

Presentation at National/International Conferences (Dr. Girdhari Lal)

1999-2020

2020

1. **Lal G (2020)** Cellular and molecular crosstalk in inflammation and autoimmunity. Online Faculty Development Programme on Current Trends in Life Sciences at Vellore Institute of Technology (VIT) Vellore on 17 December 2020. (*Invited Talk*).
2. **Lal G (2020)** Mechanism of Immunopathogenesis in cancer. Virtual FIMSA course 2020, PGI, Chandigarh, 8-10th October 2020. (*Invited Talk*)
3. Paul S, Mishra A, Chhatar S, **Lal G (2020)** Activated NK T cells promote the inflammatory tumor microenvironment and control the growth of solid tumor. 35th Anniversary annual meeting of Society for immunotherapy of cancer (SITC 2020), USA. 11-14th November 2020.
4. **Lal G (2020)** Chemokine Receptor CCR6 signaling in Gut inflammation and autoimmunity. Virtual Annual Meeting of the Society for Leukocyte Biology 2020 in meeting titled 'Host-Microbial Interactions in Health and Disease: The good, the Bad and the Ugly, held at Portland, Oregon on 28th July 2020. (*Invited Talk*)
5. **Lal G** and Giri S (**2020**) V γ 2⁺ gamma-delta ($\gamma\delta$) T cells promotes the survival of skin allografts in the presence of anti-CD40L-induced transplantation tolerance. Immunology 2020, Hawaii Convention Center, Honolulu, Hawaii, on 8-12th May. (*Oral Presentation*)
6. **Lal G**, Patahak M, Namrita Halder and Padghan P (**2020**) CCR9⁺ dendritic cells promote the differentiation of Foxp3⁺ regulatory CD4 T cells. Immunology 2020, Hawaii Convention Center, Honolulu, Hawaii, on 8-12th May. (*Oral Presentation*)
7. Heikrujam T., Kulkarni T, Shirolkar A, Rapole S, Sharma P, **Lal G. (2020)** Chemokine receptor CCR6 intrinsic signaling alters metabolic reprogramming of Th17 cell during gut inflammation and autoimmunity. 12th International Congress on Autoimmunity, Athens, Greece, on 20-24th May. (*Oral Presentation*)
8. Pathak M, Halder N, Padghan P, **Lal G. (2020)** CCR9 intrinsic signaling in dendritic cells promote the differentiation of Foxp3⁺ Regulatory CD4 T cells in the gut. 12th International Congress on Autoimmunity, Athens, Greece, on 20-24th May. (*Oral Presentation*)
9. Meitei HT, Shirolkar A, Rapole S and **Lal G (2020)** Intrinsic signalling of CCR6 and T cell receptor alters the gene expression and cellular metabolism of Th17 cells during gut inflammation. Mini-symposium titled 'Signals from the Gut' at National Centre for Cell Science, Pune on 5-6th January. (*Invited talk*).
10. Chhatar S and **Lal G (2020)** Effect of adrenergic receptor signalling in CD4 T cells during gut inflammation and autoimmunity. Mini-symposium titled 'Signals from the Gut' at National Centre for Cell Science, Pune on 5-6th January. (*Poster Presentation.*)
11. Padghan P and **Lal G (2020)** CCR6 signaling modulates class-switch recombination in B cells during gut inflammation. Mini-symposium titled 'Signals from the Gut' at National Centre for Cell Science, Pune on 5-6th January. (*Poster Presentation.*)
12. **Lal G (2020)** Discipline, education, and territorial restriction of immune cells in the tissues for a healthy body and function. International symposium on basic and advanced translational immunology (BATI-2020) at Central University of Kerala, Tejaswini Hills, Periya, Kasaragod. On 5-7th March. (*Invited talk*)

2019

13. **Lal G (2019)** Phenotypic and functional plasticity of Th17 and Tregs in inflammation and autoimmunity. Guest lecture at Post-Graduate Institute of Medical Education and Research (PGIMER), Chandigarh on 9th December.
14. Meitei HT, Shirolkar A, Rapole S, **Lal G (2019)** Chemokine receptor CCR6 signaling interacts with T cell receptor signaling and modulate the inflammatory function of Th17 cells. Indian

Immunology Society conference 2019 (Immunocon2019) held on 14-16th November at Mumbai. *(Oral Presentation)*

15. Karmakar S and **Lal G (2019)** Role of serotonin receptors in anti-tumor immunity. 5th International conference on Translational Research: Recent Trends in Pre-translational to translational Research held at National Centre for Cell Science, Pune on 7-9th November. *(Poster Presentation)*.
16. Mishra A and **Lal G (2019)** Role of neurokinin 1 receptor on gut inflammation and autoimmunity. Indian Immunology Society conference 2019 (Immunocon2019) held on 14-16th November at Mumbai. *(Oral Presentation)*
17. Halder N, Kumar D and **Lal G (2019)** Acetylcholine receptors control the CD4⁺ T cell response during gut inflammation and autoimmunity. Indian Immunology Society conference 2019 (Immunocon2019) held on 14-16th November at Mumbai. *(Oral Presentation)*
18. Chhatra S and **Lal G (2019)** Effect of adrenergic receptor signalling in CD4 T cells during gut inflammation and autoimmunity. Indian Immunology Society conference 2019 (Immunocon2019) held on 14-16th November at Mumbai. *(Poster Presentation)*
19. **Lal G (2019)** Importance of gamma-delta ($\gamma\delta$) T cells in transplantation tolerance. Indian Immunology Society conference 2019 (Immunocon2019) to be held on 14-16th November at Mumbai. *(Invited talk)*
20. **Lal G (2019)** Effect of peripheral inflammation on blood-brain barrier structure and function in neuronal autoimmunity. International Brain Research Organization-Asia Pacific Regional Committee (IBRO-APRC) school on theme "Blood-brain Barrier: from basic physiology to Neurological Disorders" organized by Panjab University, Chandigarh from 4-9th November. *(Invited Talk)*
21. **Lal G (2019)** CAR-T cell therapy- Opportunities and Challenges. 3rd Annual Conference of Cochin Cancer Research Centre (Canquer 2019) held at 8-9th November 2019 at KINFRA Biotechnology Park, Kalamassery, Kochi. *(Invited Keynote Talk)*.
22. **Lal G (2019)** Plasticity of CD4 T cell subsets in inflammation and autoimmunity. Society of Inflammation Research conference 2019 (SIRCON 2019) held on 13th October at Chennai. *(Invited talk)*
23. **Lal G (2019)** Neuro-immune communication during inflammation and autoimmunity. National Symposium on Basic and Translational Research in Cancer Biology held on 11-12th September at Institute of Advance Research, Koba Institutional Area, Gandhinagar, Gujarat. *(Invited Talk)*
24. **Lal G (2019)** Activation of natural killer T (NKT) cells alter the tumor microenvironment and reduces the growth of solid tumor. Carcinogenesis 2019 conference, 'Emerging Horizons in Oncology: Molecules to Therapeutics Global Perspectives and Challenges held on 27-29th September 2019 at Gujarat University, Ahmedabad. *(Invited Talk)*
25. Sonar SA, Meitei HT, Lenka, and **Lal G (2019)** IL-23 produced by Th17 cells in the central nervous system drives the apoptosis of neurons during experimental autoimmune encephalomyelitis. In 17th International congress of Immunology to held between 18-23rd October 2019 at Beijing, China.
26. **Lal G (2019)** Basic Research Questions in Inflammatory Bowel Diseases. In National Alliance for Translational Research In Autoimmune Diseases' (NATRAD) held at IICB, Kolkata on 20-21st June 2019. *Invited talk*.
27. **Lal G (2019)** Cells, cytokines, autoantibodies in Autoimmunity: Evidence and how to utilize the current information in model building. *Autoimmunity: In Silico modeling consortium*. Organized by ChanRe Hospital and Research Centre, Bangalore on 27th April 2019. *Invited talk*.
28. **Lal G (2019)** Basics of Cancer Immunotherapy: A game of three dimensional chess! In 1st Immuno-Oncology Society of India Congress 2019, held at Tata Memorial Centre, Mumbai between 15-17th March. *Invited Talk*.
29. Meitei HT, and **Lal G (2019)** Chemokine receptor CCR6 signaling controls the pathogenicity of Th17 cells. National Conference on emerging Trends in disease model systems, organized by

National Centre for Cell Science and National Academy of Sciences, India (NASI) on 25-26th March. *Poster presentation*.

30. Halder N, and **Lal G (2019)** Role of acetylcholine receptors in the modulation of immune response in inflammation and autoimmunity. Asian Advanced Course in Basic and Clinical Immunology organized by Federation of Clinical Immunology Societies (FOCIS) in held at Jaipur, Rajasthan between 26-29 March (*Poster presentation*).
31. Padghan P, and **Lal G (2019)** B cell-intrinsic signaling controls Ig class-switch recombination during gut inflammation. International Conference on Molecular Signaling (ICMS-2019) held at NCCS, Pune on 23-25th January. (*Poster presentation*)

2018

32. **Lal G (2018)** Mechanism of entry of pathogenic CD4 T cells in the central nervous system and its interaction with neurons. XLII All India Cell Biology Conference, The Cell in Action: Trends in Cell and Molecular Biology held at Organized by Department of Biological Sciences, BITS Pilani, Goa, India on 21-23th December. (*Invited speaker*)
33. **Lal G (2018)** Chemokine receptor CCR6 signaling perturbs cellular and metabolism in CD4 T cells and promotes a pathogenic response in gut autoimmunity. Indo-US workshop on Understanding cell biology through proteomics and metabolomics held at NCCS, Pune on 10-11th December.
34. Meitei HT, Kulkarni N, Shirolkar A, Rapole S and **Lal G (2018)** Chemokine receptor CCR6 signaling alters several important physiological and metabolic pathways in the Th17 cells. 10th Annual meeting of Proteomics Society, India and International Conference on Proteomics for Cell Biology and Molecular Medicine held at NCCS, Pune from 12-14th December. (*Poster presentation*).
35. **Lal G (2018)** The non-chemotactic function of CCR6 controls the plasticity of Th17 and Tregs. 45th Annual Conference of the Indian Immunology Society (IIS), IMMUNOCON 2018 held at Faridabad, Gurgaon from 1st-3rd November. (*Invited talk*).
36. Padghan P and **Lal G (2018)** CCR6 signaling modulates class switch recombination in B cells during gut inflammation. 45th Annual meeting of Indian Immunology Society held at THSTI, Faridabad on 1-3rd November 2018 (*Oral Presentation*)
37. Nawadkar R, Kamble A, Mullick J, **Lal G**, Sahu A (**2018**) Role of complement anaphylatoxins C3a and C5a generated in the infection locale protect from viral infection. Annual meeting of Biological Engineering Society of India (BESCON) organized at IIT Bombay on 26-27th October. (*Poster Presentation; Best poster Award*).
38. Mishra A, Halder N and **Lal G (2018)** Role of neurotransmitters in modulating the immune cell functions. NCCS Retreat held on 26th September 2018 at Lonavala. (*Best Poster award*).
39. Meitei HT and **Lal G (2018)** Chemokine receptor CCR6 signaling promotes differentiation of inflammatory Th17 cells. NCCS Cell biology Mini-symposia organized at NCCS Pune (*Poster presentation*).
40. Meitei HT, Shirolkar A, Rapole S and **Lal G (2018)** Molecular interaction of T cell receptor and chemokine receptor CCR6 signaling in the differentiation of pathogenic Th17 cells in autoimmunity. 2nd Society of Inflammation Research conference held at Bangalore on 19th August 2018. (*Oral Presentation, Best oral presentation award*)
41. **Lal G (2018)** Neuro-immune communication in inflammation and autoimmunity. CME programme organized by Society of Inflammation Research, to be held at Bangalore on 18th July. (*Invited faculty*)
42. **Lal G (2018)** Tumor microenvironment drive how we treat cancers in future. IMsummit-2: Current Debates in Immuno-Oncology held in Mumbai on 30th June 2018 (*Invited speaker*).
43. **Lal G (2018)** The role of inflammatory signals on transmigration of Th1 and Th17 cells across the BBB in neuronal autoimmunity. Bangalore NeuroImmunology Update 2018 held at Malleswaram, Bangalore between 22-24 June. (*Invited speaker*).
44. **Lal G (2018)** Transmigration of CD4 T cells across the blood-brain barrier during neuroinflammation and autoimmunity. Pasteur Institute, Lille, France on 22nd May. (*Invited Talk*).

45. Kulkarni N, Meitei HT, Sharma PK, Mujeeb VR, Srivastava S, **Lal G (2018)** The non-chemotactic function of CCR6 promotes differentiation of pathogenic Th17 cells during gut inflammation and autoimmunity. 11th International Congress of Autoimmunity held at Lisbon, Portugal between 16-20 May. *(Talk)*
46. **Lal G (2018)** Biology of T cells: A historical and current perspective. Department of Biotechnology, Pondicherry University, Pondicherry. *(Invited Guest Lecture)*.
47. **Lal G (2018)** Education, discipline and territorial restriction of immune cells are necessary for the healthy body. National Seminar on Trends in Biology held at Department of Zoology, S. P. Pune University, Pune on 23rd March. *(Invited Talk)*.
48. Sonar SA and **Lal G (2018)** Effect of peripheral inflammation on the transmigration of immune cells across the blood-brain barrier. National Symposium on Trends in Biochemistry in Post-Genomic organized at Department of Biochemistry and Molecular Biology, Pondicherry University on 27-28th February 2018. *(Invited Talk)*
49. **Pathak M**, Padghan P and **Lal G (2018)** CCR9⁺ dendritic cells (DCs) promote regulatory CD4⁺ T cell differentiation during gut inflammation. International congress of Cell Biology 2018 held in Hyderabad, on 27th-31st January. *(Poster)*.
50. **Lal G (2018)** Role of CCR6 in the differentiation and function of Th17 and Tregs during inflammation and autoimmunity. Molecular Immunology Forum 2018 held on 14-16th January at Diveagar, Maharashtra *(Invited Talk)*.

2017

51. Kulkarni N, Meitei HT, **Lal G (2017)** Chemokine receptor CCR6 signaling in the differentiation and function CD4 T cells during gut inflammation and autoimmunity. 44th Annual Conference of the Indian Immunology Society (IIS), IMMUNOCON 2017 held at Ahmedabad from 14-16th December. *(Invited talk)*.
52. **Lal G (2017)** The non-chemotactic function of chemokine receptor in inflammation and autoimmunity. Society of Inflammation Research (SIR) inaugural conference (SIRCON) 2017 held on 29th October at Bangaluru. *(Invited talk)*.
53. **Padghan P**, Pathak P and **Lal G (2017)** CCR6 affects the class switch recombination in B cells during homeostasis and gut inflammation. 3rd Mini-symposium on Cell Biology held at National Centre for Cell Science (NCCS), Pune on 23rd May. *(Poster)*
54. **Pathak M**, Padghan P and **Lal G (2017)** CCR9⁺ dendritic cells (DCs) promote regulatory CD4⁺ T cells during gut inflammation. 3rd Mini-symposium on Cell Biology held at National Centre for Cell Science (NCCS), Pune on 23rd May. *(Poster)*
55. **Lal G (2017)** The location of cellular meeting controls the alloimmunity, autoimmunity and immunity. Invited talk on World Immunology Day on 29th April at Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Dr. D. Y. Patil Vidyapeeth (Deemed University) Tathawade, Pune. *(Invited talk)*.
56. **Lal G (2017)** Adoptive cellular therapy: Exploiting the potential of bad and good cells is new good. XXIII Annual Convention of Indian Society for Veterinary Immunology and Biotechnology and National Conference on Challenges in Livestock and Poultry productions with Biotechnology held on 17-19th April 2017 at Krantisinh Nana Patil College of Veterinary Science, Shirwal, Satara, Maharashtra. *(Invited talk)*.
57. **Lal G (2017)** Effect of inflammatory signals on blood-brain barrier in transmigration of inflammatory CD4 T cells. *Molecular Immunology Forum (MIF)* on 10-11 March at Chandigarh. *(Invited talk)*.
58. Sonar S, and **Lal G (2017)** Transendothelial migration of Th17 cells across the blood-brain barrier during inflammation and autoimmunity. 43rd Annual Conference of Indian Immunology Society, Immunocon 2016 held on 16-18th February 2017 in Visakhapatnam. *(Invited lecture)*.
59. **Shilpi** and **Lal G (2017)** Gamma-delta ($\gamma\delta$) T cells help in the generation of costimulatory blockade-induced transplantation tolerance. 43rd Annual Conference of Indian Immunology

Society, Immunocon 2016 held on 16-18th February 2017 in Visakhapatnam. (*Best Oral Presentation Award*)

2016

60. Kulkarni N, Sharma, PK, Mujeeb VR, Srivastava S, Puri P and **Lal G. (2016)** CCR6 intrinsic signaling in the CD4 T cells promotes the differentiation of inflammatory Th17 cells during autoimmune colitis. 57th Annual Conference of Indian Society of Gastroenterology held on 15-18 December at New Delhi. India. (*Poster Presentation*).
61. Kulkarni N, Sethi A, Shaikh S and **Lal G (2016)** Non-chemotactic function of chemokine receptor CCR6 in the differentiation of Th17 and Treg cells. Cytokine2016 held on 16-19th October 2016 in San Francisco, USA. (*Poster Presentation*)
62. Sonar S, Kulkarni N. and **Lal G. (2016)** Role of chemokine receptor signaling in the inflammation and autoimmunity. Maastricht University, Netherlands and NCCS Workshop held at NCCS Pune on 10th March.
63. Kulkarni N. and **Lal G (2016)** CCR6 intrinsic signaling promotes Th17 cell differentiation during autoimmunity. International Congress of Immunology 2016 held from 21-26 August 2016 at Melbourne, Australia. (*Mini-Oral Presentation; AAI travel Award 2016*). ***Eur. J. Immunol. 2016, 46(Suppl.1):359.***
64. Sonar S and Lal G **(2016)** IFN- γ signaling at the blood-brain barrier (BBB) endothelial cells has inflammatory function but in parenchyma plays a regulatory role during autoimmunity. International Congress of Immunology 2016 held from 21-26 August 2016 at Melbourne, Australia. (*Oral Presentation, Travel Award by AAI*). ***Eur. J. Immunol. 2016, 46(Suppl.1):563.***
65. Paul S and **Lal G (2016)** Intratumoral Natural Killer (NK) cells possess inhibitory phenotype and suppress Th1 effector function. International Congress of Immunology 2016 held from 21-26 August 2016 at Melbourne, Australia. (*Mini-Oral Presentation*) ***Eur. J. Immunol. 2016, 46(Suppl.1):89.***
66. **Lal G. (2016)** Transendothelial migration of Th17 cells across the blood-brain barrier during inflammation and autoimmunity. Symposia on Pathogens and Host Response organized by National institute of Immunology (NII) New Delhi on 10-12th August. (*Invited Talk*)
67. **Lal G. (2016)** Role of intratumoral natural killer cells in shaping the effector CD4 T cell response. Presented in International mini-conference on 'Novel Therapeutic Approaches Targeting Cancer and Cancer Stem Cell' held at NCCS, Pune on 18th March 2016.
68. Patta I, **Lal G**, Galande S **(2016)** Role of chromatin organizer SATB1 during development of regulatory T cells. 43rd Scandinavian Society for Immunology Meeting, Turku, Finland organized on 10-13 May. (*Poster presentation*)
69. **Lal G. (2016)** Non-chemotactic function of chemokine receptor CCR6 in the inflammation and autoimmunity. System Immunology and Genetics of Infectious Diseases (SIGID) meeting on 29th-31st May 2016 at Nimes, France. (*Invited Talk*).
70. Paul S and **Lal G (2016)** Tumor infiltrating natural killer T (NKT) cells express reduced Th1 and increased Th17 cytokine, and contribute to the tumor growth. Platinum Jubilee conference: New Ideas in cancer challenging dogmas organized by Tata Memorial Centre, Mumbai from 26-28 February 2016. (*Poster presentation*)

2015

71. Sonar S and **Lal G (2015)** IFN- γ regulates transendothelial migration of CD4 T cells at blood-brain barrier (BBB) during inflammation and autoimmunity. MCB75:From Molecules to Organisms organized by Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore held on December 11-14, 2015. (*Poster presentation*)
72. Paul S and **Lal G (2015)** Intratumoral NK cells inhibit the differentiation of effector Th1 cells and promote tumor growth. International Conference of Cancer Research: New Horizons. Held at National Centre for Cell Science, Pune on 19-21st November, 2015. (*Oral Presentation*)

73. Sonar S and Lal G (2015) Changes at blood-brain barrier (BBB) during inflammation and autoimmunity. XXXIII Annual Conference of Indian Academy of Neurosciences (IAN2015) on theme 'Neuroscience Research from Mechanisms and Applications' held at Punjab University Chandigarh on October 31-November 2nd, 2015. *(Invited talk)*
74. Sonar S and Lal G (2015) IFN- γ regulates transendothelial migration of CD4 T cells at blood-brain barrier (BBB). Infection and molecular epidemiology conference held at Udaipur, India on 29-31st October, 2015. *(Invited talk)*
75. Paul S and Lal G (2015) Role of NK cells in the regulation of CD4 T cell Differentiation in the tumor microenvironment. 6th International Conference on Stem Cells and Cancer (ICSCC-2015): Proliferation, Differentiation and apoptosis held at Pune India on 2-5th October 2015. *(Invited Talk)*
76. Lal G (2015) Biology of Adoptive immune cells: a great responsibility from the best education. Education Bridge held at Jankidevi Bajaja Science College, Wardha, India on 22nd – 23rd September, 2015. *(Invited talk)*
77. Lal G and Paul S (2015) Natural killer (NK) cells in tumor microenvironment inhibit the differentiation of Th1 and Th17. 4th European Congress of Immunology, Vienna, Austria held on September 6-9th, 2015.
78. Lal G (2015) 'A story of T cells in transplantation and autoimmunity' at School of Regenerative Medicine, Manipal University, Bangalore on April 25th. *(Invited talk)*.
79. Lal G (2015) Chemokine receptor CCR6 intrinsic signaling controls the differentiation of Th17 and Treg in autoimmune colitis. Symposium on Systems Immunology in Infectious Diseases at Pasture Institute, Lille, France on February 6th, 2015. *(Invited talk)*.

2014

80. Lal G (2014) Chemokine receptor signaling in autoimmunity, Department of Internal medicine I, University of Ulm, Germany on November 3rd, 2014. *(Invited talk)*
81. Kulkarni N, Singh AK, Sethi A, Shaikh S, Joshi S and Lal G (2014) CCR6 intrinsic signaling in CD4 T cells promotes the differentiation of inflammatory Th17 cells. Immune Homeostasis and inflammatory disease: A herrenhausen symposium organized by Nature Medicine and Volkswagen Foundation, on 6-8th November at Hanover, Germany.
82. Shilpi, and Lal G. (2014) Role of gamma-delta T cells in transplantation tolerance. NCCS retreat, Lonawala on September 25th. *(Poster)*.
83. Kulkarni N, Sethi A, Singh AK, Shaikh AK, Sharma M, Boppana R and Lal G. (2014) Chemokine receptor CCR6 signaling affects the differentiation and function of CD4 T cells. NCCS retreat, Lonawala on September 25th. *(Best poster award)*.
84. Sonar S and Lal G (2014) IFN- α disrupts the blood-brain barrier (BBB) during inflammation and autoimmunity. Microscopy workshop at National Centre for Biological Science (NCBS), Bangalore on 20th September. *(Poster)*

2013

85. Lal G (2013) Role of follicular helper (T_{fh}) and follicular regulatory (T_{fr}) CD4 T cell in tolerance. 4rd International conference on stem cells and cancer (ICSCC 2013) held at Haffkin Institute, Mumbai, India on 19-22nd October. *(Invited speaker)*.
86. Paul S and Lal G (2013) Tumor microenvironment induces phenotypic and functional changes in NK cell to promote tumor growth. 4th International conference on stem cells and cancer (ICSCC 2013) held at Haffkin Institute, Mumbai, India on 19-22nd October. *(First best oral presentation award)*.
87. Lal G (2013) From microarray technology to epigenomics. Academic Staff College, Sambalpur University, Orissa from August 16-18th. *(Invited Lecture series)*.
88. Lal G (2013) History of T cells from laboratory to clinic: Cytokine and autoimmunity. Department of Life Science, Sambalpur University, Orissa, August 17th (Invited talk).
89. Sonar S and Lal G (2013) Inflammation in peripheral tissues loosens the blood-brain barrier (BBB) and induces T cell infiltration into neuronal tissues. In NCCS mini-symposium on cell biology held on May 18th at NCCS, Pune. *(Oral presentation; first best presentation award)*.

90. Kulkarni N, Sethi A, Singh AK, Shaikh SI, Sharma M, Boppana R and Lal G (2013) Chemokine receptor signaling affects the differentiation and function of CD4 T cells. In NCCS mini-symposium on cell biology held on May 18th at NCCS, Pune. (*Poster presentation*).
91. **Lal G**, Paul S, Singh AK (2013) "Tumor microenvironment induces selective migration of specific subsets of natural killer (NK) cells and inhibits their cytolytic function" in American Association of Immunologists conference (IMMUNOLOGY 2013) held on May 3-7th at Honolulu, Hawaii, USA (*J Immunol 2013 190:53.20*).
92. **Lal G**, Nakayama Y, Sethi A, Singh AK, Burrell BE, Kulkarni N, Brinkman CC, Iwami D, Bromberg JS (2013) "IL-21R⁺ marginal zone precursor (MZP) B cells in the germinal center induce IL-10 dependent allogeneic tolerance" in American Transplant Congress 2013 held at Seattle, USA, on 22nd May. (Presentation in basic science plenary session).
93. **Lal G.** (2013) Non-humoral function of B cells in transplantation tolerance. Alumni Symposia organized by Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore on 16th Feb. (*Invited Talk*).

2012

94. **Lal G.** (2012) A story of T cells from discovery to therapy (Cytokines and autoimmunity), held at Department of Biotechnology, Modern college, Ganeshkhind, Pune. India on 6th Oct. (*Invited Talk*).
95. **Lal G.** (2012) B cell and follicular helper T cell (Tfh) cross-talk is required for generation and maintenance of tolerance. 3rd International conference on stem cells and cancer (ICSCC 2012) held at New Delhi, India on 28th Oct. (*Invited talk*).
96. **Lal G**, Nakayama Y, Burrell BE, Singh AK, Ding Y, and Bromberg JS (2012) "Follicular helper T cell (Tfh) and B cell cross-talk in germinal centers is required for co-stimulatory blockade induced tolerance" in American Transplant Congress 2012, held at Boston, USA, on 2nd June. (*Oral Presentation*).
97. **Lal G**, Nakayama Y, Burrell BE, Sethi A, Ding Y, and Bromberg JS (2012) "B cell derived IL-10 is required for co-stimulatory blockade induced tolerance" in American Transplant Congress 2012, held at Boston, USA, on 2nd June. (*Oral Presentation; Plenary Session*).

2011

98. **Lal G.** (2011) Role of B cell in the maintenance of transplantation tolerance. In 2nd International Conference on Stem cells and Cancer (ICSCC-2011), Pune, India on 15th-18th October. (*Invited speaker*).
99. **Lal G.** (2011) An epigenetic approaches to induce transplantation tolerance and control autoimmunity. Symposia on "Biotalk" at Hislop College, Nagpur, India on 10th -11th October. (*Invited speaker*).
100. Yin N, **Lal G**, Xu J, Ding Y and Bromberg JS (2011) "Pancreatic macrophage contribute to islet lymphangiogenesis and enhanced myeloid cell recruitment" in American Transplant Congress 2011, held at Philadelphia, on 3rd May. (*Poster*)
101. **Lal G**, Yin N, Xu J, Ding Y and Bromberg JS (2011) "Inflammatory signals induce epigenetic modifications that control natural regulatory CD4 T cells" in American Transplant Congress 2011, held at Philadelphia, on 1st May. (*Poster*)
102. **Lal G**, Nakayama Y, Burrell BE, Ding Y and Bromberg JS (2011) "Non-humoral function of B cells is required for tolerance" in American Transplant Congress, held at Philadelphia, on 2nd May. (*Oral presentation*)

2010

103. **Lal G.** (2010) "Epigenetic regulation of *foxp3* gene in development and function of regulatory T cells" at International conference on stem cells and cancer 2010 (ICSCC-10): Proliferation, differentiations and apoptosis held at International Institute of Information Technology, Pune, India, on 11-14th December. (*Invited talk*)
104. **Lal G.** (2010) "Epigenetics: An approach for molecular diagnosis and treatment" at seminar on Biotech 2010: Trends in rDNA Technology, held at Dr. Babasaheb Ambedkar

Marathwad University, Subcampus at Osmanabad, Maharashtra, India on 14-15th November. (Invited talk)

105. **Lal G. (2010)** “Importance of epigenetic approaches to induce transplantation tolerance and prevent autoimmunity” at 2nd Annual Biotechnology Conference for Students (ABCS-2010) held at International Institute of Information Technology, Pune, India, on 13th November. (Invited talk)
106. **Lal G, Tietjens J, van der Touw W, Yang Y, Ding Y, Ochando JC and Bromberg JS (2010).** “B cell depletion prevents transplantation tolerance and induces accelerated cellular rejection of the allograft” in American Transplant Congress, held at San Diego on 1st May-5rd May. *Am J Transplant.* 10(Suppl 4):182. (Oral presentation and Young Investigator Award).
107. **Lal G, Yin N, Lin M, Xu J, Tietjens J, Schroppe B, Ding Y and Bromberg JS (2010).** “TLR2 stimulation inhibits Foxp3 expression by an interferon regulatory factor 1 (IRF1) dependent T cell intrinsic mechanism” in American Transplant Congress, held at San Diego on 1st May-5rd May. *Am J Transplant.* 10(Suppl 4):183. (Oral presentation).
108. Yin N, Zhang N, **Lal G, Ding Y and Bromberg JS (2010)** “Lymphangiogenesis is required for immunity to pancreatic islets” in American Transplant Congress, held at San Diego on 1st May-5rd May. *Am J Transplant.* 10(Suppl 4):183.
109. van der Touw W, **Lal G, Ochando J, Ding Y and Bromberg JS (2010)** “Natural Killer Cells Are Required for Costimulatory Blockade Induced Tolerance to Murine Cardiac Allografts” in American Transplant Congress, held at San Diego on 1st May-5rd May. *Am J Transplant.* 10(Suppl 4):184.

2009

110. **Lal G, Yin N, Lin M, Xu J, Tietjens J, Schroppe B, Ding Y and Bromberg, JS (2009)** TLR2 inhibits regulatory T cells and Foxp3 by cytokine dependent extrinsic and IRF1 T cell intrinsic pathways. Immunology Institute retreat, Mount Sinai School of Medicine. 15th-16th November, Westchester, New York. (Poster).
111. **Tietjens J, Lal G and Bromberg JS (2009)** Depletion of B cells prevents immunologic tolerance to mouse cardiac allografts. Medical Students Research Day, Mount Sinai School of Medicine. 5th November, New York. (Poster).
112. **Lal G, Yin N, Lin M, Xu J, Tietjens J, Schroppe B, Ding Y and Bromberg, JS (2009)** TLR2 induces inhibition of Foxp3 expression by interferon regulatory factor 1 (IRF-1). American Society of Transplantation Distinguished Fellows Forum. 16-17th October 2009 held at San Diego. (Oral Presentation).
113. **Xu J, Yang Y, Lal G, Ochando JC, Bromberg JS and Ding Y (2009)** “c-Maf determines IL-10 regulation during Th17 polarization” in the 96th Annual meeting of The American Association of Immunologists, held at Seattle, Washington on 8th -12th May. *J Immunol.* 182:47.22.
114. **Xu J, Yang Y, Lal G, Bromberg JS and Ding Y (2009)** “Gene Array Analysis Identifies Chemokine Receptors Specific for Treg and Th17” in American Transplant Congress, held at Boston on 30th May-3rd June. *Am J Transplant.* 9(Suppl 2):401.
115. **Krüger B, Zhang N, Coward W, Lin M, Lal G, Bromberg JS, Murphy BT and Schroppe B (2009)** “TLR2 and TLR4 Signaling Mediate Injury in Pancreatic Islets after Transplantation” in American Transplant Congress, held at Boston on 30th May-3rd June. *Am J Transplant* 9(Suppl 2):668.
116. **Xu J, Yang Y, Lal G, Bromberg JS and Ding Y (2009)** “TGF β Attenuates Th17 Responses by c-Maf Induction: A New Regulatory Pathway for IL-10” in American Transplant Congress, held at Boston on 30th May-3rd June. *Am J Transplant* 9(Suppl 2):332.
117. **Lal G, Yin N, Schroppe B and Bromberg JS (2009)** “IL-6 and TLR2 differentially inhibit Foxp3 expression in regulatory T cells by epigenetic regulation” in American Transplant Congress, held at Boston on 30th May-3rd June. *Am J Transplant.* 9(Suppl 2):265. (Oral Presentation).
118. **Lal G, Zhang N, van der Touw W and Bromberg JS (2009)** “Epigenetic regulation of Foxp3 expression in tolerance and inflammation” in American Transplant Congress, to be held in Boston

on 30th May-3rd June. *Am J Transplant.* 9(Suppl 2):242. (*Oral Presentation and Young Investigator Award*).

119. **Lal G**, Zhang N, van der Touw W, Shroppel B, Ding Y and Bromberg (2009) “Epigenetic regulation of *Foxp3* expression in regulatory T cells and its differential role in tolerance and inflammation” in Keystone Symposia: Regulatory T cells. Keystone, Colorado, 1st-6th March (*Oral Presentation and Travel Award*).

2008

120. van der Touw, W, **Lal G** and Bromberg JS (2008) “Role of NK cells in transplantation tolerance” in Immunobiology Center, Mount Sinai School of Medicine retreat meeting, Westchester, New York. 23rd Nov-24th Nov.
121. **Lal G**, Zhang N, van der Touw W, Shroppel B, Ding Y and Bromberg JS (2008) “Epigenetic regulation of *Foxp3* expression in regulatory T cells and its differential role in tolerance and inflammation” in Immunobiology Center, Mount Sinai School of Medicine retreat meeting, Westchester, New York. 23rd Nov-24th Nov.
122. Zhang N, Schroppel B, **Lal G**, Ochando JC and Bromberg JS (2008) “Regulatory T cells sequentially migrate from the site of tissue inflammation to the draining LN to suppress allograft rejection” in American Transplant Congress, to be held in Toronto, Canada on 31st May-4th June. *Am J Transplant.* 8(Suppl 2):264.
123. Zhang N, Schroppel B, **Lal G**, Bromberg JS (2008) “Chemokine receptors important for Treg lymphatic migration and suppressive function” in American Transplant Congress, to be held in Toronto, Canada on 31st May-4th June. *Am J Transplant.* 8 (Suppl 2):223.
124. **Lal G**, Zhang N, van der Touw W, Ding Y and Bromberg JS (2008) “A novel epigenetic approach to generate mouse and human CD4⁺CD25⁺*Foxp3*⁺ regulatory T cells” in American Transplant Congress, to be held in Toronto, Canada on 31st May-4th June. (*Oral presentation*). *Am J Transplant.* 8(Suppl 2):203.
125. **Lal G**, Ding Y and Bromberg JS (2008) “DNA methylation has a major role in regulating *Foxp3* transcription” in American Transplant Congress, to be held in Toronto, Canada on 31st May-4th June. *Am J Transplant.* 8(Suppl 2):223. (*Oral presentation and Young Investigator Award*).
126. **Lal G**, Zhang N, Ding Y and Bromberg JS (2008) “Epigenetic regulation of *Foxp3* expression and efficient generation of regulatory CD4⁺ T cells from peripheral naïve CD4⁺CD25⁻ T cells” in Keystone Symposia: Tolerance in Transplantation and Autoimmunity, Keystone, Colorado, on 29th Jan-3rd Feb. (*Oral presentation and Travel Scholarship*).
127. Bromberg JS, Ledgerwood LG, Zhang N, **Lal G** (2008) “S1P1 Stimulation Inhibits Afferent Lymphatic Migration” in Keystone Symposia: Leukocyte Trafficking, Keystone, Colorado, on 13th -18th Jan.

2007

128. **Lal G** and Bromberg JS (2007) “Epigenetic regulation of *Foxp3* expression and generation of regulatory CD4⁺ T cells from peripheral naïve CD4⁺CD25⁻ T cells” in work-in-progress series of Gene and Cell Medicine, Mount Sinai School of Medicine, New York City. 15th May. (*Oral Presentation*).
129. **Lal G** and Bromberg JS (2007) “Epigenetic regulation of *Foxp3* expression and generation of regulatory CD4⁺ T cells from peripheral naïve CD4⁺CD25⁻ T cells” in work-in-progress series of Immunology Center, Mount Sinai School of Medicine, New York City. 22nd May. (*Oral Presentation*).
130. Ledgerwood LG, **Lal G**, Esses SJ, Ochando JC and Bromberg JS (2007) “Development of Novel Assay for T cell Lymphatic Migration: Role for Sphingosine 1-Phosphate Receptor, S1P1” in

American Transplant Congress, San Francisco, California on 5th-9th May. *Am J Transplant.* 7(Suppl):328.

131. **Lal G**, Zhang N, Ledgerwood LG, Esses SJ and Bromberg JS (2007) "The Sphingosine Phosphate Receptor (S1PR) Agonist FTY720 Inhibits Lymphatic Transendothelial Migration" in American Transplant Congress, San Francisco, California on 5th-9th May. *Am J Transplant.* 7(Suppl):154. (Oral presentation).
132. **Lal G**, Ding Y and Bromberg JS (2007) "Epigenetic Regulation of *Foxp3* expression and Generation of Regulatory T cells from Naïve CD4⁺CD25⁻ T cells" in American Transplant Congress, San Francisco, California on 5th-9th May. *Am J Transplant.* 7(Suppl):219. (Oral presentation)

2004

133. **Lal G**, Shaila MS and Nayak R (2004) "Role of anti-idiotypic T cells in the perpetuation of T cell memory" 12th International Congress of Immunology and 4th Annual Conference of Federation of Clinical Immunology Societies held at Montreal, Canada on 18th -23rd July. *J Clin Invest Med.* 27(4): Th25.21.

2003

134. **Lal G**, Shaila MS and Nayak R (2003) "Perpetuation of T cell memory: A Role for anti-idiotypic T cells" in XXX Annual meeting of the Indian Immunology Society held at Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, India on 23rd-25th November. (Oral presentation)

2002

135. **Lal G**, Shaila MS and Nayak R (2002) "The Relay Hypothesis and T Cell Memory" in "XXIX Annual meeting of the Indian Immunology Society & symposium on Immunoparasitology" held at Bhubaneswar, India on 27-29th November.

1999

136. **Venkatesh V, Lal G, Nag VL, Prashad KN and Ayyagari A (1999)** "Extended Spectrum β -Lactamases in family Enterobacteriaceae in tertiary care hospital" in Indian Association of Medical Microbiology meeting, held at Chandigarh, India.