



Chen Dong

Address: Tsinghua University

Country: China

Education

1985-1989 Wuhan University, Wuhan, China
Major: Cell Biology,
July, 1989 Bachelor of Science awarded
1990-1996 University of Alabama at Birmingham
Cell and Molecular Biology Graduate Program
Mentor: Max D. Cooper, M.D.
August, 1996 Ph.D awarded

Postgraduate Training

1997-2000 Postdoctoral Fellow
Section of Immunobiology
Yale University School of Medicine
Advisor: Richard A. Flavell, Ph.D

Academic Positions Held

November, 2000-June, 2004 Assistant Professor
Department of Immunology
University of Washington School of Medicine
July, 2004-August, 2008 Associate Professor (tenured), Department of Immunology
University of Texas MD Anderson Cancer Center
September, 2008- November, 2014 Professor (tenured), Department of Immunology,
University of Texas MD Anderson Cancer Center
January, 2010- November, 2014 Olga Keith and Harry Carothers Wiess Distinguished
University Chair in Cancer Research, MD Anderson Cancer Center
March, 2013- present Professor (tenured), Tsinghua University, Beijing, China

Administrative Positions Held

December, 2008-December, 2013 Director, Center for Inflammation and Cancer, MD
Anderson Cancer Center
October, 2013-January, 2016 Vice Dean, School of Medicine, Tsinghua University
August, 2014-present Director, Institute for Immunology, Tsinghua
University
March, 2015-present Vice Director (Tsinghua), Peking University- Tsinghua
University Center for Life Sciences, Beijing, China
January, 2016-September, 2016 Executive Vice Dean, School of Medicine, Tsinghua
University
September, 2016- Dean, School of Medicine, Tsinghua University

February, 2017-
 Chronic Diseases

Director, Beijing Key Lab on Immunological Studies on

Honors/Awards

1999-2000	Arthritis Foundation Postdoctoral Fellowship
2000-2005	Arthritis Investigator Award, Arthritis Foundation
2002	Young Investigator award (1 st Prize), International Cytokine Society
2003-2009	Cancer Research Institute Investigator Award
2004	Milstein Young Investigator Award, International Society of Interferon and Cytokine Research
2004-2009	MD Anderson Cancer Center Research Trust Fellow
2007-2010	American Lung Association Career Investigator Award
2007-2010	MD Anderson Cancer Center Faculty Scholar Award
2008-2013	Leukemia and Lymphoma Society Scholar Award
2009	American Association of Immunologists-BD Biosciences Investigator Award for outstanding, early-career research contributions to the field of immunology
2011	Fellow, American Association for Advancement in Science
2012	National Talent Recruitment (Qian Ren) Program awardee
2013	Faculty Achievement Award in Basic Research, MD Anderson Cancer Center
2013	Bayer Chair Professor, Tsinghua University
2014	Highly Cited Researcher, Thomson Reuters
2015	Highly Cited Researcher, Thomson Reuters
2016	Keynote speaker, 2016 Keystone Symposium on T Follicular Helper Cells and Germinal Centers
2016	Highly Cited Researcher, Thomson Reuters
2017	Highly Cited Researcher

Major scientific achievements:

- Contribute to the discovery and characterization of TH17 cells;
- Pioneer in the studies on T follicular helper (Tfh) and regulatory (Tfr) cells;
- Elucidate the function of IL-17 family cytokines in inflammatory diseases and cancer and the underlying signaling mechanisms.
- Discover molecules that regulate T cell activation and tolerance and tumor immunity

Publications (cited >22000 times, H-index 72)

Peer Review Research Papers:

1. **Dong, C.**, Wang, J., Neame, P., and Cooper, M. D. The murine BP-3 gene encodes a relative of the CD38/NAD glycohydrolase family. (1994) *International Immunology*. 6(9): 1353-1360.
2. **Dong, C.**, Willerford, D., Alt, F. W., and Cooper, M. D. The genomic structure and chromosomal localization of the murine *Bp3* gene, a member of the CD38/ADP ribosyl cyclase family. (1996) *Immunogenetics*. 45: 35-43.
3. Lin, Q., **Dong, C.**, and Cooper, M. D. Impairment of T and B cell development by treatment with a type I interferon. (1998) *Journal of Experimental Medicine*. 187(1): 79-87.

4. **Dong, C.***, Yang, D. D.*, Wysk, M., Whitmarsh, A. J., Davis, R. J., and Flavell, R. A. Defective T cell differentiation in the absence of *Jnk1*. (1998) *Science*. 282: 2092-2095 (* contribute equally).
5. **Dong, C.**, Yang, D. D., Tournier, C., Whitmarsh, A. J., Xu, J., Davis, R. J., and Flavell, R. A. JNK is required for effector T cell function but not for T cell activation. (2000) *Nature*. 405: 91-94.
6. Chow, C-W*, **Dong, C.***, Flavell, R. A., and Davis, R. J. JNK inhibits substrate targeting by protein phosphatase calcineurin to NFATc1. (2000) *Molecular and Cell Biology*. 20:5227-5234. (* contribute equally)
7. Constant, S.*, **Dong, C.***, Yang, D. D., Wysk, M., Davis, R. J., and Flavell, R. A. JNK1 is required for T cell-mediated immunity to Leishmania major infection. (2000) *Journal of Immunology*. 165: 2671-2676. (* contribute equally)
8. **Dong, C.**, Juedes, A. E., Temann, U.-A., Shresta, S., Allison, J. P., Ruddle, N. H. and Flavell, R. A. ICOS Costimulatory Receptor Is Essential for T-cell Activation and Function. (2001) *Nature*. 409: 97-101.
9. **Dong, C.***, Temann, U.-A.*, and Flavell, R. A. Cutting Edge: Critical role of ICOS in germinal center reactions. (2001) *Journal of Immunology*. 166: 3659-3662. (* contribute equally)
10. Tournier, C., **Dong, C.**, Turner, T. K., Jones, S. N., Flavell, R. A. and Davis, R. J. MKK7 is an essential component of the JNK signal transduction pathway activated by proinflammatory cytokines. (2001) *Genes and Development*. 15:1419-1426.
11. Wu, H.-S., Vekatraman, C., Estus, S., **Dong, C.**, Davis, R.J., Flavell, R.A. and S. Bondada. Positive signaling through CD72 induces MAPK activation and synergizes with BCR signals to induce Xid B cell proliferation. (2001) *Journal of Immunology*. 167:1263-1273.
12. Maric, M., Arunachalam, B., Phan, U. T., **Dong, C.**, Garrett, W., Cannon, K., Alfonso, C., Karlsson, L., Flavell, R. A. and Cresswell, P. Defective antigen processing in GILT-free mice. (2001) *Science*. 294:1361-1365.
13. Sun, M., Richards, S., Prasad, D. V. R., Mai, X. M., Rudensky, A. and **Dong, C.** Characterization of mouse and human B7-H3 genes. (2002) *Journal of Immunology*. 168:6294-6297.
14. Tanaka, N., Kamanaka, M., Enslin, H., **Dong, C.**, Wysk, M., Davis, R. J., and Flavell R.A. Differential involvement of p38 mitogen-activated protein (MAP) kinases, MKK3 and MKK6 in T-cell apoptosis. (2002) *EMBO Report*. 3:785-791.
15. Nurieva, R., Duong, J., Kishikawa, H., Dianzani, U., Rojo, J. M., Ho, I.-C., Flavell, R. A. and **Dong, C.** Transcriptional regulation of Th2 differentiation by ICOS. (2003) *Immunity*. 18:801-811
16. Prasad, D. V. R., Richards, S., Mai, X. M., and **Dong, C.** B7S1, a novel B7 family member that inhibits T cell activation. (2003) *Immunity*. 18:863-873.
17. Nurieva, R., Mai, X. M., Forbush, K., Bevan, M. J. and **Dong, C.** B7h is required for T cell activation, differentiation and effector function. (2003) *Proceedings of National Academy of Sciences*. 100: 14163-14168.
18. Xiao, C., Shim, J., Klüppel, M., Zhang, S. S.-M., **Dong, C.**, Flavell, R. A., Fu, X.-Y., Wrana, J. L., Hogan, B. L. M. and Ghosh, S. Ecsit is required for BMP signaling and mesoderm formation during mouse embryogenesis. (2003) *Genes and Development*. 17:2933-2949.
19. Kuan, C.-Y., Whitmarsh, A. J., Yang, D. D., Liao, G., Schloemer, A. J., **Dong, C.**, Bao, J., Banasiak, K., Haddad G. G., Flavell, R. A., Davis, R. J., and Rakic, P. A critical role of a neural-specific JNK isoform for ischemic apoptosis. (2003) *Proceedings of National Academy of Sciences*. 100:15184-15189.

20. Prasad, D. V. R., Nguyen, T., Duong, J. and **Dong, C.** Murine B7-H3 is a negative regulator of T cells. (2004) *Journal of Immunology*. 173:2500-2506.
21. Zhang, Y., Blattman, J., Kennedy, N., Duong, J., Nguyen, T., Wang, Y., Davis, R. J., Greenberg, P., Flavell, R. A. and **Dong, C.** Regulation of innate and adaptive immune responses by MKP5. (2004) *Nature*. 430:793-797.
22. Scott, B. G., Yang, H., Tüzün, E., **Dong, C.**, Flavell, R. A., and Christadoss, P. ICOS is essential for the development of experimental autoimmune myasthenia gravis. (2004) *J Neuroimmunol*. 153(1-2):16-25.
23. Park, H., Li, Z., Yang, X. O., Chang, S. H., Nurieva, R. I., Wang, Y., Hood, L., Tian, Q., **Dong, C.** A novel lineage of TH cells regulates tissue inflammation by producing IL-17. (2005) *Nature Immunology*. 6:1133-1141.
24. Yao, G., Chen, W., Luo, H. Jiang, Q., Xia, Z., Zang, L., Zuo, J., Wei, X., Chen, Z., Shen, X., **Dong, C.** and Sun, B. Identification of core functional region of murine IL-4 using peptide phage display and molecular modeling. (2005) *International Immunology*. 18(1): 19-29.
25. Huang, C., Bi, E., Hu, Y. Deng, W., Tian, Z., **Dong, C.**, Hu, Y. and Sun, B. A novel NF- κ B binding site controls human granzyme B gene transcription. (2006) *Journal of Immunology*. 176: 4173-4181.
26. Nguyen, T., Liu, X., Zhang, Y., and **Dong, C.** BTNL2, a butyrophilin-like molecule that functions to inhibit T cell activation. (2006) *Journal of Immunology*. 176:7354-7360.
27. Yu, X.-Z., Liang, Y., Nurieva, R., Guo, F., Anasetti, C. and **Dong, C.** Opposing Effects of ICOS on Graft-versus-Host Disease Mediated by CD4 and CD8 T Cells. (2006) *Journal of Immunology*. 176: 7394-7401.
28. Nurieva, R.I. Thomas, S., Nguyen, T., Martin-Orozco, N., Wang, Y., Kaja, M.-K., Yu, X.-Z., and **Dong, C.** T-cell immunity or tolerance is regulated by a combinatorial costimulation signal. (2006) *EMBO Journal*. 25: 2623-2633.
29. Wu, X., Hou, W., Sun, S., Bi, E., Wang, Y., Shi, M., Zang, J., **Dong, C.**, and Sun, B. Novel Function of IFN- γ : Negative Regulation of Dendritic Cell Migration and T Cell Priming. (2006) *Journal of Immunology*. 177:934-943
30. Zhang, Y., Chung, Y. S., Bishop, C., Daugherty, B., Chute, H., Holst, P., Kurahara, C., Lott, F., Sun, N., Welcher, A., and **Dong, C.** Regulation of T cell activation and tolerance by PDL2. (2006) *Proceedings of National Academy of Sciences*. 103: 11695-11700.
31. Mesturini, R., Nicola, S., Chiochetti, A., Bernardone, I. S., Castelli, L., Bensi, T., Ferretti, M., Comi, C., **Dong, C.**, Rojo, J. M., Yagi, J., Dianzani, U. ICOS cooperates with CD28, IL-2, and IFN- γ and modulates activation of human naive CD4+ T cells. (2006) *European Journal of Immunology*. 36(10): 2601-2612.
32. Chung, Y. S., Yang, X. O., Chang, S. H., Ma, L., Tian, Q., and **Dong, C.** Expression and regulation of IL-22 in IL-17-expressing CD4+ T lymphocytes. (2006) *Cell Research*. 16: 902-907.
33. Martin-Orozco, N., Wang, Y.-H., Yagita, H. and **Dong, C.** Cutting Edge: PD-1-PD-L1 interaction is required for CD8+ T cell tolerance to tissue antigens. (2006) *Journal of Immunology*. 177: 8291-8295.
34. Wan, B., Hong, J., Chen, X., **Dong, C.** and Zhang, J. Z. Aberrant regulation of synovial T cell activation by soluble co-stimulatory molecules in rheumatoid arthritis. (2006) *Journal of Immunology*. 177: 8844-8850.
35. Chang, S. H., Park, H., and **Dong, C.** Act1 is an immediate and essential signaling component of IL-17 receptor. (2006) *Journal of Biological Chemistry*. 281: 35603-35607.

36. Hsu, Y.-M. S., Zhang, Y., You, Y., Wang, D., Li, H., Duramad, O., Qin, X.-F., **Dong, C.**, Lin, X. The essential role of CARD9 in innate immune responses. (2007) *Nature Immunology*. 8:198-205.
37. Akimzhanov, A., Yang, X. O. and **Dong, C.** Chromatin Remodeling at IL-17-IL-17F cytokine gene locus during inflammatory helper T cell differentiation. (2007) *Journal of Biological Chemistry* 282:5969-5972.
38. Yang, Y., Liu, X., Nguyen, T., Bishop, C., Graf, D. and **Dong, C.** Characterization of B7S3 as a novel negative regulator of T cells. (2007) *Journal of Immunology*. 178: 3661–3667.
39. Grabiner; B., Blonska; M., Lin; P.-C., You; Y., Wang; D., Sun; J., **Dong; C.**, Lin, X. CARMA3 deficiency abrogates G protein-coupled receptor-induced NF-kB activation. (2007) *Genes and Development*. 21:984-996.
40. Yang, X. O., Panopoulos, A. D., Nurieva, R., Chang, S. H., Wang, D., Watowich, S. S., and **Dong, C.** Stat3 regulates cytokine-mediated generation of inflammatory helper T cells. (2007) *Journal of Biological Chemistry* 282: 9358-9363.
41. Chang, S. H. and **Dong, C.** A novel heterodimeric cytokine consisting of IL-17 and IL-17F regulates inflammatory responses. (2007) *Cell Research* 17: 435-440.
42. Nurieva, R.I, Chuvpilo, S., Wieder, E. D., Elkon, K. B., Locksley, R., Serfling, E. and **Dong, C.** A costimulation-initiated signaling pathway regulates NFATc1 transcription in T lymphocytes. (2007) *Journal of Immunology*. 179: 1096–1103.
43. Angkasekwinai, P., Park, H., Wang, Y.-H., Wang, Y.-H., Chang, S. H., Corry, D. B., Liu, Y.-J., Zhu, Z. and **Dong, C.** IL-25 regulates the initiation of pro-allergic type 2 responses. (2007) *Journal of Experimental Medicine*. 204(7):1509-1517.
44. Nurieva, R., Yang, X. O., Martinez, G., Zhang, Y., Panopoulos, A. D., Ma, L., Schluns, K., Tian, Q., Watowich, S. S., Jetten, A. M. and **Dong, C.** Essential autocrine regulation by IL-21 in the generation of inflammatory T cells. (2007) *Nature*. 448: 480-483.
45. Wang, Y. H., Angkasekwinai, P., Lu, N., Voo, K. S., Arima, K., Hanabuchi, S., Hippe, A., Corrigan, C. J., **Dong, C.**, Homey, B., Yao, Z., Ying, S., Huston, D. P., Liu, Y.J. IL-25 augments type 2 immune responses by enhancing the expansion and functions of TSLP-DC-activated Th2 memory cells. (2007) *Journal of Experimental Medicine*. 204:1837-1847.
46. Chung, Y. S., Qin, H., Kang, C.-Y., Kim, S., Kwak, L. W., and **Dong, C.** An NKT cell-mediated autologous vaccine generates potent CD4⁺ T-cell-dependent anti-lymphoma immunity. (2007) *Blood*. 110:2013-2019.
47. Yang, X. O., Pappu, B., Nurieva, R., Akimzhanov, A., Kang, H. S., Chung, Y., Ma, L., Panopoulos, A. D., Schluns, K., Watowich, S. S., Tian, Q., Jetten, A. M. and **Dong, C.** TH17 lineage differentiation is programmed by orphan nuclear receptors ROR α and ROR γ . *Immunity*. 28, 29–39.
48. Chung, Y. S., Nurieva, R., Esashi, E., Wang, Y.-H., Zhou, D., Gapin, L., and **Dong, C.** A Critical Role of Costimulation During Intrathymic Development of Invariant NKT cells. (2008) *Journal of Immunology*. 180:2276-2783.
49. Valaperti, A., Marty, R. R., Kania, G., Germano, D., Mauermann, N., Dirnhofer, S., Leimenstoll, B., Blyszczuk, P., **Dong, C.**, Mueller, C., Hunziker, L., Eriksson, U. CD11b+ Monocytes Abrogate Th17 CD4+ T Cell-Mediated Experimental Autoimmune Myocarditis. (2008) *Journal of Immunology*. 180:2686-95.
50. Hawiger, D., Tran, E., Du, W., Booth, C. J., Wen, L., **Dong, C.** and Flavell, R. A. ICOS mediates the development of insulin-dependent diabetes mellitus in nonobese diabetic mice. (2008) *Journal of Immunology*. 180:3140-3147.

51. Rojo, J. M., Pini, E., Ojeda, G., Bello, R., Dong, C., Flavell, R. A., Dianzani, U., Portolés, P. ICOS⁺ CD4⁺ T lymphocytes inhibit T cell activation "in vitro" and attenuate autoimmune encephalitis "in vivo". (2008) *International Immunology* 20:577-589.
52. Pappu, B. P., Borodovsky, A., Zheng, T., Yang, X., Wu, P., Dong, X., Weng, S., Browning, B., Scott, M., Ma, L., Tian, Q., Schneider, P., Flavell, R. A., **Dong, C.** * and Burkly, L. C. * TL1A-DR3 interaction regulates Th17 cell proliferation and Th17-mediated autoimmune disease.(2008) *Journal of Experimental Medicine*. 205:1049-1062. (* co-correspondent authors)
53. Yang, X. O., Chang, S. H., Park, H., Nurieva, R., Wang, Y.-H., Zhu, Z. and **Dong, C.** Regulation of inflammatory responses by IL-17F. (2008) *Journal of Experimental Medicine* 205:1063-1075.
54. Yang, X. O., Nurieva, R., Martinez, G. J., Chung, Y., Kang, H. S., Pappu, B. P., Shah, B., Chang, S. H., Schluns, K. S., Watowich, S. S., Feng, X., Jetten, A. M. and **Dong, C.** Molecular antagonism and plasticity of regulatory and inflammatory T cell programs. (2008) *Immunity*. 29:44-56.
55. Nurieva, R. I., Chung, Y., Hwang, D., Yang, X. O., Kang, H. S., Ma, L., Wang, Y.-H., Watowich, S. S., Jetten, A. M., Tian, Q. and **Dong, C.** Generation of follicular helper T cells is mediated by IL-21 but independent of TH1, TH2 or TH17 lineages. (2008) *Immunity*. 29:138-149.
56. Odegard, J. M., Marks, B. R., DiPlacido, L. D., Poholek, A. C., Kono, D. H., **Dong, C.**, Flavell, R. A. and Craft, J. ICOS-dependent extrafollicular helper T cells elicit IgG production via IL-21 in systemic autoimmunity. (2008) *Journal of Experimental Medicine*. 205:2873-2866.
57. Yamazaki, T., Yang, X. O., Chung, Y., Fukunaga, A., Nurieva, R., Pappu, B., Martin-Orozco, N., Kang, H. S., Ma, L., Panopoulos, A. D., Craig, S., Watowich, S. S., Jetten, A. M., Tian, Q., and **Dong, C.** CCR6 regulates the migration of inflammatory and regulatory T cells. (2008) *Journal of Immunology*. 181:8391-8401.
58. Martin-Orozco, N., Chang, S. H., Chung, Y., Wang, Y.- H. and **Dong, C.** Th17 cells promote pancreatic inflammation but only induce diabetes efficiently in lymphopenic hosts after conversion into Th1 cells. (2009) *European Journal of Immunology* 39: 216–224.
59. Nurieva, R., Yang, X. O., Chung, Y. and Dong, C. Cutting Edge: In vitro generated TH17 cells maintain their cytokine expression program in normal but not lymphopenic hosts. (2009) *Journal of Immunology*. 182: 2565–2568.
60. Odegard, J. M., DiPlacido, L. D., Greenwald, L., Kashgarian, M., Kono, D. H., **Dong, C.**, Flavell, R. A. and Craft, J. ICOS Controls Effector Function, but Not Trafficking Receptor Expression, of Kidney-Infiltrating Effector T Cells in Murine Lupus. (2009) *Journal of Immunology*. 182(7):4076-84.
61. Liu , X., Alexiou, M., Martin-Orozco , N., Chung , Y., Nurieva , R., Ma , L., Tian, Q., Kollias, G., Lu, S., Graf, D. and **Dong, C.** Cutting Edge: A critical role of BTLA in peripheral T cell tolerance induction. (2009) *Journal of Immunology*. 182: 4516–4520.
62. Chung, Y., Chang, S. H., Martinez, G. J., Yang, X. O., Nurieva, R., Kang, H. S., Ma, L., Watowich, S. S., Jetten, A., Tian, Q. and **Dong, C.** Critical regulation of early Th17 cell differentiation by IL-1 signaling. (2009) *Immunity*. 30, 576–587.
63. Goswami, S., Angkasekwina, P., Shan, M., Greenlee, K. J., Barranco, W. T., Polikepahad, S., Seryshev, A., Redding, D., Singh, B., Sur, S., Woodruff, P., **Dong, C.**, Corry, D. B. and Kheradmand, F. Divergent roles for airway epithelial MMP7 and retinoic acid in experimental asthma. (2009) *Nature Immunology*. 10:496-503.
64. Leitner, J., Klauser, C., Pickl, W. F., Stöckl, J., Majdic, O., Bardet, A. F., Kreil, D. P., **Dong, C.**, Yamazaki, T., Zlabinger, G., Pfistershammer, K. and Steinberger, P. B7-H3 is a

- potent inhibitor of human T cell activation: No evidence for B7-H3 and TREML2 interaction. (2009) *European Journal of Immunology*. 39: 1754–1764.
65. Yu, Y., Iclozan, C., Yamazaki, T., Yang, X., Anasetti, C., **Dong, C.**, Yu, X. Z. Abundant c-FLIP expression determines resistance of Th17 cells to activation-induced cell death. (2009) *Blood*. 114: 1026-1028.
 66. Nurieva, R. I., Chung, Y., Martinez, G. J., Yang, X. O., Tanaka, S., Matskevitch, T. D., Wang, Y.-H. and **Dong, C.** Bcl6 mediates the development of T follicular helper cells. (2009) *Science*. 325: 1001 - 1005.
 67. Qian, F., Deng, J., Cheng, N., Welch, E. J., Zhang, Y., Malik, A. B., Flavell, R. A., **Dong, C.**, and Ye, R. D. A non-redundant role for MKP5 in limiting ROS production and preventing LPS-induced vascular injury. (2009) *EMBO Journal*. **28**, 2896 - 2907.
 68. Zhang, Y., Reynolds, J., Chang, S. H., Martin-Orozco, N., Chung, Y., Nurieva, R. I. and **Dong, C.** MAP kinase phosphatase 1 is necessary for T cell activation and function. (2009) *Journal of Biological Chemistry*. 284: 30815–30824.
 69. Martin-Orozco, N., Muranski, P., Chung, Y., Yang, X. O., Yamazaki, T., Lu, S., Hwu, P., Restifo, N. P., Overwijk, W. W. and **Dong, C.** T helper 17 cells promote cytotoxic T cell activation in tumor immunity. (2009) *Immunity*. 31, 787–798.
 70. Yang, X. O., Angkasekwinai, P., Liu, Z.-D., Zhu, J., Peng, J., Nurieva, R., Chang, S. H., Sun, B., and **Dong, C.** Requirement for the basic helix-loop-helix transcription factor Dec2 in initial TH2 lineage commitment. (2009) *Nature Immunology*. **10**: 1260 - 1266.
 71. Martinez, G. J., Zhang, Z., Chung, Y., Reynolds, J. M., Lin, X., Jetten, A. M., Feng, X. H. and **Dong, C.** SMAD3 differentially regulates the induction of regulatory and inflammatory T cell differentiation. (2009) *Journal of Biological Chemistry*. 284:35283-35286.
 72. Peng, J., Yang, X.O., Chang, S. H., Yang, J. and **Dong, C.** IL-23 signaling enhances Th2 polarization and regulates allergic airway inflammation. (2010) *Cell Research*. 20:62-71.
 73. Niu, X., He, D., Zhang, X., Yue, T., Li, N., Zhang, J. Z., **Dong, C.** and Chen, G. IL-21 regulates Th17 cells in rheumatoid arthritis. (2010) *Human Immunology*. 71:334-341.
 74. Angkasekwinai, P., Chang, S. H., Thapa, M., Watarai, H. and **Dong, C.** Regulation of IL-9 expression by IL-25 signaling. (2010) *Nature Immunology*. 11:250-256.
 75. Reynolds, J. M., Pappu, B. P., Peng, J., Martinez, G. J., Zhang, Y., Chung, Y., Ma, L., Yang, X. O., Nurieva, R. I., Tian, Q. and **Dong, C.** Toll-like receptor 2 signaling in CD4+ T lymphocytes promotes T helper 17 responses and regulates the pathogenesis of autoimmune disease. (2010) *Immunity*. 32, 692–702.
 76. Nurieva, R. I., Zheng, S., Jin, W., Chung, Y., Martinez, G. J., Zhang, Y., Reynolds, J. M., Wang, S.-L., Lin, X., Sun, S.-C., Lozano, G. and **Dong, C.** The E3 ubiquitin ligase GRAIL regulates T cell tolerance and regulatory T cell function by mediating T cell receptor-CD3 degradation. (2010) *Immunity*. 32, 670–680.
 77. Yu, H. S., Angkasekwinai, P., Chang, S. H., Chung, Y., and **Dong, C.** Protease allergens induce the expression of IL-25 via Erk and p38 MAPK Pathway. (2010) *Journal of Korean Medical Sciences*. 25: 829-834
 78. Martinez, G. J., Zhang, Z., Reynolds, J. M., Tanaka, S., Chung, Y., Liu, T., Robertson, E., Lin, X., Feng, X. H. and **Dong, C.** SMAD2 positively regulates the generation of Th17 cells. (2010) *Journal of Biological Chemistry*. 285: 29039-29043.
 79. Fukaya, T., Takagi, H., Sato, Y., Sato, K., Eizumi, K., Taya, H., Shin, T., Chen, L., **Dong, C.**, Azuma, M., Yagita, H., Malissen, B. and Sato, K. Crucial roles of B7-H1 and B7-DC expressed on mesenteric lymph node dendritic cells in the generation of antigen-specific CD4+Foxp3+regulatory T cells in the establishment of oral tolerance. (2010) *Blood*. 116: 2266-2276.

80. Kaiko, G., Phipps, S., Angkasekwina, P., **Dong, C.** and Foster, P. NK cell deficiency predisposes to viral-induced Th2-type allergic inflammation via epithelial-derived IL-25. (2010) *Journal of Immunology*. 185:4681-4690.
81. Duan, W., Mehta, A. K., Magalhaes, J. G., Ziegler, S. F., **Dong, C.**, Philpott, D. J., and Croft, M. Innate signals from Nod2 block respiratory tolerance and program Th2 driven allergic inflammation. (2010) *Journal of Allergy and Clinical Immunology*. 126(6):1284-1293.
82. Yamazaki, T., Goya, I., Graf, D., Craig, S., Martin-Orozco, N. and **Dong, C.** A butyrophilin family member critically inhibits T cell activation. (2010) *Journal of Immunology*. 185:5907-5914.
83. Martin-Orozco, N., Li, Y., Wang, Y., Liu, S., Hwu, P., Liu, Y. J., **Dong, C.** and Radvanyi L. Melanoma cells express ICOS ligand to promote the activation and expansion of T-regulatory cells. (2010) *Cancer Research*. 70:9581-9590.
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Invited articles and book chapters

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