Andrew L. Salzman

1. **Salzman AL**, Hoffer F, Burns J: Chronic hip pain and limp in a 3-year old girl. *Reviews of Infectious Diseases* **2:**341-348, 1989.

2. Jellinek MS, Todres ID, Catlin EA, Cassem EH, **Salzman AL**: Pediatric Intensive Care Training: Confronting the dark side. *Critical Care Medicine* **21:**775-779, 1993.

3. **Salzman AL**, Wollert PS, Wang H, Menconi MJ, Youssef ME, Compton CC, Fink MP: Intraluminal oxygenation ameliorates ischemia/reperfusion-induced gut mucosal hyperpermeability in pigs. *Circulatory Shock* **40:**37-46, 1993.

4. **Salzman AL** and Fink MP: Does gastric tonometry have a role yet in the ICU? *The Journal of Critical Illness* **9:**131-132, 1994.

5. **Salzman AL**, Strong KE, Wong H, VanderMeer TJ, Fink MP: Intraluminal balloonless "air tonometry": a new method for determination of gastrointestinal mucosal PCO_2. *Critical Care Medicine* **22:**126-134, 1994.

6. **Salzman AL**, Wang H, Wollert PS, VanderMeer TJ, Compton CC, Denenberg AG, Fink MP: Endotoxin-induced ileal mucosal hyperpermeability in pigs: role of tissue acidosis. *American Journal of Physiology* **266:**G633-G646, 1994.

7. **Salzman AL**, Menconi M, Unno N, Ezzell RJ, Casey D, Fink MP: Nitric oxide dilates tight junctions and depletes ATP in cultured intestinal epithelia. *American Journal of Physiology* **268:**G361-G373, 1995.

8. Szabó C, **Salzman AL**, Ischiropolous H: Endotoxin triggers the expression of an inducible isoform of nitric oxide synthase and the formation of peroxynitrite in the rat aorta *in vivo*. *Federation of European Biochemical Societies Letters* **363:**235-238, 1995.

9. Szabó C, **Salzman AL**: Endogenous peroxynitrite is involved in the inhibition of cellular respiration in immunostimulated J744.2 macrophages. *Biochemical and Biophysical Research Communications* **209:**739-743, 1995.

10. Szabó C, **Salzman AL**, Ischiropoulos H: Peroxynitrite-mediated oxidation of dihydrorhodamine 123 occurs in early stages of endotoxic and hemorrhagic shock and ischemia-reperfusion injury. *Federation of European Biochemical Societies Letters* **372:**229-232, 1995.

11. Southan GJ, Szabó C, O'Connor MP, **Salzman AL**, Thiemermann C: Amidines are potent inhibitors of constitutive and inducible nitric oxide synthases: preferential inhibition of the inducible isoform. *European Journal of Pharmacology* **291:**311-318, 1995.

12. **Salzman AL**, Denenberg AG, Ueta I, O'Connor M, Linn S, Szabó C: Induction and activity of nitric oxide synthase in cultured human intestinal epithelial monolayers. *American Journal of Physiology* **270:**G565-573, 1996.

13. Southan GJ, **Salzman AL**, Szabó C: Potent inhibition of the inducible isoform of nitric oxide synthase by aminoethylisoselenourea and related compounds. *Life Sciences* **58:**1139-1148, 1996.

14. Southan GJ, Szabó C, **Salzman AL**: 2-Aminopyridines are competitive inhibitors of nitric oxide synthases. *Pharmacology Communications* **7:**275-286, 1996.

15. Southan GJ, Zingarelli B, O'Connor M, **Salzman AL**, Szabó C: Spontaneous rearrangement of aminoalkylguanidines into mercaptoalklyguanidines - a novel class of nitric oxide synthase inhibitors with selectivity towards the inducible isoform. *British Journal of Pharmacology* **117:**619-632, 1996.

16. Szabó C, Bryk R, Zingarelli B, Southan GJ, Gahlman TC, Bhat V, **Salzman AL**, Wolff DJ: Pharmacological characterization of guanidinoethyldisulphide (GED), a novel inhibitor of nitric oxide synthase with selectivity towards the inducible isoform. *British Journal of Pharmacology* **118:**1659-1668, 1996.

17. Szabó C, Day BJ, **Salzman AL**: Evaluation of the relative contribution of nitric oxide and peroxynitrite to the suppression of mitochondrial respiration in immunostimulated macrophages using a manganese mesporphyrin superoxide dismutase mimetic and peroxynitrite scavenger. *Federation of European Biochemical Societies Letters* **381:**82-86, 1996.

18. Szabó C, **Salzman AL**: Inhibition of ATP-activated potassium channels exerts pressor effects and improves survival in a rat model of severe hemorrhagic shock. *Shock* **5:**391-394, 1996.

19. Szabó C, **Salzman AL**: Inhibition of terminal calcium overload protects against peroxynitrite-induced cellular injury in macrophages. *Immunology Letters* **51:** 163-167, 1996.

20. Szabó C, Zingarelli B, O'Connor M, **Salzman AL**: DNA strand breakage, activation of poly-ADP ribosyl synthetase, and cellular energy depletion are involved in the cytotoxicity in macrophages and smooth muscle cells exposed to peroxynitrite. *Proceedings of the National Academy of Sciences* **93:**1753-1758, 1996.

21. Szabó C, Zingarelli B, **Salzman AL**: Role of poly-ADP ribosyltransferase in the vascular contractile and energetic failure elicited by exogenous and endogenous nitric oxide and peroxynitrite. *Circulation Research* **78:**1051-1063, 1996.

22. Unno N, Menconi MJ, **Salzman AL**, Smith M, Hagan S, Ge Y, Ezzel RM, Fink MP: Hyperpermeability and ATP depletion induced by chronic hypoxia or glycolytic inhibition in Caco-2BBe monolayers. *American Journal of Physiology* **270:** G1010-G1021, 1996.

23. Vromen A, Arkovitz MS, Zingarelli B, **Salzman AL**, Garcia VF, Szabó C: Low-level expression and limited role for the inducible isoform of nitric oxide synthase in the vascular hyporeactivity and mortality associated with cecal ligation and puncture in the rat. *Shock* **6:**248-253, 1996.

24. Vromen A, Southan GJ, Szabó C, **Salzman AL**: Protective effects of isopropylisothiourea, an inhibitor of constitutive nitric oxide synthase in rodent and porcine hemorrhagic shock. *Journal of Applied Physiology* **81:**707-715, 1996.

25. Zingarelli B, O'Connor M, Wong H, **Salzman AL**, Szabó C: Peroxynitrite-mediated DNA strand breakage activates poly-ADP ribosyl synthetase and causes cellular energy depletion in macrophages stimulated with bacterial lipopolysaccharide. *Journal of Immunology* **156:**350-358, 1996.

26. Zingarelli B, **Salzman AL**, Szabó C: Protective effects of nicotinamide against nitric oxide-mediated vascular failure in endotoxic shock: potential involvement of poly-ADP ribosyl synthetase. *Shock* **5:***258*-264, 1996.

27. Brilli R, Krafte-Jacobs B, Smith D, Roselle D, Passerini D, Vromen A, Moore L, Szabó C, **Salzman AL:** Intratracheal instillation of a novel NO/nucleophile adduct selectively reduces pulmonary hypertension. *Journal of Applied Physiology* **83:**1968-1975, 1997.

28. Cuzzocrea S, Zingarelli B, Hake P, **Salzman AL**, Szabó C: Anti-inflammatory effects of mercaptoethylguanidine, a combined inhibitor of nitric oxide synthase and peroxynitrite scavenger, in carrageenan-induced models of inflammation. *Free Radical Biological Medicine* **24:**450-459, 1997.

29. Cuzzocrea S, Tailor A, Zingarelli B, **Salzman AL**, Flower R, Szabó C, Perretti M: Lipocortin 1 protects against splanchnic artery occlusion and reperfusion injury by affecting neutrophil migration. *Journal of Immunology* **159:**5089-5097, 1997.

30. Cuzzocrea S, Zingarelli B, Costantino G, Szabó A, **Salzman AL**, Caputi A, Szabó C: Beneficial effects of 3-aminobenzamide, an inhibitor of poly (ADP-ribose) synthetase in a rat model of splanchnic artery occlusion and reperfusion. *British Journal of Pharmacology* **121:**1065-1074, 1997.

31. Cuzzocrea S, Zingarelli B, Gilad E, Hake P, **Salzman AL**, Szabó C: Protective effect of melatonin in carrageenan-induced models of local inflammation: Relationship to inhibitory effect on nitric oxide production and its peroxynitrite scavenging activity. *Journal of Pineal Research* **23:**106-116, 1997.

32. Cuzzocrea S, Zingarelli B, O'Connor M, **Salzman AL**, Caputi A, Szabó C: Role of peroxynitrite and activation of poly (ADP-ribose) synthetase in the vascular failure induced by zymosan-activated plasma. *British Journal of Pharmacology* **122:**493-503, 1997.

33. Gardner PR, Costantino G, Szabó C, **Salzman AL**: Nitric oxide sensitivity of the aconitases. *Journal of Biological Chemistry* **272:**25071-25076, 1997.

34. Gilad E, Cuzzocrea S, Zingarelli B, **Salzman AL**, Szabó C: Melatonin is a scavenger of peroxynitrite. *Life Sciences* **60:**PL169-174, 1997.

35. Gilad E, O'Connor M, **Salzman AL**, Szabó C: Protection by inhibition of poly (ADP ribose) synthase against oxidant injury in cardiac myoblasts *in vitro*. *Journal of Molecular and Cellular Cardiology* **29:**2585-2597, 1997.

36. Gilad E, Zingarelli B, O'Connor M, **Salzman AL**, Bertók L, Szabó C: Effects of radiodetoxified endotoxin on nitric oxide production in J774 macrophages and in endotoxin shock. *Journal of Endotoxin Research* **3:**513-516, 1997.

37. Gilad E, Zingarelli B, **Salzman AL**, Szabó C: Protection by inhibition of poly (ADP-ribose) synthetase against oxidant injury in cardiac myoblasts *in vitro*. *Journal Molecular Cellular Cardiology* **29:**2585-2597, 1997.

38. Haskó G, Németh Z, Szabó C, Zsilla G**, Salzman AL**, Vizi ES: Isoproterenol inhibits 1L-10, TNF-a and nitric oxide production in RAW 264.7 macrophages. *Brain Research Bulletin,* **45:**183-187, 1997.

39. Hrabák A, Bajor T, Southan G**, Salzman AL**, Szabó C: Comparison of the inhibitory effect of isothiourea and mercaptoalkylguanidine derivatives on the alternative pathway of arginine metabolism in macrophages. *Life Sciences* **60:**395-401, 1997.

40. Invernizzi P, **Salzman AL**, Ueta I, Denenberg A, Szabó C, O'Connor M, Setchell KDR: Ursodeoxycholic acid inhibits induction of NOS in human intestinal epithelial cells and in vivo. *American Journal of Physiology* **273:**G131-G138, 1997.

41. Krafte-Jacobs B, Brilli RJ, Szabó C, Denenberg A, Moore L, **Salzman AL**: Circulating methemoglobin, nitrate, and nitrite concentrations as indicators of nitric oxide overproduction in critically ill children with shock. *Critical Care Medicine* **25:**1351-1355, 1997.

42. Linn SC, Morelli PJ, Edry I, Cottongim S, Szabó C, **Salzman AL**: Transcriptional regulation of the human inducible nitric oxide synthase gene in an intestinal epithelial cell line. *American Journal of Physiology* **272:**G1499-G1508, 1997.

43. Menconi MJ, **Salzman AL**, Unno N, Ezzel RM, Casey DM, Tsuji Y, Fink MP: Acidosis induces hyperpermeability in Caco-2BBe cultured intestinal epithelial monolayers. *American Journal of Physiology* **272:**G1007-G1021, 1997.

44. Moon R, Parikh A, Szabó C, Fischer J, **Salzman AL,** Hasselgren PO: Complement C3 production in human intestinal epithelial cells is regulated by Il-1beta and TNF-alpha. *Archives of Surgery* **132:**1289-1293, 1997.

45. Németh Z, Szabó C, Haskó G, **Salzman AL**, Vizi ES: Effect of the PDE III inhibitor amrinone on cytokine and nitric oxide production in immunostimulated J774.1 macrophages. *European Journal of Pharmacology*, **339:**215-221, 1997.

46. O'Connor M, **Salzman AL**, Szabó C: Role of peroxynitrite in the protein oxidation and apoptotic DNA fragmentation in vascular smooth muscle cells stimulated with bacterial lipopolysaccharide and interferon-gamma. *Shock* **8:**439-443, 1997.

47. Parikh A, **Salzman AL**, Fischer JE, Szabó C, Hasselgren PO: Interleukin-1 beta and interferon-gamma regulate interleukin-6 production in cultured human intestinal epithelial cells. *Shock* **8:**249-55, 1997.

48. Parikh A, **Salzman AL**, Kane CD, Fischer JF, Hasselgren PO: IL-6 Production in human intestinal epithelial cells following stimulation with IL-1b is associated with activation of the transcription factor NF-kB. *Journal of Surgical Research* **69:**139-144, 1997.

49. **Salzman AL**, Vromen A, Denenberg A, Szabó C: K-ATP channel inhibition improves hemodynamics and cellular energetics in hemorrhagic shock. *American Journal of Physiology* **272:**H688-H694, 1997.

50. Southan GJ, Gauld D, Lubeskie A, Zingarelli B, Cuzzocrea S, **Salzman AL**, Szabó C, Wolff, DJ. Inhibition of nitric oxide synthase with H- pyrazole-1- carboxamidine and related compounds. *Biochemical Pharmacology* **54:**409-417, 1997.

51. Szabó C, Cuzzocrea S, Lim LH, Getting S, Zingarelli B, Flower R, **Salzman AL:** Inhibition of poly (ADP-ribose) synthetase attenuates neutrophil recruitment and exerts anti-inflammatory effects. *Journal of Experimental Medicine* **186:**1041-1049, 1997.

52. Szabó C, Cuzzocrea S, Zingarelli B, O'Connor M, **Salzman AL**: Endothelial dysfunction in endotoxic shock: importance of the activation of poly(ADP-ribose) synthetase (PARS) by peroxynitrite. *Journal of Clinical Investigation* **100:**723-735, 1997.

53. Szabó C, Ferrer-Sueta G, Zingarelli B, Southan G, **Salzman AL**, Radi R: Mercaptoethylguanidine and guanidine inhibitors of nitric-oxide synthase react with peroxynitrite and protect against peroxynitrite-induced oxidative damage. *Journal of Biological Chemistry* **272:**9030-9036, 1997.

54. Szabó C, Haskó G, Zingarelli B, Németh Z, **Salzman AL**, Kvetan V, Pastores S, Vizi E: Isoproterenol regulates tumor necrosis, interleukin-10, interleukin-6, and nitric oxide production and protects against the development of vascular hyporeactivity in endotoxemia. *Immunology* **90:**95-100, 1997.

55. Szabó C, Lim L, Cuzzocrea S, Getting S, Zingarelli B, Flower R, **Salzman AL**, Perretti M: Inhibition of poly (ADP-ribose) synthetase attenuates neutrophil recruitment and exerts anti-inflammatory effects. *Journal of Experimental Medicine* **186:**1041-1049, 1997.

56. Szabó C, O'Connor M, **Salzman AL:** Endogenously produced peroxynitrite induces the oxidation of mitochondrial and nuclear proteins in immunostimulated macrophages. *Federation of European Biochemical Societies Letters* **409:**147-150, 1997

57. Szabó C, Saunders C, O'Connor M, **Salzman AL**: Peroxynitrite causes energy depletion and increases permeability via activation of poly-ADP ribosyl synthetase in pulmonary epithelial cells. *American Journal of Respiratory Cell Molecular Biology* **60:**105-109, 1997.

58. Szabó C, Wong H, Bauer PI, Kirsten E, O'Connor M, Zingarelli B, Mendeleyev J, Haskó G, Sylvester E, **Salzman AL**, Kun E: Regulation of components of the inflammatory response by 5-iodo-6-amino-1, 2-benzopyrone, an inhibitor of poly (ADP-ribose) synthetase and pleiotropic modifier of cellular signal pathways. *International Journal of Oncology* **10:**1093-1104, 1997.

59. Szabó C, Wong HR, **Salzman AL**: Pre-exposure to heat shock inhibits peroxynitrite-induced activation of poly (ADP) ribosyl transferase and protects against peroxynitrite cytotoxicity in J774 macrophages. *European Journal of Pharmacology* **315:**221-226, 1997.

60. Zingarelli B, Cuzzocrea S, **Salzman AL**, Szabó C: Protection against myocardial ischemia and reperfusion injury by 3-aminobenzamide, an inhibitor of poly(ADP-ribose) synthetase. *Cardiovascular Research*. **36:**205-215, 1997.

61. Zingarelli B, Day B, Crapo J, **Salzman AL**, Szabó C: The potential involvement of peroxynitrite in the pathogenesis of endotoxic shock. *British Journal of Pharmacology* **120:**259-267, 1997.

62. Zingarelli B, Ischiropoulos H, **Salzman AL**, Szabó C: Amelioration by mercaptoethylguanidine of the vascular and energetic failure in haemorrhagic shock in the anesthetized rat. *European Journal of Pharmacology* **338:**55-75, 1997.

63. Zingarelli B, Southan G, Gilad E, O'Connor M, **Salzman AL**, Szabó C: The inhibitory effects of mercaptoalkylguanidines on cyclooxygenase activity. *British Journal of Pharmacology* **120:**357-366, 1997.

64. Zingarelli B, Southan GJ, Gilad E, O'Connor M, **Salzman AL**, Szabó C: Mercaptoethylguanidines are direct inhibitors of cyclooxygenase activity. *British Journal of Pharmacology* **120:**357-366, 1997.

65. Brahn E, Banquerigo ML, Firestein GS, Boyle DL, **Salzman AL**, Szabó C: Collagen-induced arthritis: reversal by mercaptoethylguanidine, a novel anti-inflammatory agent with a combined mechanism of action. *Journal of Rheumatology* **25:**1785-1793, 1998.

66. Cuzzocrea S, Zingarelli B, Hake P, **Salzman AL**, Szabó C: Carrageenan-induced local inflammation: effect of mercaptoethylguanidine, a selective inhibitor of the inducible nitric oxide synthase and a scavenger of peroxynitrite. *Free Radicals in Biology and Medicine* **24**:450-459, 1998.

67. Cuzzocrea S, Zingarelli B, Gilad E, Hake P, **Salzman A**L, Szabó C: Protective effects of 3-aminobenzamide, an inhibitor of poly (ADP-ribose) synthase, in a carrageenan-induced model of local inflammation. *European Journal Pharmacology* **342**:67-76, 1998.

68. Cuzzocrea S, Zingarelli B, O'Connor M, **Salzman AL**, Szabó C: Effect of Lbuthionine-(S,R)-sulfoximine, an inhibitor of gamma-glutamylcysteine synthetase on peroxynitrite- and endotoxic shock - induced vascular failure. *British Journal Pharmacology* **123**:525-537, 1998.

69. Endres M, Scott G, Namura S, **Salzman AL**, Huang P, Moskowitz M, Szabó C: Role of peroxynitrite and neuronal nitric oxide synthase in the activation of poly(ADP-ribose) synthetase in a murine model of cerebral ischemia-reperfusion. *Neuroscience Letters* **248**:41-44, 1998.

70. Endres M, Scott GS, **Salzman AL**, Kun E, Moskowitz M, Szabó C: Protective effects of 5-iodo-6-amino-1, 2-benzopyrone, a potent inhibitor of poly(ADP)-ribose synthetase against peroxynitrite-induced astrocyte damage and stroke development. *British Journal of Pharmacology* **351**:377-382, 1998.

71. Gardner PR, Gardner AM, Martin LA, **Salzman AL**: Nitric oxide dioxygenase: an enzymic function for flavohemoglobin. *Proceedings of the National Academy of Sciences* **95**:10378-10383, 1998.

72. Gilad E, Wong HR, Zingarelli B, Virág L, O'Connor M, **Salzman AL**, Szabó C: Melatonin inhibits the expression of the inducible isoform of nitric oxide synthase in murine macrophages: role of inhibition of NF-kappa B activation. *Federation of American Societies for Experimental Biology Journal* **12**:685-693, 1998.

73. Haskó G, Németh Z, Szabó C, Zsilla G, **Salzman AL**, Vizi ES: Isoproterenol inhibits IL-10, TNF and nitric oxide production in RAW 264.7 macrophages. *Brain Research Bulletin* 45: 183-187, 1998.

74. Haskó G, Shanley T, Egnaczyk G, Németh Z, **Salzman AL**, Vizi S, Szabó C: Exogenous and endogenous catecholamines inhibit the production of macrophage inflammatory protein (MIP)1alpha via a beta-adrenoceptor mediated mechanism. *British Journal of Pharmacology* **125**:1297-1303, 1998.

75. Haskó G, Szabó C, Németh ZH, **Salzman AL**, Vizi ES: Suppression of IL-12 production by phosphodiesterase inhibition in murine endotoxemia is IL-10 independent. *European Journal Immunology* **28:**468-472, 1998.

76. Haskó G, Szabó C, Nément ZH, **Salzman AL**, Vizi ES: Stimulation of beta-adrenoceptors inhibits endotoxin-induced IL-12 production in normal and IL-10 deficient mice. *Journal of Immunology* **88:**57-61, 1998

77. Haskó G, Virág L, Egnaczyk G, **Salzman AL**, Szabó C: The crucial role of interleukin-10 in the suppression of the immumunological response in mice exposed to staphylococcal enterotoxin B. *European Journal of Immunology* **28:**1417-1425, 1998.

78. Parikh AA, Moon MR, Kane CD, **Salzman AL**, Fischer JE, Hasselgren PO: Interleukin-6 production in human intestinal epithelial cells increases in association with the heat shock response. *Journal of Surgical Research* **77**:40-44, 1998.

79. Kennedy MS, Denenberg AG, Szabó C, **Salzman AL**: Poly(ADP ribose) synthetase activation mediates increased permeability induced by peroxynitrite in Caco-2BBe cells. *Gastroenterology* **114:**510-518, 1998.

80. Lohinai Z, Benedek P, Fehér E, Györfy A, Rosivall L, Fazekas A, Zelles T, **Salzman AL**, Szabó C: Protective effects of mercaptoethylguanidine, a selective inhibitor of inducible nitric oxide synthase in ligature-induced periodontitis in the rat. *British Journal of Pharmacology* **123:**353-360, 1998.

81. Németh Z, Haskó G, Szabó C. **Salzman AL**, Vizi ES: Calcium channel blockers and dantrolene differentially regulate the production of interleukin-12 and interferon-gamma in endotoxemic mice. *Brain Research Bulletin* **46:**257-261, 1998.

82. **Salzman AL**, Eaves-Pyles T, Linn SC, Denenberg AG, Szabó C: Bacterial induction of inducible nitric oxide synthase in cultured human intestinal epithelial cells. *Gastroenterology* **114:**93-102, 1998.

83. Hasko G, Nemeth ZH, Vizi ES, **Salzman AL,** Szabó C: An agonist of adenosine A3 receptors decreases interleukin-12 and interferon-gamma production and prevents lethality in endotoxemic mice. *European Journal of Pharmacology* **358:**261-8, 1998.

84. Haskó G, Szabó C, Németh Z, **Salzman AL**, Vizi ES: Stimulation of beta adrenoceptors inhibits endotoxin-induced IL-12 production in normal and IL-10 deficient mice. *Journal of Neuroimmunology* **88:**57-61, 1998.

85. Southan GJ, **Salzman AL**, Szabó C: Hydroxyguanidines inhibit peroxynitrite-induced oxidation. *Free Radical Biology & Medicine* **25:**914-925, 1998.

86. Szabó A, Hake P, **Salzman AL**, Szabó C: 3-aminobenzamide, an inhibitor of poly (ADP-ribose) synthetase, improves hemodynamics and prolongs survival in a porcine model of hemorrhagic shock. *Shock* **10:**347-353, 1998.

87. Szabó A, **Salzman AL**, Szabó C: Poly (ADP-ribose) synthetase activation mediates pulmonary microvascular and intestinal mucosal dysfunction in endotoxic shock. *Life Sciences* **63**:2133-2139, 1998.

88. Szabó C, Scott G, Virág L, Egnaczyk G, **Salzman AL**, Shanley T, Haskó G: Suppression of macrophage inflammatory protein (MIP)-1alpha production and collagen-induced arthritis by adenosine receptor agonists. *British Journal Pharmacology* **125**:379-387, 1998.

89. Szabó C, Virág L, Cuzzocrea S, Scott GJ, Hake P, O'Connor M, Zingarelli B, **Salzman AL**, Kun E: Protection against peroxynitrite-induced fibroblast injury and arthritis development by inhibition of poly(ADP-ribose) synthetase. *Proceedings of the National Academy Sciences* **95**:3867-3872, 1998.

90. Gardner PR, Costantino G, **Salzman AL**: Constitutive and adaptive detoxification of nitric oxide in *Escherichia coli*. Role of nitric-oxide dioxygenase in the protection of aconitase. *Journal of Biological Chemistry* **273**:26528-33, 1998.

91. Pritts TA, Moon R, Fischer JE, **Salzman AL**, Hasselgren PO: Nuclear factor-kappa B is activated in intestinal mucosa during endotoxemia. *Archives of Surgery* **133**:1311-5, 1998.

92. Virág L, Haskó G, **Salzman AL**, Szabó C: NADPH-diaphorase histochemistry detects inducible nitric oxide synthetase activity in the thymus of naive and *Staphylococcal* enterotoxin B stimulated mice. *Journal of Histochemical Cytochemistry & Cytochemistry* **46:**787-791, 1998.

93. Virág L, **Salzman AL**, Szabó C: Poly (ADP-Ribose) synthetase activation mediates mitochondrial injury during oxidant-induced cell death. *Journal of Immunology* **161:**3753-3759, 1998.

94. Virág L, Scott GS, **Salzman AL**, Szabó C: Peroxynitrite-induced thymocyte apoptosis: the role of caspaces and poly-(ADP-ribose) synthetase (PARS) activation. *Journal of Immunology* **94:**345-355, 1998.

95. Zingarelli B, **Salzman AL**, Szabó C: Genetic disruption of poly(ADP-ribose) synthetase inhibits the expression of P-selectin and intercellular adhesion molecule-1 in myocardial ischemia reperfusion injury. *Circulation Research* **83:**85-94, 1998.

96. Zingarelli B, Virág L, Szabó A, Cuzzocrea S, **Salzman AL**, Szabó C: Oxidation, tyrosine nitration and cytostasis induction in the absence of inducible nitric oxide synthase. *International Journal of Molecular Medicine* **1:**787-795, 1998.

97. Bajor T, Southan GJ, **Salzman AL**, Szabó C, Hrabák A (1998): Theoretical approximation of the partial selectivity of sulfur-based inhibitors of nitric oxide synthase (NOS) isoenzymes. *Medical Science Monitor* **4:**587-95.

98. Zingarelli B, Haskó G, **Salzman AL**, Szabó C: Effects of a novel guanylyl cyclase inhibitor on the vascular actions of nitric oxide and peroxynitrite in immunostimulated smooth muscle cells and in endotoxic shock. *Critical Care Medicine* **27:**1701-7, 1999.

99. Stern Y, **Salzman AL**, Cotton RT, Zingarelli B: Protective effect of 3- aminobenzamide, an inhibitor of poly (ADP-ribose) synthetase, against laryngeal injury in rats. *American Journal of Respiratory and Critical Care Medicine* **160:**1743- 9, 1999.

100. Moon R, Pritts TA, Parikh AA, Fischer JE, **Salzman AL**, Ryan M, Wong HR, Hasselgren PO: Stress response decreases the interleukin-1 beta-induced production of complement component C3 in human intestinal epithelial cells. *Clinical Science* **97:**331-7, 1999.

101. Szabó A, Hake P, **Salzman AL**, Szabó C: Beneficial effects of mercaptoethylguanidine, an inhibitor of the inducible isoform of nitric oxide synthase and a scavenger of peroxynitrite, in a porcine model of delayed hemorrhagic shock. *Critical Care Medicine* **27:**1343-50, 1999.

102. Zingarelli B, Szabó C, **Salzman AL**: Poly(ADP-ribose) synthetase triggers a positive feedback cycle of neutrophil recruitment, oxidant generation, and mucosal injury in colitis. *Gastroenterology* **116:**335-45, 1999.

103. Eaves-Pyles T, Szabó C, **Salzman AL**: Bacterial adhesion mediates microbial activation of NF-□B in enterocytes. *Infection and Immunity* **67:** 00-4, 1999.

104. Wilson L, Szabó C, **Salzman AL**: Protein kinase C-dependent activation of NF-kappa B in enterocytes is independent of IkappaB degradation. *Gastroenterology* **117:**106-14, 1999.

105. Zingarelli B, Szabó C, **Salzman AL:** Reduced oxidative and nitrosative damage in murine experimental colitis in the absence of inducible nitric oxide synthase. *Gut* **45:**199-209, 1999.

106. Moon MR, Parikh AA, Pritts TA, Fischer JE, Cottongim S, Szabó C, **Salzman AL,** Hasselgren PO: Complement component C3 production in IL-1beta-stimulated human intestinal epithelial cells is blocked by NF-kappaB inhibitors and by transfection with ser 32/36 mutant I-kappaB-alpha. *Journal of Surgical Research* **82:**48-55, 1999.

107. Kennedy M, Wilson L, Denenberg AG, Szabó C, **Salzman AL**: 5-ASA inhibits iNOS transcription in human enterocytes: role of IRF-1. *International Journal of Molecular Medicine* **4:**437-43, 1999.

108. Lorch SA, Foust R 3rd, Gow A, Arkovitz M, **Salzman AL**, Szabó C, Vayert B, Geffard M, Ischiropoulos H (2000): Immunohistochemical localization of protein 3- nitrotyrosine and S-nitrosocysteine in a murine model of inhaled nitric oxide therapy. *Pediatric Research* **47:**798-805, 2000.

109. **Salzman AL**, Preiser JC, Setchell K, Szabó C: Isoflavone-mediated inhibition of tyrosine kinase: a novel anti-inflammatory approach. *Journal of Medicinal Food* **2:**179-81, 2000.

110. Parikh AA, Moon MR, Pritts TA, Fisher JE, Szabó C, Hasselgren PO, **Salzman AL**: IL-1beta induction of NF-kB activation in human intestinal epithelial cells is independent of oxyradical signaling. *Shock* **13:**8-13, 2000.

111. Wilmott RW, Kitzmiller JA, Szabó C, Southan GJ, **Salzman AL**: Mercaptoethylguanidinine reduces the inflammatory response in a murine model of chronic infection with *Pseudomonas aeruginosa*. *Journal of Pharmacology and Experimental Therapeutics* **292:**88-95, 2000.

112. Haskó G, Kuhel DG, **Salzman AL**, Szabó C: ATP suppression of interleukin-12 and tumour necrosis factor-alpha release from macrophages. *British Journal of Pharmacology* **129:**909-14, 2000.

113. Haskó G, Kuhel DG, Németh ZH, Mabley JG, Stachlewitz RF, Virág L, Lohinai Z, Southan GJ, **Salzman AL**, Szabó C: Inosine inhibits inflammatory cytokine production by a post-transcriptional mechanism and protects against endotoxic shock. *Journal of Immunology* **164:**1013-9, 2000.

114. Zingarelli B, Scott GS, Hake P, **Salzman AL**, Szabó C: Effects of nicaraven on nitric oxide-related pathways and in shock and inflammation. *Shock* **13:**126-34, 2000.

115. Pritts TA, Moon MR, Wang Q, Hungness ES, **Salzman AL**, Fischer JE, Hasselgren PO. Activation of NF-kappaB varies in different regions of the gastrointestinal tract during endotoxemia. *Shock* **14:**118-22, 2000.

116. Soejima K, McGuire R, Snyder N, Uchida T, Szabó C, **Salzman AL**, Traber LD, Traber DL: The effect of inducible nitric oxide synthase inhibition on smoke inhalation injury in sheep. *Shock* **13:**261-6, 2000.

117. Liaudet L, Szabó A, Soriano FG, Zingarelli B, Szabó C, **Salzman AL**: Poly (ADP-ribose) synthetase activation mediates intestinal mucosal barrier dysfunction after mesenteric ischemia. *Shock* **14:**134-41, 2000.

118. **Salzman AL**, Denenberg A, Linn SC, Szabó C: Progesterone inhibits inducible nitric oxide synthase mRNA expression in human epithelial cells. *International Journal of Molecular Medicine* **6:**209-16, 2000.

119. Bernstein T, Szabó C, **Salzman AL**: Maturation-dependent sequential expression of interferon regulatory factor-1 and inducible nitric oxide synthase in cultured human enterocytes. *Shock* **14:**514-21, 2000.

120. Liaudet L, Soriano FG, Szabó E, Virág L, Mabley JG, **Salzman AL**, Szabó C: Protection against hemorrhagic shock in mice genetically deficient in poly(ADP-ribose) polymerase. *Proceedings of the National Academy of Sciences* **97:**10203-8, 2000.

121. Soriano FG, Virág L, Jagtap P, Szabó É, Mabley JG, Liaudet L, Marton A, Hoyt DG, Murthy KGK, **Salzman AL**, Southan GJ, Szabó C: Diabetic endothelial dysfunction: the role of poly(ADP-ribose) polymerase activation. *Nature Medicine* **7:**108-13, 2001.

122. Soejima K, Traber LD, Schmalstieg FC, Hawkins H, Jodoin JM, Szabó C, Szabó É, Virag L, **Salzman AL**, Traber DL: Nebulized NO/nucleophile reduces pulmonary vascular resistance in mechanically ventilated septic sheep. *American Journal of Respiratory and Critical Care Medicine* **163:**745-52, 2001.

123. Eaves-Pyles T, Murthy K, Liaudet L, Virag L, Ross G, Soriano FG, Szabó C, **Salzman AL**: Flagellin: a novel mediator of *Salmonella*-induced Epithelial Activation and systemic Inflammation: IkappaB-alpha degradation, induction of nitric oxide synthase, induction of proinflammatory mediators, and cardiovascular dysfunction. *Journal of Immunology* **166:**1248-60, 2001.

124. Mabley JG, Suarez-Pinzon WL, Haskó G, **Salzman AL**, Rabinovitch A, Kun E, Szabó C: Inhibition of poly (ADP-ribose) synthetase either by gene disruption or inhibition with 5-iodo, 6-amino-1,2-benzopyrone protects mice from multiple-low-dose streptozotocin-induced diabetes. *British Journal of Pharmacology* **133:**909-19, 2001.

125. Mabley JG, Jagtap P, Perretti M, Getting SJ, **Salzman AL**, Virág L, Szabó É, Soriano FG, Liaudet L, Abdelkarim GE, Haskó G, Marton A, Southan GJ Szabó C: Anti-inflammatory effects of a novel, potent inhibitor of poly(ADP-ribose) polymerase. *Inflammation Research* **50:**561-9, 2001.

126. Soejima K, Traber LD, Schmalstieg FC, Jodoin JM, Szabó C, Szabó E, Virag L, **Salzman AL**, Traber DL: Effects of inducible nitric oxide synthase inhibition on vascular hyperpermeability after cutaneous burn and smoke inhalation combined injury in sheep. *American Journal of Respiratory and Critical Care Medicine* **163:**745-52, 2001.

127. Soejima K, Schmalstieg FC, Traber LD, Szabó C, **Salzman AL**, Traber DL: Role of nitric oxide in myocardial dysfunction after combined burn and smoke inhalation injury. *Burns* **27**:809-15, 2001.

128. Liaudet L, Murthy KGK, Mabley JG, Pacher P, Soriano FG, **Salzman AL**, Szabó C: Comparison of inflammation, organ damage and oxidant stress induced by *Salmonella enterica* serovar Muenchen flagellin and Serovar Enteriditis lipopolysaccharide. *Infection and Immunity* **70:**192-8, 2002.

129. Mabley JG, Haskó G, Liaudet L, Soriano FG, Southan GJ, **Salzman AL**, Szabó C: NF-□B1 (p50) deficient mice are not susceptible to multiple low dose streptozotocin induced diabetes. *Journal of Endocrinology* **173:**457-64, 2002.

130. Shanley TP, Zhao B, Macariola DR, Denenberg A, **Salzman AL**, Ward PA: Role of nitric oxide in acute lung inflammation: lessons learned from the inducible nitric oxide synthase knockout mouse. C*ritical Care Medicine* **30:**1960-8, 2002.

131. Mabley JG, **Salzman AL**, Szabó C: Nicotine reduces the incidence of Type 1 diabetes in mice. *Journal of Pharmacology and Experimental Therapeutics* **300:**876-81, 2002.

132. Jagtap P, Soriano FG, Virag L, Liaudet L, Mabley J, Szabó E, Hasko G, Marton A, Lorigados CB, Gallyas F, Sumegi B. Huang H. Holyt DG, **Salzman AL**, Southan GJ, Szabó C: Novel phenanthridinone inhibitors of poly(ADP-ribose) synthetase: potent cytoprotective and anti-shock agents. *Critical Care Medicine* **30:**1071-82, 2002.

133. Kirov MY, Evgenov OV, Kuklin VN, Southan GJ, **Salzman AL**, Szabó C, Bjertnaes L: Aerosolized linear polyethylenimine-NONO attenuates endotoxin-induced lung injury in sheep. *American Journal of Respiratory and Critical Care Medicine* **166:**1436-42, 2002.

134. Szabó C, Mabley J, Moeller SM, Shimanovich R, Pacher P, Virág L, Soriano FG, VanDuzer JH, Williams W, **Salzman AL**, Groves JT: Pathogenetic role of peroxynitrite in the development of diabetes and diabetic vascular complications: studies with FP15, a novel potent peroxynitrite decomposition catalyst. *Molecular Medicine* **8:**571-80, 2002.

135. Naidu BV, Krishnadasan B, Fraga C, Thomas R, **Salzman AL**, Szabó C, Verrier ED, Mulligan MS: The critical role of reactive nitrogen species in lung ischemia reperfusion injury. *Journal of Heart and Lung Transplantation* **21:**135, 2002.

136. Mabley JG, Liaudet L, Pacher P, Southan GJ, **Salzman AL**, Szabó C: Beneficial effects of the peroxynitrite decomposition catalyst FP15 in murine models of arthritis and colitis. *Molecular Medicine* **8:** 581-90, 2002.

137. Liaudet L, Szabó C, Evgenov O, Murthy KG, Pacher P, Virág L, Mabley J, Marton A, Soriano FG, Kirov M, Bjertnaes LJ, **Salzman AL**: Flagellin from gram-negative bacteria is a potent mediator of acute pulmonary inflammation in sepsis. *Shock* **19:**131-7, 2003.

138. Mabley JG, Liaudet L, Pacher P, Soriano FG, Haskó G, Marton A, **Salzman AL**, Szabó C: Inosine reduces inflammation and improves survival in a murine model of colitis. *American Journal of Physiology* **284:**G138-44, 2003.

139. Naidu BV, Fraga C, **Salzman AL**, Szabó C, Verrier ED, Mulligan MS: Critical role of reactive nitrogen species in lung ischemia-reperfusion injury. *Journal of Heart and Lung Transplantation* **22:**784-93, 2003.

140. Mabley JG, Soriano FG, Pacher P, Haskó G, Marton A, Wallace R, **Salzman AL**, Szabó C: The adenosine A_3 receptor agonist N_6-(3-iodobenzyl)-adenosine-5'-Nmethyluronamide, reduces inflammation and oxidative damage in two murine models of colitis. *European Journal of Pharmacology*, **466:**323-329, 2003.

141. Evgenov OV, Pacher P, Williams W, Evgenov NV, Mabley JG, Cicila J, Síkó ZB, **Salzman AL**, Szabó C: Intramuscular administration of glipizide, an inhibitor of ATP-sensitive potassium channels prolongs survival after severe controlled hemorrhage in rats. *Critical Care Medicine*, **31:**2429-2436, 2003.

142. Mabley JG, Suarez-Pinzon WL, Haskó G, Pacher P, Power R, Southan GJ, **Salzman AL**, Rabinovich A, Szabó C: Inosine protects against diabetes development in multiple low dose streptozotocin and NOD mouse models of type I diabetes. *Molecular Medicine* **9**:96-104, 2003.

143. Shimoda K, Murakami K, Traber LL, Cox RA, Hawkins HK, Schmalstieg FC, Szabó C, **Salzman AL**, Traber DL: Effect of poly(ADP-ribose) synthetase inhibition on burn and smoke inhalation injury in the sheep. *American Journal of Physiology* **285**:L240-L249, 2003.

144. Pinhal-Enfield G, Ramanathan M, Hasko G, Vogel SN, **Salzman AL**, Boons GJ, Leibovich SJ: An angiogenic switch in macrophages involving synergy between Toll-like receptors 2, 4, 7, and 9 and adenosine A(2A) receptors. *American Journal of Pathology* **163:**711-21, 2003.

145. Naidu BV, Farivar AS, Woolley SM, Fraga C, **Salzman AL,** Szabó C, Groves JT, Mulligan MS: Enhanced peroxynitrite decomposition protects against experimental obliterative bronchiolitis. *Experimental Molecular Pathology* **75:**12-7, 2003.

146. Komjáti K, Mabley JG, Virág L, Southan GJ, **Salzman AL**, Szabó C: Poly(ADP-ribose) polymerase inhibition protects neurons and the white matter and regulates the translocation of apoptosis-inducing factor in stroke. *International Journal of Molecular Medicine* **13**:373-382, 2004.

147. Jagtap P, Southan GJ, Baloglu E, Ram S, Mabley JG, Marton A, **Salzman AL**, Szabó C: The discovery and synthesis of adenosine substituted 2,3-Dihydro-1*H*-isoindol-1- ones: Potent Inhibitors of PARP-1. *Bioorganic and Medicinal Chemistry Letters* **5**:81-85, 2004.

148. Pacher P, Mabley JG, Liaudet L, Evgenov OE, Southan GJ, Szabó C, **Salzman AL**: Topical administration of a novel nitric oxide donor, DS1, selectively increases vaginal blood flow in anesthetized rats. *International Journal of Impotence Research* **15**:461-464, 2003.

149. Murthy KGK, Deb A, Goonesekera S, Szabó C, **Salzman AL**: Identification of conserved domains in *Salmonella muenchen* flagellin that are essential for its ability to activate TLR5 and to induce an inflammatory response *in vitro. Journal of Biological Chemistry* **279**:5667-5675, 2004.

150. Mabley JG, Southan GJ, **Salzman AL**, Szabó C: The combined inducible nitric oxide synthase inhibitor and free radical scavenger, guanidinoethyldisulphide, prevents multiple-low-dose-streptozotocin-induced diabetes *in vivo* and interleukin-1ß-induced suppression of islet insulin secretion *in vitro*. *Pancreas* **28**:E39-E44, 2004.

151. Mabley JG, Pacher P, Haskó G, Southan GJ, **Salzman AL**, Szabó C: Inosine protects against development of collagen-induced rheumatoid arthritis. *J Autoimmunity,* in press, 2004.

152. Murakami K, Enkhbaatar P, Shimoda K, Cox RA, Hawkins HK, Chandra A, Mizutami A, Schmalstieg FC, **Salzman AL,** Szabó C, Traber DL: Inhibition of poly(ADP-ribose) synthetase attenuates lung injury in an ovine model of sepsis. *Shock* **21**:126-133, 2004.

153. Woolley SM, Farivar AS, Naidu BV, **Salzman A**, Szabó C, Thomas R, Fraga C, Mulligan MS. Role of poly(ADP) ribose synthetase in lung ischemia-reperfusion injury. *J Heart Lung Transplant* **23**:1290-6, 2004.

154. Maybauer DM, Salsbury JR, Westphal M, Maybauer MO, **Salzman AL**, Szabó C, Westphal-Varghese BB, Traber LD, Traber DL. The ATP-sensitive potassium-channel inhibitor glibenclamide improves outcome in an ovine model of hemorrhagic shock. *Shock* **22**:387-91, 2004.

155. Farivar AS, Woolley SM, Naidu BV, Fraga CH, Byrne K, Thomas R, **Salzman AL**, Szabó CS, Mulligan MS. Poly (ADP) ribose synthetase inhibition reduces obliterative airway disease in rat tracheal allografts. *J Heart Lung Transplant* **23**:993-1002, 2004.

156. Murthy KG, Szabó C, **Salzman AL**. Cytokines stimulate expression of inducible nitric oxide synthase in DLD-1 human adenocarcinoma cells by activating poly(A) polymerase. *Inflamm Res* **53**:604-8, 2004.

157. Farivar AS, Woolley SM, Fraga CH, Thomas R, **Salzman AL**, Szabó C, Mulligan MS. Intratracheal poly (ADP) ribose synthetase inhibition ameliorates lung ischemia reperfusion injury. *Ann Thorac Surg* **77**:1938-43, 2004.

158. Cheng CL, Johnson SP, Keir ST, Quinn JA, Ali-Osman F, Szabó C, Li H, **Salzman AL**, Dolan ME, Modrich P, Bigner DD, Friedman HS. Poly(ADP-ribose) polymerase-1 inhibition reverses temozolomide resistance in a DNA mismatch repair-deficient malignant glioma xenograft. *Mol Cancer Ther* **4**:1364-8, 2005.

159. Jagtap PG, Baloglu E, Southan GJ, Mabley JG, Li H, Zhou J, van Duzer J, **Salzman AL**, Szabó C. Discovery of potent poly(ADP-ribose) polymerase-1 inhibitors from the modification of indeno[1,2-c]isoquinolinone. *J Med Chem* **48**:5100-3, 2005.

160. Neville LF, Barnea Y, Hammer-Munz O, Gur E, Kuzmenko B, Kahel-Raifer H, Eren R, Elkeles A, Murthy KG, Szabó C, **Salzman AL**, Dagan S, Carmeli Y, Navon-Venezia S. Antibodies raised against N'-terminal *Pseudomonas aeruginosa* flagellin prevent mortality in lethal murine models of infection. *Int J Mol Med* **16**:165-71, 2005.

161. Jagtap PG, Baloglu E, Southan G, Williams W, Roy A, Nivorozhkin A, Landrau N, Desisto K, **Salzman AL**, Szabó C. Facile and convenient syntheses of 6,11-dihydro-5H-indeno[1,2-c]isoquinolin-5-ones and 6,11-dihydro-5H-indolo[3,2-c]isoquinolin-5-one. *Org Lett* **28**:1753-6, 2005.

162. Bjertnaes LJ, McGuire R, Jodoin J, **Salzman AL**, Traber LD, Passerini DJ, Smith DJ, Szabó C, Traber DL. Nebulized nitric oxide/nucleophile adduct reduces pulmonary vascular resistance in mechanically ventilated septicemic sheep. *Crit Care Med* **33**:616-22, 2005.

163. Lange M, Szabó C, Van Aken H, Williams W, Traber DL, Daudel F, Bróking K, **Salzman AL**, Bone HG, Westphal M. Short-term effects of glipizide (an adenosine triphosphate-sensitive potassium channel inhibitor) on cardiopulmonary hemodynamics and global oxygen transport in healthy and endotoxemic sheep. *Shock*. **26**:516-21, 2006.

164. Morrow DA, Brickman CM, Murphy SA, Baran K, Krakover R, Dauerman H, Kumar S, Slomowitz N, Grip L, McCabe CH, **Salzman AL**. A randomized, placebo-controlled trial to evaluate the tolerability, safety, pharmacokinetics, and pharmacodynamics of a potent inhibitor of poly(ADP-ribose) polymerase (INO-1001) in patients with ST elevation myocardial infarction undergoing primary percutaneous coronary intervention: results of the TIMI 37 trial. *J Thromb Thrombolysis* 2008.

165. Mabley JG, Pacher P, Murthy KG, Williams W, Southan GJ, **Salzman AL**, Szabo C. The novel inosine analogue, INO-2002, protects against diabetes development in multiple low-dose streptozotocin and non-obese diabetic mouse models of type I diabetes. *J Endocrinol* 198:581-9, 2008.

166. Maybauer DM, Maybauer MO, Szabo C, Westphal M, Traber LD, Enkhbaatar P, Murthy KG, Nakano Y, **Salzman AL**, Herndon DN, Traber DL. Lung-protective effects of the metalloporphyrinic peroxynitrite decomposition catalyst WW-85 in interleukin-2 induced toxicity. *Biochem Biophys Res Commun* 377:786-91, 2008.

167. Mabley JG, Pacher P, Murthy KG, Williams W, Southan GJ, **Salzman AL**, Szabó C. The novel inosine analogue, INO-2002, exerts an anti-inflammatory effect in a murine model of acute lung injury. *Shock* 32:258-262, 2009.

168. Maybauer DM, Maybauer MO, Szabó C, Cox RA, Westphal M, Kiss L, Horvath EM, Traber LD, Hawkins HK, **Salzman AL**, Southan GJ, Herndon DN, Traber DL. The peroxynitrite catalyst WW-85 improves pulmonary function in ovine septic shock. *Shock* 35:148-55. 2011.

169. Maybauer DM, Maybauer MO, Szabó C, Westphal M, Traber LD, **Salzman AL**, Herndon DN, Traber DL. The peroxynitrite catalyst WW-85 improves microcirculation in ovine smoke inhalation injury and septic shock. *Burns* 37:842-50, 2011.

170. Berger NA, Besson VC, Boulares AH, Bürkle A, Chiarugi A, Clark RS, Curtin NJ, Cuzzocrea S, Dawson TM, Dawson VL, Haskó G, Liaudet L, Moroni F, Pacher P, Radermacher P, **Salzman AL**,

Snyder SH, Soriano FG, Strosznajder RP, Sümegi B, Swanson RA, Szabó C. Opportunities for the repurposing of PARP inhibitors for the therapy of non-oncological diseases. *Br J Pharmacol* 2018 Jan;175(2):192-222.

171. Zohar Y, Wildbaum G, Novak R, **Salzman AL**, Thelen M, Alon R, Barsheshet Y, Karp CL, Karin N. CXCL11-dependent induction of FOXP3-negative regulatory T cells suppresses autoimmune encephalomyelitis. *J Clin Invest* 2017 Oct 2;127(10):3913.

172. Henning SW, Fernandez MF, Mahon JP, Duff R, Azarafrooz F, Guevara-Patiño JA, Rademaker AW, **Salzman AL**, Le Poole IC. HSP70iQ435A-encoding DNA repigments vitiligo lesions in Sinclair swine. *J Invest Dermatol* 2018 Dec;138(12):2531-2539.

173. Ito H, Malgerud E, Asmussen S, Lopez E, **Salzman AL**, Enkhbaatar P. R-100 improves pulmonary function and systemic fluid balance in sheep with combined smoke-inhalation injury and *Pseudomonas aeruginosa* sepsis. *J Transl Med* 2017 Dec 28;15(1):266.