CURRICULUM VITAE

Booki Min, D.V.M. Ph.D.
Professor
Department of Microbiology and Immunology
Feinberg School of Medicine
Northwestern University
300 E Superior St.
Chicago, IL 60611
Email: booki.min@northwestern.edu

Citizenship: U.S.A.
Married with one child

Education

1987-1994. (D.V.M.)
College of Veterinary Medicine. Seoul National University, Seoul, Korea.
1995 – 2000. (Ph.D.)
Department of Microbiology, The University of Tennessee, Knoxville.

Research Experiences

1995 - 2000.
Graduate Research Assistant, Department of Microbiology, *The University of Tennessee*
2000 – 2004
Postdoctoral Research Fellow, Lab of Immunology, NIAID, NIH (Dr. William Paul's laboratory)
2004 - 2009
***Assistant Staff**, Department of Immunology, Lerner Research Institute, Cleveland Clinic Foundation*
2009 – 2018
***Associate Staff**, Department of Immunology, Lerner Research Institute, Cleveland Clinic Foundation*
2018 – 2020
***Staff**, Department of Inflammation and Immunity, Lerner Research Institute, Cleveland Clinic Foundation*
2020-present
***Professor,** Department of Microbiology and Immunology, Feinberg School of Medicine, Northwestern University*

Awards

1999 Science Alliance Award, The University of Tennessee; 2004 AAI-Huang Foundation Trainee Achievement Award; 2006 AAI Junior Faculty Award; 2009 AAI Junior Faculty Award; 2014 CCFA Senior Investigator Award; 2014 American Asthma Foundation Scholar Award

Memberships

The American Association of Immunologists (AAI)

Professional Services

Ad hoc Reviewer:
Infection and Immunity, The Journal of Leukocyte Biology, Immunity, Cellular Immunology, International Immunology, Nature Immunology, Nature, Blood, Parasitology International, Plos One, Science Translational Medicine, Plos Pathogens

Editorial Board:
Associate Editor (2012-2016), The Journal of Immunology
Associate Editor (2016-2019), The Journal of Interferon and Cytokine Research

Section Editor (2016 - 2020), The Journal of Immunology
Senior Editor (2021-present), The Immunohorizon

Ad hoc study section review:
2009 NIH SEP RFA AI-09-011 Exploratory Investigations in Food Allergy grant; 2011 NIH SEP RFA AI-11-013 Allergen Epitope Research and Validation Center grant; 2012/5 NIH CMIB study section; 2012/10 NIH CMIB study section; 2013/3 NIH SEP ZRG1 IMM-C Autoimmune and Infectious Disease study section; 2014/5 NIH CMIB study section; 2014/7 NIH SEP ZRG1 IMMC02M study section; 2015/2 NIH SEP NIAID P01 initiative; 2015/5 NIH CMIB study section. 2015/10 NMSS Committee A; 2016/3 NIH SEP ZRG1-1 IMM-F 02; 2017/2 NIH CMIB study section.

Study section standing member:
NMSS Review Committee A (2016-2021)
NIH CMIB study section (2018-2022)

Treasurer (2013-2017), President (2017-2019): The Association of Korean Immunologists in America (AKIA)

Publications

1. Legge, K. L., **B. Min**, N. T. Potter, and H. Zaghouani. **(1997)**. Presentation of a T cell receptor antagonist by immunoglobulin ablates activation of T cells by a synthetic peptide or proteins requiring endocytic processing. ***J. Exp. Med***. 185: 1043-1053.
2. Legge, K. L., **B. Min**, A. E. Cestra, C. D. Pack, and H. Zaghouani. **(1998)**. T cell receptor agonist and antagonist exert in vivo cross-regulation on one another when presented on immunoglobulins. ***J. Immunol***. 161: 106-111.
3. **Min, B**., K. L. Legge, C. Pack, and H. Zaghouani. **(1998)**. Neonatal exposure to a self-peptide-immunoglobulin chimera circumvents the use of adjuvant and confers resistance to autoimmune disease by a novel mechanism involving interleukin 4 lymph node deviation and interferon g mediated splenic anergy. ***J. Exp. Med***. 188: 2007-2017.
4. Legge, K. L., **B. Min**, C. Pack, J. Caprio, and H. Zaghouani. **(1999)**. Differential presentation of an altered peptide within fetal central and peripheral organs supports an avidity model for readjustment for activation. ***J. Immunol***. 162: 5738-5746.
5. **Min, B**., K. L. Legge, L. Li, J. Caprio, C. D. Pack, R. Gregg, D. McGavin, D. Slauson, and H. Zaghouani. **(2000)**. Neonatal tolerant immunity for vaccination against autoimmunity. ***Intern. Rev. Immunol***. 19: 247-264.
6. **Min, B**., K. L. Legge, J. Caprio, L. Li, R. Gregg, and H. Zaghouani. **(2000)**. Differential control of neonatal tolerance by antigen dose versus extended exposure and adjuvant. ***Cell. Immunol***. 200: 45-55.
7. Legge, K. L., **B. Min**, J. Caprio, L. Li, R. K. Gregg, J. J. Bell, and H. Zaghouani. **(2000)**. Coupling of peripheral tolerance to endogenous IL-10 promotes effective modulation of autoaggressive T cells. ***J. Exp. Med***. 191: 2039-2051.
8. **Min, B**., K. L. Legge, J. J. Bell, R. K. Gregg, L. Li, J. Caprio, and H. Zaghouani. **(2001)**. Neonatal exposure to antigen induces a defective CD40 ligand expression that undermines both IL-12 production by antigen presenting cells and IL-2 receptor up-regulation on T cells and perpetuates IFNg-dependent T cell anergy. ***J. Immunol.*** 166: 5594-5603.
9. Li, L., K. L. Legge, **B. Min**, J. J. Bell, R. Gregg, J. Caprio, and H. Zaghouani. **(2001)**. Neonatal immunity develops in a transgenic TCR transfer model and reveals a requirement for elevated cell input to achieve organ-specific responses. ***J. Immunol***. 167: 2585-2594.
10. Pack, C.D., A. E. Cestra, **B. Min**, K. L. Legge, L. Li, J. C. Caprio-Young, J. J. Bell, R. K. Gregg, and H. Zaghouani. **(2001)**. Neonatal exposure to antigen primes the immune system to develop responses in various organs and promotes bystander regulation of various T cell specificities. ***J. Immunol***. 167: 4187-4195.
11. Hayashi, N., D. Liu, **B. Min**, S. Z. Ben-Sasson, and W. E. Paul. **(2002)**. Antigen challenge leads to *in vivo* activation and elimination of highly polarized TH1 memory cells. ***Proc. Natl. Acad. Sci. USA*** 99: 6187-6191.

12. Zhu, J., L. Guo, **B. Min**, C. J. Watson, J. Hu-Li, H. A. Young, P. N. Tsichlis, and W. E. Paul. **(2002)**. Growth factor independent-1 induced by IL-4 regulates Th2 cell proliferation. ***Immunity*** 16: 733-744.
13. **Min, B**., G. D. Sempowski, and W. E. Paul. **(2002)**. Neonates support "homeostatic" proliferation. ***Adv. Exp. Med. Biol***. 512: 91-95.
14. **Min, B**., R. McHugh, G. D. Sempowski, C. Mackall, G. Foucras, and W. E. Paul. **(2003)**. Neonates support lymphopenia-induced proliferation. ***Immunity*** 18: 131-140.
15. Yoshimoto, T., **B. Min**, T. Sugimoto, Y. Sasaki, H. Hata, K. Takeda, K. Okumura, L. Van Kaer, W. E. Paul, and K. Nakanishi. **(2003)**. CD1d-restricted NKT cells are required for the induction of IgE antibodies in response to IL-18 treatment of mice. ***J. Exp. Med.*** 197: 997-1005.
16. Bell, J. J.*, **B. Min***, R. K. Gregg, H-H. Lee, and H. Zaghouani. **(2003)**. Break of neonatal Th1 tolerance and exacerbation of experimental allergic encephalomyelitis by interference with B7 costimulation. ***J. Immunol***. 171: 1801-1808. *(Co-first author).
17. **Min, B**., G. Foucras, M. Meier-Schellersheim, and W. E. Paul. **(2004)**. Spontaneous proliferation, a response of naïve CD4 T cells determined by the diversity of the memory cell repertoire. ***Proc. Natl. Acad. Sci. USA*** 101: 3874-3879.
18. Grossman, Z., **B. Min**, M. Meier-Schellersheim, and W. E. Paul. **(2004)**. The concomitant regulation of T cell activation and homeostasis: Recent advances raise new questions. ***Nat. Rev. Immunol***. 4: 387-395.
19. **Min, B**., M. Prout, J. Hu-Li, J. Zhu, D. Jankovic, E. S. Morgan, A. M. Dvorak, J. Urban Jr, F. D. Finkelman, G. Legros, and W. E. Paul. **(2004)**. Basophils produce IL-4 and accumulate in tissues after infection with a Th2-inducing parasite. ***J. Exp. Med.*** 200: 507-517.
20. Zhu, J., **B. Min**, J. Hu-Li, C. J. Watson, A. Grinberg, Q. Wang, N. Killeen, J. F. Urban Jr., L. Guo, and W. E. Paul. **(2004)**. Conditional deletion of GATA-3 reveals its critical role in Th1/Th2 responses. ***Nat. Immunol***. 5: 1157-1165.
21. **Min, B**., J. Hu-Li, and W. E. Paul. **(2005)**. Spontaneous and homeostatic proliferation of CD4 T cells within lymphopenic hosts are regulated by different mechanisms. ***J. Immunol***. 174: 6039-6044.
22. **Min, B** and W. E. Paul. **(2005)**. Endogenous proliferation: Burst-like CD4 T cell proliferation in lymphopenic settings. ***Sem. Immunol***. 17: 201-207.
23. Yamaoka, K., **B. Min**, Y. Zhou, W. E. Paul, and J. J. O'Shea. **(2005)**. Jak3 negatively regulates dendritic cell cytokine production and survival. ***Blood*** 106: 3227-3233.
24. Zhao, A., M. Morimoto, H. Dawson, J. E. Elfrey, K. B. Madden, W. C. Gause, **B. Min**, F. D. Finkelman, J. F. Urban, Jr., and T. Shea-Donohue. (**2005**). Immune regulation of protease-activated receptor-1 expression in murine small intestine during *Nippostrongylus brasiliensis* infection. ***J. Immunol***. 175: 2563-2569.
25. Caprio, J., J. J. Bell, H-H. Lee, J. Ellis, D. Nast, G. Saylor, **B. Min**, and H. Zaghouani. (**2006**). Neonatally primed lymph node but not splenic T cells display a Gly-Gly motif within the T cell receptor beta chain complementarity determining region 3 (CDR3) that controls affinity and lymphoid organ retention. ***J. Immunol***. 176: 357-364.
26. **Min, B**., G. Le Gros, and W. E. Paul. **(2006)**. Basophils: a potential liaison between innate and adaptive immunity. ***Allergology International***. 55: 99-104.
27. Oh, K., T. Shen, G. Le Gros, and **B. Min**. (**2007**). Induction of Th2 immunity by murine basophils reveals a novel immunoregulatory role of basophils. ***Blood*** 109: 2921-2927.
28. Kim, T., K. Staschke, B. Katarzyna, J. Yao, K. Peters, K. Oh, Y. Vandenburg, H. Xiao, W. Qian, T. Hamilton, **B. Min**, J. Casanova, G. Sen, R. Gilmour, and X. Li. **(2007)**. The critical role of IRAK4 kinase activity in TLR-mediated innate immunity. ***J. Exp. Med***. 204: 1025-1036.
29. Min, B., A. Thornton, S. M. Caucheteux, S. Younes, K. Oh, J. Hu-Li, and W. E. Paul. (**2007**). Gut flora antigens are not important in maintenance of regulatory T cell heterogeneity and homeostasis. ***Eur. J. Immunol***. 37: 1916-1923.
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31. **Min, B**. and W. E. Paul. **(2008)**. Basophils and type 2 immunity. ***Curr. Opin Hematol***. 15: 59-63.
32. **Min, B**. and W. E. Paul. **(2008)**. News & Views. Basophils: in the spotlight at last. ***Nat. Immunol***. 9: 223-225.

33. T. Shen, S. Kim, L. Wang, C. Lantz, J. F. Urban Jr, G. Le Gros, **B. Min**. **(2008)**. Parasite infection induced basophil production requires T cell production of IL-3 but IL-3 is dispensable for in vivo basophil survival. ***Int. Immunol***. 20: 1201-1209.
34. Wang, L., N. van Panhuys, J. Hu-Li, S. Kim, G. Le Gros, and **B. Min**. **(2008)**. Blimp-1 induced by IL-4 plays a critical role in suppressing IL-2 production in activated CD4 T cells. ***J. Immunol***. 181: 5249-5256.
35. Sharma, P., R. Chakraborty, L. Wang, **B. Min**, M. L. Tremblay, T. Kawahara, J. D. Lambeth, and S. J. Haque. **(2008)**. Redox regulation of interleukin-4 signaling. ***Immunity*** 29: 551-564.
36. Lantz, C.S., **B. Min**, M. Tsai, G. Dranoff, and S. J. Galli. **(2008)**. IL-3 is required for the increase in blood basophils during nematode infection in mice, but not for basophil IgE-dependent intra-cellular IL-4 production. ***Lab. Invest***. 88: 1134-1142.
37. **Min, B**. **(2008)**. Basophils: what they 'can do' and what they 'actually do'. ***Nat. Immunol***. 9: 1333-1339.
38. Bulek, K., S. Swaidani, J. Qin, Y. Lu, F. Gulen, **B. Min**, R. A. Kastelein, M. Aronica, M. Kosz-Vnenchak, and X. Li. **(2009)**. The essential role of SIGIRR in regulation of Th2 immune response. ***J. Immunol.*** 182: 2601-2609.
39. Do, J. and **B. Min**. **(2009)**. IL-15 produced and trans-presented by DCs underlies homeostatic competition between CD8 and γδ T cells in vivo. ***Blood*** 113: 6361-6371.
40. Kim, S., T. Shen, and **B. Min**. (**2009**). Basophils can directly present or cross-present Ag to CD8 lymphocytes and alter CD8 T cell differentiation into IL-10-producing phenotypes. ***J. Immunol***. 183: 3033-3039.
41. Do, J. and **B. Min**. (**2009**). Differential requirements of MHC and of DCs for endogenous proliferation of different T-cell subsets in vivo. ***Proc. Natl. Acad. Sci. USA*** 106: 20394-20398.
42. Forbes, E., N. van Panhuys, **B. Min**, and G. Le Gros. (**2010**). Differential requirements for IL-4/STAT6 signalling in CD4 T cell fate determination and Th2 immune effector responses. ***Immunol. Cell. Biol.*** 88: 240-243.
43. Gulen, M.F, Z. Kang, K. Bulek, C. Z. Altuntas, M.J. McGeachy, J. Do, H. Xiao, **B. Min**, V.K. Tuohy, D.J. Cua, and X. Li. **(2010)**. SIGIRR, a negative regulator of IL-1R-TLR suppresses Th17 expansion through IL-1-induced mTOR-mediated cell proliferation. ***Immunity*** 32: 54-66.
44. Kim, S., M. Prout, H. Ramshaw, A. F. Lopez, G. Le Gros, and **B. Min**. **(2010)**. **Cutting Edge**: Basophils are transiently recruited to the draining lymph node during helminth infection via IL-3 but infection-induced Th2 immunity develops without basophil LN recruitment or IL-3. ***J. Immunol***. 184: 1143-1147.
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46. Min, B. (**2010**). Editorial. Th2 immunity: a step closer to completion. ***Immunol. Cell. Biol***. 88: 235.
47. **Min, B**. (**2010**). Commentary. Mice that conditionally lack basophils: at last! ***J. Clin. Invest***. 120: 2648-2651.
48. Min, B. (**2010**). Basophils induce Th2 immunity: is this final answer? ***Virulence*** 1:399-401.
49. van Panhuys, N., M. Prout, E. Forbes, **B. Min**, W. E. Paul, and G. Le Gros. (**2011**). Basophils are the major producers of IL-4 during primary helminth infection. ***J. Immunol***. 186:2719-2728.
50. Do, J., A. Visperas, C. Dong, W. Baldwin, and **B. Min**. (**2011**). **Cutting Edge**: Generation of colitogenic Th17 CD4 T cells is enhanced by IL-17+ γδ T cells. ***J. Immunol***. 186:4546-4550.
51. Bosch, X. F. Lozano, R. Cervera, M. Ramos-Casals, and **B. Min**. (**2011**). Basophils, IgE and autoantibody-mediated kidney disease. ***J. Immunol***. 186:3083-6090.
52. **Min, B**. (**2011**). Inside Blood. Deleting Mcl-1 in mast cells: getting two birds with one stone. ***Blood*** 118:6729-2730.
53. Do, J., A. Visperas, K. Oh, S. A. Stohlman, and **B. Min**. (**2012**). Memory CD4 T cells induce selective expression of IL-27 in CD8+ DC and regulate homeostatic naïve T cell proliferation. ***J. Immunol***. 188:230-237.
54. Do, J., A. Visperas, R. L. O'brien, and **B. Min**. **(2012)**. CD4 T cells enhance the generation of IL-17+ γδ T cells. ***Immunol. Cell. Biol***. 90:396-403.
55. Min, B. M. A. Brown, and G. Le Gros. (**2012**). Understanding the roles of basophils: breaking dawn. ***Immunology*** 135:192-197.

56. Do, J., G. Foucras, A. F. Schenk, M. Shaw, G. Nunez, W. E. Paul, and **B. Min**. (**2012**). Both exogenous commensal and endogenous self antigens stimulate T cell proliferation under lymphopenic conditions. ***Cell. Immunol***. 272:117-123.
57. Phares, T. W., S. A. Stohlman, M. Hwang, **B. Min**, D. R. Hinton, and C. C. Bergmann. (**2012**). CD4 T cells promote CD8 T cell immunity at the priming and effector site during viral encephalitis. ***J. Virol***. 86:2416-2427.
58. Zizhen, K., S. Swaidani, W. Yin, C. Wang, J. L. Barlow, M. F. Gulen, K. Bulek, J. Do, M. Aronica, A. N. McKenzie, **B. Min**, and X. Li. (**2012**). Epithelial cell-specific Act1 adaptor mediates IL-25-dependent helminth expulsion through expansion of Lin(-)c-Kit(+) innate cell population. ***Immunity*** 36:821-833.
59. Do, J., A. Valujskikh, D. A. A. Vignali, R. L Fairchild, and **B. Min**. (**2012**). An unexpected role for MHCII-peptide complexes in shaping CD8 T cell expansion and differentiation in vivo. ***Proc. Natl. Acad. Sci. USA*** 109:12698-12703.
60. Rao, K. N., C. Smuda, G. D. Gregory, **B. Min**, and M. A. Brown. (**2013**). Ikaros limits basophil development by suppressing C/EBPα expression. ***Blood*** 122:2572-2581.
61. Kim, S., H. Karasuyama, A. F. Lopez, W. Ouyang, X. Li, G. Le Gros, and **B. Min.** (**2013**). IL-4 derived from non-T cells induces basophil- and IL-3-independent Th2 immune responses. ***Immune Netw***. 13:249-256.
62. Do, J., A. Visperas, M. L. Freeman, Y. Iwakura, M. Oukka, and **B. Min**. (**2014**). Colitogenic effector T cells: roles of gut homing integrin, gut antigen specificity and γδ T cells. ***Immunol. Cell. Biol***. 92:90-98.
63. Do, J., K. Asosingh, W. M. Baldwin, and **B. Min**. (**2014**). **Cutting Edge**: IFNγ signaling in non-T cell targets regulates T cell-mediated intestinal inflammation through multiple mechanisms. ***J. Immunol***. 192:2537-2541.
64. Visperas, A., J. Do, K. Bulek, X. Li, and **B. Min**. (**2014**). IL-27, targeting antigen presenting cells, enhances Th17 differentiation and inflammation by upregulating Th17 promoting cytokine production. ***Mucosal Immunol.*** 7:625-633.
65. Visperas, A., B. Shen, and **B. Min**. (**2014**). γδ T cells restrain extrathymic development of Foxp3+ inducible regulatory T cells via IFNγ. ***Eur. J. Immunol.*** 44:2448-2456.
66. Visperas, A., J. Do, and **B. Min**. (**2014**). Cellular factors targeting APCs to modulate adaptive T cell immunity. ***J. Immunol. Res***. 2014:750374.
67. Do, J., W. M. Baldwin III, and **B. Min**. (**2014**). Spontaneous proliferation of H-2M-/- CD4 T cells results in unusual acute hepatocellular necrosis. ***PLoS One*** 9(10): e110516. doi:10.1371.
68. Hwang, M., T. W. Phares, D. R. Hinton, S. A. Stohlman, C. C. Bergmann, and **B. Min**. (**2015**). Distinct effects of CD4 T cells on establishment of primary versus recall CD8 T cell responses during viral encephalomyelitis. ***Immunology*** 144:374-386.
69. Datta, S., N. Barrera, P. J. Pavicic, C. Zhao, M. Freeman, **B. Min**, and T. Hamilton. (**2015**). cEBP homologous protein expression in macrophages regulates the magnitude and duration of IL-6 expression and dextran sodium sulfate colitis. ***J. Interferon Cytokine Res***. 35:785-794.
70. **Min, B**. and R. L. Fairchild. (**2015**). Over salting ruins the balance of the immune menu. ***J. Clin. Invest***. 125:4002-4004.
71. Do, J., A. Visperas, Y. O. Sanogo, J. J. Bechtel, N. Dvorina, S. Kim, E. Jang, S. A. Stohlman, B. Shen, R. L. Fairchild, W. M. Baldwin III, D. A. Vignali, and **B. Min**. (**2016**). An IL-27/LAG3 axis enhances $Foxp3^+$ regulatory T cell suppressive function and therapeutic efficacy. ***Mucosal Immunol***. 9:137-145.
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73. Martin, B. N., C. Wang, C.J. Zhang, Z. Kang, M.F. Gulen, J.A. Zepp, J. Zhao, G. Bian, J.S. Do, **B. Min**, P.G. Pavicic, C. El-Sanadi, P.L. Fox, A. Akitsu, Y. Iwakura, A. Sarkar, M.D. Wewers, W.J. Kaiser, E.S. Mocarski, M.E. Rothenberg, A.G. Hise, G.R. Dubyak, R.M. Ransohoff, and X. Li. (**2016**). T cell-intrinsic ASC critically promotes Th17-mediated experimental autoimmune encephalomyelitis. ***Nat. Immunol***. 17: 583-592.
74. Le, H. T. and **B. Min**. (**2016**). Precision targeting: mast cells wipe out infected bladder epithelia. ***Immunity*** 45:1179-1181.
75. Do, J., S. Kim, K. Keslar, E. Jang, E. Huang, R. L. Fairchild, T. T. Pizarro, and **B. Min**. (**2017**). γδ T cells coexpressing gut homing α4β7 and αE integrins define a novel subset promoting intestinal inflammation. ***J. Immunol***. 198:908-915.

76. **Min, B**. (**2017**). Heterogeneity and plasticity of Foxp3+ regulatory T cells. ***J. Interferon Cytokine Res.*** 37:386-397.
77. Do J, Kim D, Kim S, Valentin-Torres A, Dvorina N, Jang E, Nagarajavel V, DeSilva TM, Li X, Ting AH, Vignali DAA, Stohlman SA, Baldwin WM 3rd, and **Min B**. (**2017**). Treg specific IL-27Rα deletion uncovers a key role for IL-27 in Treg functions to control autoimmunity independent of IL-10^+ Tr1 cells. ***Proc. Natl. Acad. Sci. USA*** 114:10190-10195.
78. Jang, E.J., S. Kim, D. Kim, T.H. Le, K. Keslar, M.A. Aronica, and **B. Min**. (**2017**). Lung infiltrating $Foxp3^+$ regulatory T cells are quantitatively and qualitatively different during eosinophilic and neutrophilic allergic airway inflammation but essential to control the inflammation. ***J. Immunol.*** 199:3943-3951.
79. Tsuda, H., C. Su, T. Tanaka, K. Ayasoufi, **B. Min**, A. Valujskikh, and R. Fairchild. (**2018**). Allograft dendritic cell p40 homodimers activate donor-reactive memory CD8 T cells. ***JCI Insight***. 3:e96940.
80. Min B. (**2018**). Spontaneous T cell proliferation: A physiologic process to create and maintain homeostatic balance and diversity of the immune system. ***Front. Immunol***. 9:547.
81. Nguyen, Q.T., E. Jang, H. Le Thi, S. Kim, S. Comhair, S.C. Erzurum, and **B. Min**. (**2019**) Foxp3+ regulatory T cells are the primary in vivo target cells of IL-27 for its anti-inflammatory functions during experimental allergic airway inflammation. ***JCI Insight*** 4(2):e123216.
82. Kim, D., Q.T. Nguyen, S. Kim, J. Lee, and **B. Min**. (**2019**). **Cutting Edge**: IL-27 attenuates autoimmune neuroinflammation via Treg/Lag3-dependent but IL-10-independent mechanisms in vivo. ***J. Immunol***. 202:1680-1685.
83. He, Y.#, J. Shi#, Q.T. $Nguyen^{\#}$, E. You, H. Liu, X. Ren, J. Li, W. Qiu, S.K. Khoo, T. Yang, W. Yi, X. Huang, K. Melcher, **B. Min***, and H.E. Xu*. (**2019**). Development of novel highly potent glucocorticoids for steroid-resistant severe asthma. ***Proc. Natl. Acad. Sci. USA*** 116:6932-6937. *Co-corresponding author
84. Ayasoufi, K., D.B. Zwick, R. Fan, S. Hasgur, V. Gorbacheva, K.S. Keslar, **B. Min**, R.L. Fairchild, and A. Valujskikh. (**2019**). Interleukin-27 promotes CD8 T cell reconstitution following antibody-mediated lymphoablation. ***JCI Insight***. 4(7):e125489.
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87. Kim, D., Q.T. Nguyen, J. Lee, S.H. Lee, S. Kim, K. Kaslar, N. Dvorina, K. Weiss, K. Asosingh, S.C. Erzurum, W.M. Baldwin, J-S. Lee, and **B. Min**. (**2020**). Anti-inflammatory roles of glucocorticoids are mediated by Foxp3+ regulatory T cells via a miR-342-dependent mechanism. ***Immunity*** 53:581-596.
88. Yan, H., R. Wang, J. Wang, S. Wu, M. Fernandez, C.E. Rivera, J.B. Moroney, X-D, Li, N. Zhang, H. Zan, X. Meng, F. Zhang, S. Zheng, Y. Chen, Z. Yin, R. Kedl, **B. Min**, C.A. Hunter, Y. Xiang, P. Casali, and Z. Xu. (**2020**). BATF3-dependent induction of IL-27 by B cells bridges the innate and adaptive stages of the antibody response. ***bioRxiv*** 2020.06.26.117010.
89. Lin, C-H., S. Cho, J.W. Tai, M-C. Chen, L-L. Lin, D.A. Christian, **B. Min**, C.A. Hunter, and L-F. Lu. (**2021**). Gut epithelial IL-27 confers intestinal immunity through the induction of intraepithelial lymphocytes. *Under revision*.
90. Nguyen, Q.T., D. Kim, S. Iamsawat, S. Kim, T.D. Hinds, J.J. O'Shea, K. Asosingh, S.C. Erzurum, and **B. Min**. (**2021**). IL-27 restores dexamethasone treatment of experimental steroid resistant allergic inflammation by improving steroid responsiveness in Foxp3+ regulatory T cells. *Submitted for publication*.
91. **Min, B**, D. Kim, and M.J. Feige. (**2021**). IL-27p28 (IL-30): a familiar stranger in immunity, inflammation, and cancer. *Under revision*.
92. Kim, D., J. Lee, S. Kim, and **B. Min**. (**2021**). IL-27 produced by CNS resident glial and infiltrating APCs prevents Tregs from acquiring inflammatory phenotypes. *Manuscript in preparation*.
93. Lee, J., D. Kim, and **B. Min**. (**2021**). LAG-3 expression on Foxp3+ regulatory T cells is critical for controlling homeostasis and autoimmune neuroinflammation. *Manuscript in preparation*.