

- 1: Fernández-Busquets X, Körnig A, Bucior I, Burger MM, Anselmetti D. Self-recognition and Ca²⁺-dependent carbohydrate-carbohydrate cell adhesion provide clues to the cambrian explosion. *Mol Biol Evol.* 2009 Nov;26(11):2551-61. doi: 10.1093/molbev/msp170. Epub 2009 Jul 31. PubMed PMID: 19648465.
- 2: Sabella C, Faszewski E, Himic L, Colpitts KM, Kaltenbach J, Burger MM, Fernández-Busquets X. Cyclosporin A suspends transplantation reactions in the marine sponge *Microciona prolifera*. *J Immunol.* 2007 Nov 1;179(9):5927-35. Erratum in: *J Immunol.* 2007 Dec 15;179(12):8570. PubMed PMID: 17947666.
- 3: Garcia-Manyes S, Bucior I, Ros R, Anselmetti D, Sanz F, Burger MM, Fernández-Busquets X. Proteoglycan mechanics studied by single-molecule force spectroscopy of allotypic cell adhesion glycans. *J Biol Chem.* 2006 Mar 3;281(9):5992-9. Epub 2005 Dec 22. PubMed PMID: 16373355.
- 4: Bucior I, Burger MM. Carbohydrate-carbohydrate interaction as a major force initiating cell-cell recognition. *Glycoconj J.* 2004;21(3-4):111-23. PubMed PMID: 15483377.
- 5: Bucior I, Burger MM. Carbohydrate-carbohydrate interactions in cell recognition. *Curr Opin Struct Biol.* 2004 Oct;14(5):631-7. Review. PubMed PMID: 15465325.
- 6: Chen G, Burger MM. p150 overexpression in gastric carcinoma: the association with p53, apoptosis and cell proliferation. *Int J Cancer.* 2004 Nov 10;112(3):393-8. PubMed PMID: 15382063.
- 7: Burger MM. Meeting report-UICC study group on basic and clinical cancer research: apoptosis. *J Cell Biochem.* 2004 Jul 1;92(4):641-5. PubMed PMID: 15211561.
- 8: Bucior I, Scheuring S, Engel A, Burger MM. Carbohydrate-carbohydrate interaction provides adhesion force and specificity for cellular recognition. *J Cell Biol.* 2004 May 24;165(4):529-37. Epub 2004 May 17. PubMed PMID: 15148309; PubMed Central PMCID: PMC2172358.
- 9: Tepsuporn S, Kaltenbach JC, Kuhns WJ, Burger MM, Fernández-Busquets X. Apoptosis in *Microciona prolifera* Allografts. *Biol Bull.* 2003 Oct;205(2):199-201.

PubMed PMID: 14583528.

10: Fernández-Busquets X, Burger MM. Circular proteoglycans from sponges: first members of the spongican family. *Cell Mol Life Sci.* 2003 Jan;60(1):88-112.

Review. PubMed PMID: 12613660.

11: Burger MM. UICC study group on basic and clinical cancer research: mechanisms of metastasis. *J Cell Biochem.* 2002;87(3):253-7. PubMed PMID: 12397606.

12: de Moura NF, Morel AF, Dessoy EC, Zanatta N, Bürger MM, Ahlert N, Porto GP, Baldisserotto B. Alkaloids, amides and antispasmodic activity of *Zanthoxylum hyemale*. *Planta Med.* 2002 Jun;68(6):534-8. PubMed PMID: 12094298.

13: Fernández-Busquets X, Kuhns WJ, Simpson TL, Ho M, Gerosa D, Grob M, Burger MM. Cell adhesion-related proteins as specific markers of sponge cell types involved in allogeneic recognition. *Dev Comp Immunol.* 2002 May;26(4):313-23. PubMed PMID: 11888646.

14: Burger MM. UICC study group on basic and clinical cancer research: interrelations of signaling paths and what we can learn from interfering with them. *J Cell Biochem.* 2002;84(3):433-8. PubMed PMID: 11813248.

15: Burger MM. [Mechanisms of metastasis]. *Ther Umsch.* 2001 Dec;58(12):695-700. Review. German. PubMed PMID: 11797530.

16: Elia G, Ren Y, Lorenzoni P, Zarnegar R, Burger MM, Rusciano D. Mechanisms regulating c-met overexpression in liver-metastatic B16-LS9 melanoma cells. *J Cell Biochem.* 2001;81(3):477-87. PubMed PMID: 11255230.

17: Lin L, Holbro T, Alonso G, Gerosa D, Burger MM. Molecular interaction between human tumor marker protein p150, the largest subunit of eIF3, and intermediate filament protein K7. *J Cell Biochem.* 2001;80(4):483-90. PubMed PMID: 11169732.

18: Jarchow J, Fritz J, Anselmetti D, Calabro A, Hascall VC, Gerosa D, Burger MM,

Fernández-Busquets X. Supramolecular structure of a new family of circular proteoglycans mediating cell adhesion in sponges. *J Struct Biol.* 2000 Nov;132(2):95-105. PubMed PMID: 11162731.

19: MacKenzie R, Newman D, Burger MM, Roy R, Kuhns WJ. Adhesion of a viral envelope protein to a non-self-binding domain of the aggregation factor in the marine sponge *Microciona prolifera*. *Biol Bull.* 2000 Oct;199(2):209-11. PubMed PMID: 11081741.

20: Kuhns WJ, Burger MM, Sarkar M, Fernandez-Busquets X, Simpson T. Enzymatic biosynthesis of N-linked glycan by the marine sponge *Microciona prolifera*. *Biol Bull.* 2000 Oct;199(2):192-4. PubMed PMID: 11081730.

21: Burger MM. UICC Study Group on Basic and Clinical Cancer Research: angiogenesis revisited. *Int J Cancer.* 2000 Dec 1;88(5):835-7. PubMed PMID: 11072257.

22: Welman A, Burger MM, Hagmann J. Structure and function of the C-terminal hypervariable region of K-Ras4B in plasma membrane targeting and transformation. *Oncogene.* 2000 Sep 21;19(40):4582-91. PubMed PMID: 11030147.

23: Hagmann J, Burger MM, Dagan D. Regulation of plasma membrane blebbing by the cytoskeleton. *J Cell Biochem.* 1999 Jun 15;73(4):488-99. PubMed PMID: 10733343.

24: Burger MM. UICC study group on basic and clinical cancer research: Animal models for the natural history of cancer. Meeting held at Woods Hole, MA (USA), June 21-23, 1999. International Union Against Cancer. *Int J Cancer.* 2000 Feb 1;85(3):303-5. PubMed PMID: 10652417.

25: Popescu O, Interior R, Misevic G, Burger MM, Kuhns WJ. Biosynthesis of tyrosine O-sulfate by cell proteoglycan from the marine sponge, *Microciona prolifera*. *Biol Bull.* 1999 Oct;197(2):279-81. PubMed PMID: 10573851.

26: Kaltenbach JC, Kuhns WJ, Simpson TL, Burger MM. Intense concanavalin A

staining and apoptosis of peripheral flagellated cells in larvae of the marine sponge *Microciona prolifera*: significance in relation to morphogenesis. *Biol Bull.* 1999 Oct;197(2):271-3. PubMed PMID: 10573850.

27: Jarchow J, Burger MM. Species-specific association of the cell-aggregation molecule mediates recognition in marine sponges. *Cell Adhes Commun.* 1998;6(5):405-14. PubMed PMID: 10223356.

28: Fernández-Busquets X, Burger MM. Cell adhesion and histocompatibility in sponges. *Microsc Res Tech.* 1999 Feb 15;44(4):204-18. Review. PubMed PMID: 10098923.

29: Chen G, Burger MM. p150 expression and its prognostic value in squamous-cell carcinoma of the esophagus. *Int J Cancer.* 1999 Apr 20;84(2):95-100. PubMed PMID: 10096238.

30: Rusciano D, Lorenzoni P, Burger MM. Regulation of c-met expression in B16 murine melanoma cells by melanocyte stimulating hormone. *J Cell Sci.* 1999 Mar;112 (Pt 5):623-30. PubMed PMID: 9973597.

31: Burger MM, Schäfer T. Regulation of intracellular membrane interactions: recent progress in the field of neurotransmitter release. *J Cell Biochem Suppl.* 1998;30-31:103-10. Review. PubMed PMID: 9893261.

32: Kuhns WJ, Fernandez-Busquets X, Burger MM, Ho M, Turley E. Hyaluronic acid-receptor binding demonstrated by synthetic adhesive proteoglycan peptide constructs and by cell receptors on the marine sponge *Microciona prolifera*. *Biol Bull.* 1998 Oct;195(2):216-8. PubMed PMID: 9818374.

33: Fernández-Busquets X, Gerosa D, Hess D, Burger MM. Accumulation in marine sponge grafts of the mRNA encoding the main proteins of the cell adhesion system. *J Biol Chem.* 1998 Nov 6;273(45):29545-53. PubMed PMID: 9792663.

34: Rusciano D, Lorenzoni P, Lin S, Burger MM. Hepatocyte growth factor/scatter factor and hepatocytes are potent downregulators of tyrosinase expression in B16

melanoma cells. *J Cell Biochem.* 1998 Nov 1;71(2):264-76. PubMed PMID: 9779824.

35: Dellas A, Torhorst J, Bachmann F, Bänziger R, Schultheiss E, Burger MM. Expression of p150 in cervical neoplasia and its potential value in predicting survival. *Cancer.* 1998 Oct 1;83(7):1376-83. PubMed PMID: 9762939.

36: Rusciano D, Lin S, Lorenzoni P, Casella N, Burger MM. Influence of hepatocyte growth factor/scatter factor on the metastatic phenotype of B16 melanoma cells. *Tumour Biol.* 1998;19(5):335-45. PubMed PMID: 9701724.

37: Wiedemann C, Schäfer T, Burger MM, Sihra TS. An essential role for a small synaptic vesicle-associated phosphatidylinositol 4-kinase in neurotransmitter release. *J Neurosci.* 1998 Aug 1;18(15):5594-602. PubMed PMID: 9671651.

38: Hagmann J, Grob M, Welman A, van Willigen G, Burger MM. Recruitment of the LIM protein hic-5 to focal contacts of human platelets. *J Cell Sci.* 1998 Aug;111 (Pt 15):2181-8. PubMed PMID: 9664039.

39: Lin S, Rusciano D, Lorenzoni P, Hartmann G, Birchmeier W, Giordano S, Comoglio P, Burger MM. C-met activation is necessary but not sufficient for liver colonization by B16 murine melanoma cells. *Clin Exp Metastasis.* 1998 Apr;16(3):253-65. PubMed PMID: 9568643.

40: Burger MM, Moses HL. UICC Study Group on Basic and Clinical Cancer Research: mechanisms of growth factor and hormone insensitivity. *Int J Cancer.* 1997 Nov 14;73(4):461-3. PubMed PMID: 9389556.

41: Fernández-Busquets X, Burger MM. The main protein of the aggregation factor responsible for species-specific cell adhesion in the marine sponge *Microciona prolifera* is highly polymorphic. *J Biol Chem.* 1997 Oct 31;272(44):27839-47. PubMed PMID: 9346930.

42: O'Connor V, Heuss C, De Bello WM, Dresbach T, Charlton MP, Hunt JH, Pellegrini LL, Hodel A, Burger MM, Betz H, Augustine GJ, Schäfer T. Disruption of syntaxin-mediated protein interactions blocks neurotransmitter secretion. *Proc*

Natl Acad Sci U S A. 1997 Oct 28;94(22):12186-91. PubMed PMID: 9342384;
PubMed
Central PMCID: PMC23745.

43: Bachmann F, Bänziger R, Burger MM. Cloning of a novel protein overexpressed in human mammary carcinoma. Cancer Res. 1997 Mar 1;57(5):988-94. PubMed PMID: 9041205.

44: Burger MM. [Why do tumors metastasize and why to the lung or liver?]. Schweiz Med Wochenschr. 1997 Feb 1;127(5):142-7. German. PubMed PMID: 9064757.

45: Burger MM, Friend S. Multigene effects influencing each other. International Union Against Cancer Study Group on Basic and Clinical Cancer Research. Cancer. 1997 Jan 15;79(2):416-9. PubMed PMID: 9010117.

46: Goren D, Grob M, Lorenzoni P, Burger MM. Human bone cells stimulate the growth of human breast carcinoma cells. Tumour Biol. 1997;18(6):341-9. PubMed PMID: 9372867.

47: Burger MM, Friend S. UICC Study Group on basic and clinical cancer research: multigene effects influencing each other. Int J Cancer. 1996 Nov 4;68(3):273-5. PubMed PMID: 8903465.

48: Fernández-Busquets X, Kammerer RA, Burger MM. A 35-kDa protein is the basic unit of the core from the 2 x 10⁴-kDa aggregation factor responsible for species-specific cell adhesion in the marine sponge *Microciona prolifera*. J Biol Chem. 1996 Sep 20;271(38):23558-65. PubMed PMID: 8798565.

49: Rusciano D, Lorenzoni P, Burger MM. Constitutive activation of c-Met in liver metastatic B16 melanoma cells depends on both substrate adhesion and cell density and is regulated by a cytosolic tyrosine phosphatase activity. J Biol Chem. 1996 Aug 23;271(34):20763-9. PubMed PMID: 8702829.

50: Spillmann D, Burger MM. Carbohydrate-carbohydrate interactions in adhesion. J Cell Biochem. 1996 Jun 15;61(4):562-8. Review. PubMed PMID: 8806079.

51: Wiedemann C, Schäfer T, Burger MM. Chromaffin granule-associated phosphatidylinositol 4-kinase activity is required for stimulated secretion. *EMBO J*. 1996 May 1;15(9):2094-101. PubMed PMID: 8641275; PubMed Central PMCID: PMC450131.

52: Rusciano D, Lorenzoni P, Burger MM. Expression of constitutively activated hepatocyte growth factor/scatter factor receptor (c-met) in B16 melanoma cells selected for enhanced liver colonization. *Oncogene*. 1995 Nov 16;11(10):1979-87. PubMed PMID: 7478516.

53: Fernández-Busquets X, Burger MM. Use of rhodamine B isothiocyanate to detect proteoglycan core proteins in polyacrylamide gels. *Anal Biochem*. 1995 May 20;227(2):394-6. PubMed PMID: 7573965.

54: Spillmann D, Thomas-Oates JE, van Kuik JA, Vliegenthart JF, Misevic G, Burger MM, Finne J. Characterization of a novel sulfated carbohydrate unit implicated in the carbohydrate-carbohydrate-mediated cell aggregation of the marine sponge *Microciona prolifera*. *J Biol Chem*. 1995 Mar 10;270(10):5089-97. PubMed PMID: 7890617.

55: Burger MM, Harris C. UICC Study Group on basic and clinical cancer research: apoptosis in normal and tumor cells. *Int J Cancer*. 1995 Mar 3;60(5):590-2. PubMed PMID: 7860131.

56: Kuhns WJ, Popescu O, Burger MM, Misevic G. Sulfate restriction induces hyposecretion of the adhesion proteoglycan and cell hypomotility associated with increased ³⁵S04(2-) uptake and expression of a band 3 like protein in the marine sponge, *Microciona prolifera*. *J Cell Biochem*. 1995 Jan;57(1):71-89. PubMed PMID: 7721960.

57: Schaefer T, Hodel A, Heuss C, Burger MM. The docking protein of chromaffin granules. *Ann N Y Acad Sci*. 1994 Sep 15;733:279-89. Review. PubMed PMID: 7978877.

58: Hodel A, Schäfer T, Gerosa D, Burger MM. In chromaffin cells, the mammalian

Sec1p homologue is a syntaxin 1A-binding protein associated with chromaffin granules. *J Biol Chem.* 1994 Mar 25;269(12):8623-6. PubMed PMID: 8132588.

59: Schaefer T, Wiedemann C, Gitler C, Burger MM. Effects of arsenicals on the secretory process in chromaffin cells. *Ann N Y Acad Sci.* 1994 Mar 9;710:356-67. Review. PubMed PMID: 8154761.

60: Burger MM, Folkman J. UICC Study Group on basic and clinical cancer research: tumor angiogenesis. Meeting held at Woods Hole, MA, September 18-21, 1993. *Int J Cancer.* 1994 Feb 1;56(3):311-3. PubMed PMID: 7508891.

61: Hagmann J, Dagan D, Burger MM. Lysis of blood platelets by human osteosarcoma cells in vitro. *Blood Cells.* 1994;20(1):203-16; discussion 217-8. PubMed PMID: 7994061.

62: Spillmann D, Hård K, Thomas-Oates J, Vliegenthart JF, Misevic G, Burger MM, Finne J. Characterization of a novel pyruvylated carbohydrate unit implicated in the cell aggregation of the marine sponge *Microciona prolifera*. *J Biol Chem.* 1993 Jun 25;268(18):13378-87. PubMed PMID: 8514776.

63: Levine AJ, Burger MM. UICC Study Group on Basic and Clinical Cancer Research: genotypes and phenotypes of tumor suppressors. Meeting held at Woods Hole, MA, October 1-4, 1992. *Int J Cancer.* 1993 Apr 1;53(6):883-5. PubMed PMID: 8473046.

64: Misevic GN, Burger MM. Carbohydrate-carbohydrate interactions of a novel acidic glycan can mediate sponge cell adhesion. *J Biol Chem.* 1993 Mar 5;268(7):4922-9. PubMed PMID: 7680344.

65: Rusciano D, Lorenzoni P, Burger MM. Paracrine growth response as a major determinant in liver-specific colonization by in vivo selected B16 murine melanoma cells. *Invasion Metastasis.* 1993;13(4):212-24. PubMed PMID: 8034443.

66: Hagmann J, Burger MM. Phosphorylation of vinculin in human platelets spreading on a solid surface. *J Cell Biochem.* 1992 Nov;50(3):237-44. PubMed PMID: 1469061.

67: Rusciano D, Lorenzoni P, Burger MM. Specific growth stimulation in the absence of specific cellular adhesion in lung colonization by retinoic-acid-treated F9 teratocarcinoma cells. *Int J Cancer*. 1992 Sep 30;52(3):471-7. Erratum in: *Int J Cancer* 1993 Jan 21;53(2):347. PubMed PMID: 1399123.

68: Hagmann J, Grob M, Burger MM. The cytoskeletal protein talin is O-glycosylated. *J Biol Chem*. 1992 Jul 15;267(20):14424-8. PubMed PMID: 1629228.

69: Rusciano D, Burger MM. Why do cancer cells metastasize into particular organs? *Bioessays*. 1992 Mar;14(3):185-94. Review. PubMed PMID: 1586372.

70: Hagmann J, Dagan D, Burger MM. Release of endosomal content induced by plasma membrane tension: video image intensification time lapse analysis. *Exp Cell Res*. 1992 Feb;198(2):298-304. PubMed PMID: 1345903.

71: Rusciano D, Lorenzoni P, Burger MM. Liver or lung colonization by F9 teratocarcinoma cells follows specific interactions with the target organ. *EXS*. 1992;61:272-6. PubMed PMID: 1617234.

72: Rusciano D, Lorenzoni P, Burger MM. The role of both specific cellular adhesion and growth promotion in liver colonization by F9 embryonal carcinoma cells. *Int J Cancer*. 1991 May 30;48(3):450-6. PubMed PMID: 2040539.

73: Schweizer FE, Schäfer T, Burger MM. Intracellular mechanisms in exocytotic secretion. *Biochem Pharmacol*. 1991 Jan 15;41(2):163-9. Review. PubMed PMID: 1989627.

74: Misevic GN, Burger MM. The species-specific cell-binding site of the aggregation factor from the sponge *Microciona prolifera* is a highly repetitive novel glycan containing glucuronic acid, fucose, and mannose. *J Biol Chem*. 1990 Nov 25;265(33):20577-84. PubMed PMID: 2243104.

75: Karli UO, Schäfer T, Burger MM. Fusion of neurotransmitter vesicles with target membrane is calcium independent in a cell-free system. *Proc Natl Acad Sci*

U S A. 1990 Aug;87(15):5912-5. PubMed PMID: 2377623; PubMed Central
PMCID:
PMC54439.

76: Misevic GN, Burger MM. Involvement of a highly polyvalent glycan in
the
cell-binding of the aggregation factor from the marine sponge *Microciona
prolifera*. J Cell Biochem. 1990 Aug;43(4):307-14. PubMed PMID: 2118911.

77: Burger MM, Croce CM. UICC study group on basic and clinical cancer
research:
cancer-suppressing genes. Int J Cancer. 1990 Feb 15;45(2):221-3. PubMed
PMID:
2154408.

78: Niggli V, Sommer L, Brunner J, Burger MM. Interaction in situ of the
cytoskeletal protein vinculin with bilayers studied by introducing a
photoactivatable fatty acid into living chicken embryo fibroblasts. Eur J
Biochem. 1990 Jan 12;187(1):111-7. PubMed PMID: 2105211.

79: Schweizer FE, Schäfer T, Tapparelli C, Grob M, Karli UO, Heumann R,
Thoenen
H, Bookman RJ, Burger MM. Inhibition of exocytosis by intracellularly
applied
antibodies against a chromaffin granule-binding protein. Nature. 1989 Jun
29;339(6227):709-12. Erratum in: Nature 1989 Jul 27;340(6231):322. PubMed
PMID:
2765027.

80: Finne J, Castori S, Feizi T, Burger MM. Lectin-resistant variants and
revertants of mouse melanoma cells: differential expression of a
fucosylated
cell-surface antigen and altered metastasizing capacity. Int J Cancer.
1989 Feb
15;43(2):300-4. PubMed PMID: 2645222.

81: Tullberg K, Haidvogel H, Obrist R, Burger MM, Obrecht JP. Selection of
highly
malignant tumour cells using reconstituted basement membrane matrix.
Invasion
Metastasis. 1989;9(1):15-26. PubMed PMID: 2703299.

82: Sargent NS, Oestreicher M, Haidvogel H, Madnick HM, Burger MM. Growth
regulation of cancer metastases by their host organ. Proc Natl Acad Sci U
S A.
1988 Oct;85(19):7251-5. PubMed PMID: 3174631; PubMed Central PMCID:
PMC282163.

83: Ballmer-Hofer K, Ziegler A, Burger MM. Association of polyoma virus
middle T
antigen and pp60src with cytoskeletal elements. Oncogene. 1988
Oct;3(4):365-71.

PubMed PMID: 2856248.

84: Ochalek T, Nordt FJ, Tullberg K, Burger MM. Correlation between cell deformability and metastatic potential in B16-F1 melanoma cell variants. *Cancer Res.* 1988 Sep 15;48(18):5124-8. PubMed PMID: 3409238.

85: Varner JA, Burger MM, Kaufman JF. Two cell surface proteins bind the sponge *Microciona prolifera* aggregation factor. *J Biol Chem.* 1988 Jun 15;263(17):8498-508. PubMed PMID: 3372540.

86: Schäfer T, Karli UO, Gratwohl EK, Schweizer FE, Burger MM. Digitonin-permeabilized cells are exocytosis competent. *J Neurochem.* 1987 Dec;49(6):1697-707. PubMed PMID: 3500275.

87: McCarthy RA, Beck K, Burger MM. Laminin is structurally conserved in the sea urchin basal lamina. *EMBO J.* 1987 Jun;6(6):1587-93. PubMed PMID: 16453775; PubMed Central PMCID: PMC553528.

88: Misevic GN, Finne J, Burger MM. Involvement of carbohydrates as multiple low affinity interaction sites in the self-association of the aggregation factor from the marine sponge *Microciona prolifera*. *J Biol Chem.* 1987 Apr 25;262(12):5870-7. PubMed PMID: 3571239.

89: Tapparelli C, Grob M, Burger MM. Detergents inhibit exocytosis in PC 12 cells: evidence for an effect on ion fluxes. *J Cell Biochem.* 1987 Apr;33(4):289-303. PubMed PMID: 3584258.

90: Schäfer T, Karli UO, Schweizer FE, Burger MM. Docking of chromaffin granules--a necessary step in exocytosis? *Biosci Rep.* 1987 Apr;7(4):269-79. Review. PubMed PMID: 3315025.

91: Burn P, Burger MM. The cytoskeletal protein vinculin contains transformation-sensitive, covalently bound lipid. *Science.* 1987 Jan 23;235(4787):476-9. PubMed PMID: 3099391.

92: Niggli V, Burger MM. Interaction of the cytoskeleton with the plasma membrane. *J Membr Biol.* 1987;100(2):97-121. Review. PubMed PMID: 3323521.

93: Niggli V, Dimitrov DP, Brunner J, Burger MM. Interaction of the cytoskeletal

component vinculin with bilayer structures analyzed with a photoactivatable phospholipid. J Biol Chem. 1986 May 25;261(15):6912-8. PubMed PMID: 3084492.

94: Fringeli UP, Leutert P, Thurnhofer H, Fringeli M, Burger MM. Structure-activity relationship in vinculin: an IR/attenuated total reflection spectroscopic and film balance study. Proc Natl Acad Sci U S A. 1986 Mar;83(5):1315-9. PubMed PMID: 3081894; PubMed Central PMCID: PMC323066.

95: Misevic GN, Burger MM. Reconstitution of high cell binding affinity of a marine sponge aggregation factor by cross-linking of small low affinity fragments into a large polyvalent polymer. J Biol Chem. 1986 Feb 25;261(6):2853-9. PubMed PMID: 3949749.

96: Burger MM. Mobility of scientists: how reliable are the available data to judge trends? Perspect Biol Med. 1986 Spring;29(3 Pt 2):S66-9. PubMed PMID: 3725556.

97: Burn P, Rotman A, Meyer RK, Burger MM. Diacylglycerol in large alpha-actinin/actin complexes and in the cytoskeleton of activated platelets. Nature. 1985 Apr 4-10;314(6010):469-72. PubMed PMID: 4039039.

98: Tullberg KF, Burger MM. Selection of B16 melanoma cells with increased metastatic potential and low intercellular cohesion using Nuclepore filters. Invasion Metastasis. 1985;5(1):1-15. PubMed PMID: 3980159.

99: Burger MM, Finne J, Prieels JP. Mutants, revertants and variants of metastasis. Biochem Soc Trans. 1984 Jun;12(3):553-6. PubMed PMID: 6547395.

100: Fidler IJ, Burger MM. UICC Study Group in basic and clinical cancer research: cancer metastasis. Int J Cancer. 1984 Jan 15;33(1):1-3. PubMed PMID: 6693188.

101: Sheppard JR, Kerr ST, Brown DR, Burger MM. Lectin-resistant B16 melanoma cells exhibit an altered response to MSH and cholera toxin. Exp Cell Res. 1983 Dec;149(2):577-81. PubMed PMID: 6315464.

102: Kammer K, Burger MM. Release of cell-associated concanavalin A by methyl alpha-D-mannopyranoside reveals three binding states of concanavalin-A receptors on mouse fibroblasts. Eur J Biochem. 1983 May 2;132(2):433-9. PubMed PMID: 6682378.

103: Spiegel E, Burger MM, Spiegel M. Fibronectin and laminin in the extracellular matrix and basement membrane of sea urchin embryos. Exp Cell Res. 1983 Mar;144(1):47-55. PubMed PMID: 6341074.

104: Tao TW, Jenkins JM, Vosbeck K, Matter A, Miller M, Jockusch BM, Shen ZH, Burger MM. Lectin-resistant variants of mouse melanoma cells. II. In vitro characteristics. Int J Cancer. 1983 Feb 15;31(2):239-47. PubMed PMID: 6681806.

105: Ballmer-Hofer K, Schlup V, Burn P, Burger MM. Isolation of in situ crosslinked ligand-receptor complexes using an anticrosslinker specific antibody. Anal Biochem. 1982 Nov 1;126(2):246-50. PubMed PMID: 7158763.

106: Burger MM, Tao TW, Finne J, Prieels JP. The influence of membrane mutations on metastasis. Biosci Rep. 1982 Aug;2(8):597-9. PubMed PMID: 7139074.

107: Meyer RK, Schindler H, Burger MM. alpha-Actinin interacts specifically with model membranes containing glycerides and fatty acids. Proc Natl Acad Sci U S A. 1982 Jul;79(14):4280-4. PubMed PMID: 6956857; PubMed Central PMCID: PMC346654.

108: Misevic GN, Jumblatt JE, Burger MM. Cell binding fragments from a sponge proteoglycan-like aggregation factor. J Biol Chem. 1982 Jun 25;257(12):6931-6. PubMed PMID: 6806259.

109: Spiegel M, Burger MM. Cell adhesion during gastrulation. A new approach. Exp Cell Res. 1982 Jun;139(2):377-82. PubMed PMID: 7084322.

110: Tao TW, Burger MM. Lectin-resistant variants of mouse melanoma cells. I. Altered metastasizing capacity and tumorigenicity. Int J Cancer. 1982 Apr 15;29(4):425-30. PubMed PMID: 7085130.

111: Finne J, Burger MM, Prieels JP. Enzymatic basis for a lectin-resistant phenotype: increase in a fucosyltransferase in mouse melanoma cells. *J Cell Biol.* 1982 Feb;92(2):277-82. PubMed PMID: 6895897; PubMed Central PMCID: PMC2112079.

112: Burger MM, Misevic GN, Burkart W, Jumblatt J. Model macromolecules for cell-cell recognition: can specificity arise from two independent molecular interactions? *Prog Clin Biol Res.* 1982;102 pt A:475-90. PubMed PMID: 7167452.

113: Misevic GN, Burger MM. The molecular basis of species specific cell-cell recognition in marine sponges, and a study on organogenesis during metamorphosis. *Prog Clin Biol Res.* 1982;85 Pt B:193-209. PubMed PMID: 7122567.

114: Mannino RJ, Ballmer K, Zeltner D, Burger MM. An inhibitor of animal cell growth increases cell-to-cell adhesion. *J Cell Biol.* 1981 Dec;91(3 Pt 1):855-9. PubMed PMID: 7328125; PubMed Central PMCID: PMC2112790.

115: Meyer RK, Burger MM, Tschannen R, Schäfer R. Actin filament bundles in vaccinia virus infected fibroblasts. *Arch Virol.* 1981;67(1):11-8. PubMed PMID: 7016077.

116: Burkart W, Burger MM. The contribution of the calcium-dependent interaction of aggregation factor molecules to recognition: a system providing additional specificity forces? *J Supramol Struct Cell Biochem.* 1981;16(2):179-82. PubMed PMID: 6170760.

117: Kuhns WJ, Bramson S, Simpson TL, Burkart W, Jumblatt J, Burger MM. Fluorescent antibody localization of Microciona prolifera aggregation factor and its baseplate component. *Eur J Cell Biol.* 1980 Dec;23(1):73-9. PubMed PMID: 7007050.

118: Jumblatt JE, Tao TW, Schlup V, Finne J, Burger MM. Altered surface glycoproteins in melanoma cell variants with reduced metastasizing capacity selected for resistance to wheat germ agglutinin. *Biochem Biophys Res Commun.* 1980 Jul 16;95(1):111-7. PubMed PMID: 7417243.

119: Finne J, Tao TW, Burger MM. Carbohydrate changes in glycoproteins of a poorly metastasizing wheat germ agglutinin-resistant melanoma clone. Cancer Res. 1980 Jul;40(7):2580-7. PubMed PMID: 7388814.

120: Ballmer K, Mannino RJ, Burger MM. Modulation of the cell cycle during reversible growth inhibition of 3T3 and SV40-3T3 cells with succinylated concanavalin A. Exp Cell Res. 1980 Apr;126(2):311-9. PubMed PMID: 7363948.

121: Jumblatt JE, Schlup V, Burger MM. Cell-cell recognition: specific binding of Microciona sponge aggregation factor to homotypic cells and the role of calcium ions. Biochemistry. 1980 Mar 4;19(5):1038-42. PubMed PMID: 7356960.

122: Jockusch H, Burkart W, Burger MM. Hereditary motor endplate disease (med) of the mouse: observations on dissociated myogenic cells and their development in culture. Cell Tissue Res. 1980;207(2):241-8. PubMed PMID: 7388917.

123: Ballmer K, Burger MM. Modulation of EGF binding and action by succinylated concanavalin A in fibroblast cell cultures. J Supramol Struct. 1980;14(2):209-14. PubMed PMID: 6262576.

124: Meyer DI, Burger MM. Isolation of a protein from the plasma membrane of adrenal medulla which binds to secretory vesicles. J Biol Chem. 1979 Oct 10;254(19):9854-9. PubMed PMID: 489576.

125: Tao T, Matter A, Vogel K, Burger MM. Liver-colonizing melanoma cells selected from B-16 melanoma. Int J Cancer. 1979 Jun 15;23(6):854-7. PubMed PMID: 468414.

126: Meyer DI, Burger MM. The chromaffin granule surface: the presence of actin and the nature of its interaction with the membrane. FEBS Lett. 1979 May 1;101(1):129-33. PubMed PMID: 446723.

127: Hatten ME, Burger MM. Effect of polyene antibiotics on the lectin-induced agglutination of transformed and untransformed cell lines. Biochemistry. 1979 Mar 6;18(5):739-45. PubMed PMID: 420812.

128: Jockusch H, Jockusch BM, Burger MM. Nerve fibers in culture and their interactions with non-neural cells visualized by immunofluorescence. *J Cell Biol.* 1979 Mar;80(3):629-41. PubMed PMID: 379015; PubMed Central PMCID: PMC2110351.

129: Mannino RJ, Ballmer K, Burger MM. Growth inhibition of transformed cells with succinylated concanavalin A. *Science.* 1978 Sep 1;201(4358):824-6. PubMed PMID: 210502.

130: Jockusch BM, Kelley KH, Meyer RK, Burger MM. An efficient method to produce specific anti-actin. *Histochemistry.* 1978 Apr 4;55(3):177-84. PubMed PMID: 417050.

131: Hatten ME, Scandella CJ, Horwitz AF, Burger MM. Similarities in the membrane fluidity of 3T3 and SV101-3T3 cells and its relation to concanavalin A- and wheat germ agglutinin-induced agglutination. *J Biol Chem.* 1978 Mar 25;253(6):1972-7. PubMed PMID: 204638.

132: Burger MM, Burkart W, Weinbaum G, Jumblatt J. Cell-cell recognition: molecular aspects. Recognition and its relation to morphogenetic processes in general. *Symp Soc Exp Biol.* 1978;32:1-23. Review. PubMed PMID: 382416.

133: Jockusch BM, Burger MM, DaPrada M, Richards JG, Chaponnier C, Gabbiani G. alpha-Actinin attached to membranes of secretory vesicles. *Nature.* 1977 Dec 15;270(5638):628-9. PubMed PMID: 563523.

134: Tao TW, Burger MM. Non-metastasising variants selected from metastasising melanoma cells. *Nature.* 1977 Dec 1;270(5636):437-8. PubMed PMID: 593362.

135: Bloch R, Maccacchini ML, Jumblatt J, Buttrick P, Burger MM. Sugar-specific antibodies reactive towards cell-surface carbohydrates. *Eur J Biochem.* 1977 Oct 17;80(1):261-6. PubMed PMID: 562753.

136: Maccacchini ML, Burger MM. Stimulation of lymphocytes by concanavalin A.

Temperature-dependent effect of fatty acid replacements. *Biochim Biophys Acta*. 1977 Aug 15;469(1):33-44. PubMed PMID: 560864.

137: Hatten ME, Horwitz AF, Burger MM. The influence of membrane lipids on the proliferation of transformed and untransformed cell lines. *Exp Cell Res*. 1977 Jun;107(1):31-4. PubMed PMID: 862677.

138: Sieber-Blum M, Burger MM. Isolation and characterization of nuclear envelopes and their biosynthesis during the cell cycle. *Biochem Biophys Res Commun*. 1977 Jan 10;74(1):1-8. PubMed PMID: 836269.

139: Bloch R, Betschart B, Burger MM. Cell culture in serum depleted of glycosidases by heating. *Exp Cell Res*. 1977 Jan;104(1):143-52. PubMed PMID: 836399.

140: Burger MM, Jumblatt J. Membrane involvement in cell-cell interactions: a two-component model system for cellular recognition that does not require live cells. *Soc Gen Physiol Ser*. 1977;32:155-72. Review. PubMed PMID: 333592.

141: Bloch R, Jenkins J, Roth J, Burger MM. Purification and characterization of two lectins from *Caragana arborescens* seeds. *J Biol Chem*. 1976 Oct 10;251(19):5929-35. PubMed PMID: 972148.

142: Meyer DI, Burger MM. The chromaffin granule surface. Localization of carbohydrate on the cytoplasmic surface of an intracellular organelle. *Biochim Biophys Acta*. 1976 Sep 7;443(3):428-36. PubMed PMID: 963064.

143: Mannino RJ, Burger MM. Modulation of cell growth and cell-cell stickiness with succinylated concanavalin A. *Prog Clin Biol Res*. 1976;9:33-9. PubMed PMID: 1025574.

144: Burger MM. Immunological and biochemical aspects of cellular transformation. Chairman's introduction. *Bibl Haematol*. 1975 Oct;(43):48-9. PubMed PMID: 1232984.

145: Burger MM, Turner RS, Kuhns WJ, Weinbaum G. A possible model for cell-cell recognition via surface macromolecules. *Philos Trans R Soc Lond B Biol Sci*. 1975

Jul 17;271(912):379-93. PubMed PMID: 239429.

146: Mannino RJ, Burger MM. Growth inhibition of animal cells by succinylated concanavalin A. *Nature*. 1975 Jul 3;256(5512):19-22. PubMed PMID: 1169693.

147: Mannino RJ Jr, Burger MM. The characteristics of succinylated con A induced growth inhibition of 3T3 cells in tissue culture. *Adv Exp Med Biol*. 1975;55:207-20. PubMed PMID: 1171586.

148: Noll M, Burger MM. Membrane-bound and free polysomes in transformed and untransformed fibroblast cells. *J Mol Biol*. 1974 Dec 5;90(2):215-36. PubMed PMID: 4476801.

149: Bloch R, Burger MM. A rapid procedure for derivatizing agarose with a variety of carbohydrates: its use for affinity chromatography of lectins. *FEBS Lett*. 1974 Aug 30;44(3):286-9. PubMed PMID: 4471977.

150: Wright CS, Keith C, Langridge R, Nagata Y, Burger MM. A preliminary crystallographic study of wheat germ agglutinin. *J Mol Biol*. 1974 Aug 25;87(4):843-6. PubMed PMID: 4427378.

151: Reusch VM Jr, Burger MM. Distribution of marker enzymes between mesosomal and protoplast membranes. *J Biol Chem*. 1974 Aug 25;249(16):5337-45. PubMed PMID: 4152841.

152: Horwitz AF, Hatten ME, Burger MM. Membrane fatty acid replacements and their effect on growth and lectin-induced agglutinability. *Proc Natl Acad Sci U S A*. 1974 Aug;71(8):3115-9. PubMed PMID: 4528640; PubMed Central PMCID: PMC388632.

153: Nagata Y, Burger MM. Wheat germ agglutinin. Molecular characteristics and specificity for sugar binding. *J Biol Chem*. 1974 May 25;249(10):3116-22. PubMed PMID: 4830237.

154: Bloch R, Burger MM. Purification of wheat germ agglutinin using affinity chromatography on chitin. *Biochem Biophys Res Commun*. 1974 May 7;58(1):13-9. PubMed PMID: 4831061.

- 155: Kuhns WJ, Weinbaum G, Turner R, Burger MM. Sponge aggregation: a model for studies on cell-cell interactions. *Ann N Y Acad Sci.* 1974;234(0):58-74. PubMed PMID: 4528735.
- 156: Turner RS, Burger MM. A cell surface change in mitotic fibroblasts monitored with lectins. *Ann N Y Acad Sci.* 1974;234(0):332-47. PubMed PMID: 4528381.
- 157: Burger MM, Troll W, Bechtel E. Studies on the surfaces of transformed and mitotic cells with carbohydrate specific lectins. *Johns Hopkins Med J Suppl.* 1974;3:435-43. PubMed PMID: 4472832.
- 158: Nagata Y, Goldberg AR, Burger MM. The isolation and purification of wheat germ and other agglutinins. *Methods Enzymol.* 1974;32:611-5. PubMed PMID: 4444540.
- 159: Rapin AM, Burger MM. Tumor cell surfaces: general alterations detected by agglutinins. *Adv Cancer Res.* 1974;20:1-91. Review. PubMed PMID: 4376331.
- 160: Noonan KD, Burger MM. An assay for labeled lectin binding to cell surfaces. *Methods Enzymol.* 1974;32:621-5. PubMed PMID: 4374633.
- 161: Burger MM. Assays for agglutination with lectins,. *Methods Enzymol.* 1974;32:615-21. PubMed PMID: 4374632.
- 162: Burger MM. Role of the cell surface in growth and transformation. *Symp Soc Dev Biol.* 1974;30(0):3-24. Review. PubMed PMID: 4366108.
- 163: Noonan KD, Burger MM. The relationship of concanavalin A binding to lectin-initiated cell agglutination. *J Cell Biol.* 1973 Oct;59(1):134-42. PubMed PMID: 4201706; PubMed Central PMCID: PMC2110924.
- 164: Weinbaum G, Burger MM. Two component system for surface guided reassociation of animal cells. *Nature.* 1973 Aug 24;244(5417):510-2. PubMed PMID: 4621125.
- 165: Turner RS, Burger MM. Involvement of a carbohydrate group in the active site

for surface guided reassociation of animal cells. *Nature*. 1973 Aug 24;244(5417):509-10. PubMed PMID: 4621124.

166: Noonan KD, Burger MM. Induction of 3T3 cell division at the monolayer stage. Early changes in macromolecular processes. *Exp Cell Res*. 1973 Aug;80(2):405-14. PubMed PMID: 4355477.

167: Noonan KD, Levine AJ, Burger MM. Cell cycle-dependent changes in the surface membrane as detected with (3H)concanavalin A. *J Cell Biol*. 1973 Aug;58(2):491-7. PubMed PMID: 4354069; PubMed Central PMCID: PMC2109038.

168: Bombik BM, Burger MM. c-AMP and the cell cycle: inhibition of growth stimulation. *Exp Cell Res*. 1973 Jul;80(1):88-94. PubMed PMID: 4361349.

169: Noonan KD, Burger MM. Binding of (3 H)concanavalin A to normal and transformed cells. *J Biol Chem*. 1973 Jun 25;248(12):4286-92. PubMed PMID: 4351220.

170: Burger MM. Cell surface alterations in transformed and mitotic normal cells monitored with plant agglutinins. *Neoplasma*. 1973 May;20(5):579-81. PubMed PMID: 4356861.

171: Reusch VM Jr, Burger MM. The bacterial mesosome. *Biochim Biophys Acta*. 1973 Apr 3;300(1):79-104. Review. PubMed PMID: 4578652.

172: Borek C, Grob M, Burger MM. Surface alterations in transformed epithelial and fibroblastic cells in culture: a disturbance of membrane degradation versus biosynthesis? *Exp Cell Res*. 1973 Mar 15;77(1):207-15. PubMed PMID: 4347805.

173: Noonan KD, Renger HC, Basilico C, Burger MM. Surface changes in temperature-sensitive Simian virus 40-transformed cells. *Proc Natl Acad Sci U S A*. 1973 Feb;70(2):347-9. PubMed PMID: 4346884; PubMed Central PMCID: PMC433255.

174: Jansons VK, Burger MM. Isolation and characterization of agglutinin receptor sites. II. Isolation and partial purification of a surface membrane receptor for wheat germ agglutinin. *Biochim Biophys Acta*. 1973 Jan 2;291(1):127-35. PubMed

PMID: 4684604.

175: Janson VK, Sakamoto CK, Burger MM. Isolation and characterization of agglutinin receptor sites. 3. Studies on the interaction with other lectins. *Biochim Biophys Acta*. 1973 Jan 2;291(1):136-43. PubMed PMID: 4346309.

176: Turner RS, Burger MM. The cell surface in cell interactions. *Ergeb Physiol*. 1973;68:121-55. Review. PubMed PMID: 4583340.

177: Oseroff AR, Robbins PW, Burger MM. The cell surface membrane: biochemical aspects and biophysical probes. *Annu Rev Biochem*. 1973;42:647-82. Review. PubMed PMID: 4354315.

178: Burger MM. Surface changes in transformed cells detected by lectins. *Fed Proc*. 1973 Jan;32(1):91-101. Review. PubMed PMID: 4346328.

179: Levine AJ, Burger MM. A working hypothesis explaining the maintenance of the transformed state by SV40 and polyoma. *J Theor Biol*. 1972 Dec;37(3):436-46. PubMed PMID: 4345641.

180: Schnebli HP, Burger MM. Selective inhibition of growth of transformed cells by protease inhibitors. *Proc Natl Acad Sci U S A*. 1972 Dec;69(12):3825-7. PubMed PMID: 4345510; PubMed Central PMCID: PMC389882.

181: Burger MM, Bombik BM, Breckenridge BM, Sheppard JR. Growth control and cyclic alterations of cyclic AMP in the cell cycle. *Nat New Biol*. 1972 Oct 11;239(93):161-3. PubMed PMID: 4349672.

182: Burger MM, Bombik BM, Noonan KD. Cell surface alterations in transformed tissue culture cells and their possible significance in growth control. *J Invest Dermatol*. 1972 Jul;59(1):24-6. PubMed PMID: 4339130.

183: Burger MM, Martin GS. Agglutination of cells transformed by Rous sarcoma virus by wheat germ agglutinin and concanavalin A. *Nat New Biol*. 1972 May 3;237(70):9-12. PubMed PMID: 4337981.

- 184: Nagata Y, Burger MM. Wheat germ agglutinin. Isolation and crystallization. *J Biol Chem.* 1972 Apr 10;247(7):2248-50. PubMed PMID: 5062821.
- 185: Burger MM. Proceedings: Lectin monitored surface changes in transformed and mitotic normal cells. *Proc Natl Cancer Conf.* 1972;7:405-14. PubMed PMID: 4358062.
- 186: Sheppard JR, Levine AJ, Burger MM. Cell-surface changes after infection with oncogenic viruses: requirement for synthesis of host DNA. *Science.* 1971 Jun 25;172(3990):1345-6. PubMed PMID: 4325520.
- 187: Burger MM. Forssman antigen exposed on surface membrane after viral transformation. *Nat New Biol.* 1971 May 26;231(21):125-6. PubMed PMID: 4325711.
- 188: Eckhart W, Dulbecco R, Burger MM. Temperature-dependent surface changes in cells infected or transformed by a thermosensitive mutant of polyoma virus. *Proc Natl Acad Sci U S A.* 1971 Feb;68(2):283-6. PubMed PMID: 5277070; PubMed Central PMCID: PMC388918.
- 189: Fox TO, Sheppard JR, Burger MM. Cyclic membrane changes in animal cells: transformed cells permanently display a surface architecture detected in normal cells only during mitosis. *Proc Natl Acad Sci U S A.* 1971 Jan;68(1):244-7. PubMed PMID: 4322263; PubMed Central PMCID: PMC391204.
- 190: Burger MM, Noonan KD. Restoration of normal growth by covering of agglutinin sites on tumour cell surface. *Nature.* 1970 Nov 7;228(5271):512-5. PubMed PMID: 5472464.
- 191: Benjamin TL, Burger MM. Absence of a cell membrane alteration function in non-transforming mutants of polyoma virus. *Proc Natl Acad Sci U S A.* 1970 Oct;67(2):929-34. PubMed PMID: 4332911; PubMed Central PMCID: PMC283294.
- 192: Burger MM. Proteolytic enzymes initiating cell division and escape from contact inhibition of growth. *Nature.* 1970 Jul 11;227(5254):170-1. PubMed PMID: 5428405.

193: Pollack RE, Burger MM. Surface-specific characteristics of a contact-inhibited cell line containing the SV40 viral genome. Proc Natl Acad Sci U S A. 1969 Apr;62(4):1074-6. PubMed PMID: 4307873; PubMed Central PMCID: PMC223616.

194: Burger MM. A difference in the architecture of the surface membrane of normal and virally transformed cells. Proc Natl Acad Sci U S A. 1969 Mar;62(3):994-1001. PubMed PMID: 4308100; PubMed Central PMCID: PMC223697.

195: Burger MM. Isolation of a receptor complex for a tumor specific agglutinin from the neoplastic cell surface. Nature. 1968 Aug 3;219(5153):499-500. PubMed PMID: 4299255.

196: Ohta N, Pardee AB, McAuslan BR, Burger MM. Sialic acid contents and controls of normal and malignant cells. Biochim Biophys Acta. 1968 Apr 16;158(1):98-102. PubMed PMID: 4297374.

197: Burger MM, Goldberg AR. Identification of a tumor-specific determinant on neoplastic cell surfaces. Proc Natl Acad Sci U S A. 1967 Feb;57(2):359-66. PubMed PMID: 16591478; PubMed Central PMCID: PMC335514.

198: Chin T, Burger MM, Glaser L. Synthesis of teichoic acids. VI. The formation of multiple wall polymers in Bacillus subtilis W-23. Arch Biochem Biophys. 1966 Sep 26;116(1):358-67. PubMed PMID: 4960203.

199: Burger MM. Teichoic acids: antigenic determinants, chain separation, and their location in the cell wall. Proc Natl Acad Sci U S A. 1966 Sep;56(3):910-7. PubMed PMID: 4961545; PubMed Central PMCID: PMC219946.

200: Burger MM, Glaser L. The synthesis of teichoic acids. V. Polyglucosylglycerol phosphate and polygalactosylglycerol phosphate. J Biol Chem. 1966 Jan 25;241(2):494-506. PubMed PMID: 4285661.

201: GLASER L, BURGER MM. THE SYNTHESIS OF TEICHOIC ACIDS. 3. GLUCOSYLATION OF POLYGLYCEROPHOSPHATE. J Biol Chem. 1964 Oct;239:3187-91. PubMed PMID: 14245359.

202: BURGER MM, GLASER L. THE SYNTHESIS OF TEICHOIC ACIDS. I. POLYGLYCEROPHOSPHATE. J Biol Chem. 1964 Oct;239:3168-77. PubMed PMID: 14245357.

203: BURGER MM, GLASER L, BURTON RM. THE ENZYMIC SYNTHESIS OF A RHAMNOSE-CONTAINING GLYCOLIPID BY EXTRACTS OF PSEUDOMONAS AERUGINOSA. J Biol Chem. 1963 Aug;238:2595-602. PubMed PMID: 14063278.

204: BURGER MM. The enzymic glucosylation of polyglycerophosphate. Biochim Biophys Acta. 1963 May 14;71:495-7. PubMed PMID: 14016971.

205: BURGER MM, GLASER L. The enzymic synthesis of polyglycerophosphate. Biochim Biophys Acta. 1962 Nov 5;64:575-7. PubMed PMID: 14016970.