC 113/92) lipopolysaccharide. <i>Glycobiology</i> , 2006, 16, 538-550.	2.5	17
41	Epitope of the Vaccine-Type <i>Bordetella pertussis</i> Strain 186 Lipooligosaccharide and Antiendotoxin Activity of Antibodies Directed against the Terminal Pentasaccharide-Tetanus Toxoid Conjugate. <i>Infection and Immunity</i> , 2005, 73, 7381-7389.	2.2	27
42	The O-acetylation patterns in the O-antigens of <i>Hafnia alvei</i> strains PCM 1200 and 1203, serologically closely related to PCM 1205. <i>Carbohydrate Research</i> , 2004, 339, 2521-2527.	2.3	12
43	Serological characterization of anti-endotoxin serum directed against the conjugate of oligosaccharide core of <i>Escherichia coli</i> type R4 with tetanus toxoid. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 37, 59-67.	2.7	14
44	Core Oligosaccharides of <i>Plesiomonas shigelloides</i> O54:H2 (Strain CNCTC 113/92). <i>Journal of Biological Chemistry</i> , 2002, 277, 11653-11663.	3.4	45