



Everett Meyer

Assistant Professor of Medicine (Blood and Marrow Transplantation), of Pediatrics (Stem Cell Transplantation) and, by courtesy, of Surgery (Abdominal Transplantation) at the Stanford University Medical Center

Medicine - Blood & Marrow Transplantation

CLINICAL OFFICES

- **Stanford Cancer Center**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Research focus in hematopoietic stem cell transplantation and Treg cell immunotherapy, with an emphasis on the treatment of graft-versus-host disease as well as immune tolerance induction for transplantation and autoimmunity.

CLINICAL FOCUS

- Cancer > Blood and Marrow Transplant
- Hematology

ACADEMIC APPOINTMENTS

- Assistant Professor - Med Center Line, Medicine - Blood & Marrow Transplantation
- Assistant Professor - Med Center Line, Pediatrics - Stem Cell Transplantation
- Assistant Professor - Med Center Line (By courtesy), Surgery - Abdominal Transplantation
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

HONORS AND AWARDS

- Young Investigator Award, American Society of Blood and Marrow Transplantation (2011)
- Amy Streizer Manasevit Scholar, National Donor Marrow Program and American Society for Blood and Marrow Transplantation (2013)
- Beckman Center Technology Grant, Stanford University (2014)
- Career Development Award, JDRF (2017)

PROFESSIONAL EDUCATION

- Medical Education: Stanford University School of Medicine (2008) CA
- Residency: Stanford University Internal Medicine Residency (2010) CA

- Internship: Stanford University Internal Medicine Residency (2009) CA
- Fellowship: Stanford University Hematology and Oncology Fellowship (2013) CA
- Board Certification: Hematology, American Board of Internal Medicine (2016)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2011)

LINKS

- Meyer Laboratory Website: med.stanford.edu/meyerlab/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Research focus in T cell immunotherapy and T cell immune monitoring using high-throughput sequencing and genomic approaches, with an emphasis on hematopoietic stem cell transplantation, the treatment of graft-versus-host disease and immune tolerance induction.

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Allison Hester, Shiva Pathak, Magdiel Pérez Cruz, Xiangni Wu

Doctoral Dissertation Co-Advisor (NonAC)

Justin Arredondo-Guerrero, Preksha Bhagchandani, Bryan Xie

Doctoral Dissertation Reader (NonAC)

Payton Marshall

Postdoctoral Research Mentor

Shiva Pathak, Magdiel Pérez Cruz, Xiangni Wu

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (Phd Program)

Publications

PUBLICATIONS

- **Massively parallel interrogation and mining of natively paired human TCR alpha beta repertoires** *NATURE BIOTECHNOLOGY*
Spindler, M. J., Nelson, A. L., Wagner, E. K., Oppermans, N., Bridgeman, J. S., Heather, J. M., Adler, A. S., Asensio, M. A., Edgar, R. C., Lim, Y., Meyer, E. H., Hawkins, R. E., Cobbold, et al
2020
- **Allogeneic Hematopoietic Cell Transplantation for Adult Acute Lymphoblastic Leukemia: Significant Increase in Survival in the Post-Targeted Immunotherapy Era**
Muffly, L., Arai, S., Johnston, L., Lowsky, R., Meyer, E. H., Miklos, D. B., Negrin, R. S., Rezvani, A., Shiraz, P., Shizuru, J. A., Sidana, S., Weng, W., Cunanan, et al
ELSEVIER SCIENCE INC.2020: S106
- **Analysis of Whole CDR3 TCR Repertoire after Hematopoietic Stem Cell Transplantation in Two Clinical Cohorts.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*
Shah, O., Tamaresis, J. S., Kenyon, L. J., Xu, L., Zheng, P., Gupta, P., Rangarajan, K., Lee, S., Spellman, S., Nikiforow, S., Zehnder, J., Meyer, E. H.
2020
- **High-Parametric Evaluation of Human Invariant Natural Killer T Cells to Delineate Heterogeneity in Allo- and Autoimmunity.** *Blood*

- Erkers, T., Xie, B., Kenyon, L. J., Smith, B., Rieck, M., Jensen, K. P., Ji, X., Basina, M., Strober, S., Negrin, R. S., Maecker, H. T., Meyer, E.
2020
- **Mixed chimerism and acceptance of kidney transplants after immunosuppressive drug withdrawal.** *Science translational medicine*
Busque, S., Scandling, J. D., Lowsky, R., Shizuru, J., Jensen, K., Waters, J., Wu, H. H., Sheehan, K., Shori, A., Choi, O., Pham, T., Fernandez Vina, M. A., Hoppe, et al
2020; 12 (528)
 - **Editorial: Immune Tolerance Post Allogeneic Hematopoietic Cell Transplantation.** *Frontiers in immunology*
Schneidawind, D., Meyer, E.
2020; 11: 523
 - **A novel antibody-cell conjugation method to enhance and characterize cytokine-induced killer cells.** *Cytotherapy*
Frank, M. J., Olsson, N., Huang, A., Tang, S. W., Negrin, R. S., Elias, J. E., Meyer, E. H.
2020; 22 (3): 135–43
 - **Massively parallel interrogation and mining of natively paired human TCR## repertoires.** *Nature biotechnology*
Spindler, M. J., Nelson, A. L., Wagner, E. K., Oppermans, N., Bridgeman, J. S., Heather, J. M., Adler, A. S., Asensio, M. A., Edgar, R. C., Lim, Y. W., Meyer, E. H., Hawkins, R. E., Cobbold, et al
2020; 38 (5): 609–19
 - **Microtransplantation in Older Patients with AML: A Pilot Study of Safety, Efficacy and Immunologic Effects.** *American journal of hematology*
Sung, A. D., Jauhari, S., Siamakpour-Reihani, S., Rao, A. V., Staats, J., Chan, C., Meyer, E., Gadi, V. K., Nixon, A. B., Lyu, J., Xie, J., Bohannon, L., Li, et al
2020
 - **Autologous tumor cell vaccine induces antitumor T cell immune responses in patients with mantle cell lymphoma: A phase I/II trial.** *The Journal of experimental medicine*
Frank, M. J., Khodadoust, M. S., Czerwinski, D. K., Haabeth, O. A., Chu, M. P., Miklos, D. B., Advani, R. H., Alizadeh, A. A., Gupta, N. K., Maeda, L. S., Reddy, S. A., Laport, G. G., Meyer, et al
2020; 217 (9)
 - **Editorial: NKT Cells in Cancer Immunotherapy.** *Frontiers in immunology*
Webb, T. J., Yuan, W., Meyer, E., Dellabona, P.
2020; 11: 1314
 - **Clonal Evolution and Changes in Two AML Patients Detected with A Novel Single-Cell DNA Sequencing Platform.** *Scientific reports*
Xu, L., Durruthy-Durruthy, R., Eastburn, D. J., Pellegrino, M., Shah, O., Meyer, E., Zehnder, J.
2019; 9 (1): 11119
 - **Comprehensive Immune Monitoring of Clinical Trials to Advance Human Immunotherapy.** *Cell reports*
Hartmann, F. J., Babdor, J., Gherardini, P. F., Amir, E. D., Jones, K., Sahaf, B., Marquez, D. M., Krutzik, P., O'Donnell, E., Sigal, N., Maecker, H. T., Meyer, E., Spitzer, et al
2019; 28 (3): 819
 - **Donor-Derived Cytokine-Induced Killer Cell Infusion as Consolidation after Nonmyeloablative Allogeneic Transplantation for Myeloid Neoplasms** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Narayan, R., Benjamin, J. E., Shah, O., Tian, L., Tate, K., Armstrong, R., Xie, B. J., Lowsky, R., Laport, G., Negrin, R. S., Meyer, E. H.
2019; 25 (7): 1293–1303
 - **Transplantation of donor grafts with defined ratio of conventional and regulatory T cells in HLA-matched recipients** *JCI INSIGHT*
Meyer, E. H., Laport, G., Xie, B. J., MacDonald, K., Heydari, K., Sahaf, B., Tang, S., Baker, J., Armstrong, R., Tate, K., Tadisco, C., Arai, S., Johnston, et al
2019; 4 (10)
 - **Donor-derived CIK Cell Infusion as Consolidation after Non-myeloablative Allogeneic Transplant for Myeloid Neoplasms.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*
Narayan, R., Benjamin, J. E., Shah, O., Tian, L., Tate, K., Armstrong, R., Xie, B., Lowsky, R., Laport, G., Negrin, R. S., Meyer, E. H.
2019
 - **Blockade of TIM-1 on the donor graft ameliorates graft-versus-host disease following hematopoietic cell transplantation.** *Blood advances*
Iliopoulou, B. P., Hsu, K., Pérez-Cruz, M., Tang, S. W., Pang, W. W., Erkers, T., Kambham, N., Freeman, G. J., Dekruyff, R. H., Meyer, E. H.
2019; 3 (21): 3419–31

- **Nonmyeloablative TLI-ATG conditioning for allogeneic transplantation: mature follow-up from a large single-center cohort.** *Blood advances*
Spinner, M. A., Kennedy, V. E., Tamaresis, J. S., Lavori, P. W., Arai, S., Johnston, L. J., Meyer, E. H., Miklos, D. B., Muffly, L. S., Negrin, R. S., Rezvani, A. R., Shizuru, J. A., Weng, et al
2019; 3 (16): 2454–64
- **Optimization and characterization of calcium phosphate transfection in mesenchymal stem cells.** *Tissue engineering. Part C, Methods*
Lo, C. W., Lin, T. H., Ueno, M., Romero-Lopez, M., Maruyama, M., Kohno, Y., Rhee, C., Yao, Z., Pérez-Cruz, M., Meyer, E., Goodman, S. B.
2019
- **Transplantation of donor grafts with defined ratio of conventional and regulatory T cells in HLA-matched recipients.** *JCI insight*
Meyer, E. H., Laport, G., Xie, B. J., MacDonald, K., Heydari, K., Sahaf, B., Tang, S. W., Baker, J., Armstrong, R., Tate, K., Tadisco, C., Arai, S., Johnston, et al
2019; 4 (10)
- **Acute myeloid leukemia immunopeptidome reveals HLA presentation of mutated nucleophosmin.** *PLoS one*
Narayan, R., Olsson, N., Wagar, L. E., Medeiros, B. C., Meyer, E., Czerwinski, D., Khodadoust, M. S., Zhang, L., Schultz, L., Davis, M. M., Elias, J. E., Levy, R.
2019; 14 (7): e0219547
- **A Proinflammatory Invariant Natural Killer T Cells Phenotypic State Associates with Human Graft-Versus-Host Disease Onset and Response**
Erkers, T., Xei, B., Kenyon, L., Rieck, M., Basina, M., Jensen, K., Strober, S., Negrin, R. S., Maecker, H. T., Meyer, E. H.
AMER SOC HEMATOLOGY.2018
- **Relationship Between Mixed Chimerism and Acceptance of HLA-matched and -Mismatched Kidney Transplants after Withdrawal of Immunosuppressive Drugs**
Busque, S., Scandling, J., Lowsky, R., Shizuru, J., Jensen, K., Shori, A., Hoppe, R., Engleman, E., Meyer, E., Strober, S.
LIPPINCOTT WILLIAMS & WILKINS.2018: S393
- **ASBMT Practice Guidelines Committee Survey on Long-Term Follow-Up Clinics for Hematopoietic Cell Transplant Survivors** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Hashmi, S. K., Lee, S. J., Savani, B. N., Burns, L., Wingard, J. R., Perales, M., Palmer, J., Chow, E., Meyer, E., Marks, D., Mohty, M., Inamoto, Y., Rodriguez, et al
2018; 24 (6): 1119–24
- **Infusion of donor-derived CD8(+) memory T cells for relapse following allogeneic hematopoietic cell transplantation** *BLOOD ADVANCES*
Muffly, L., Sheehan, K., Armstrong, R., Jensen, K., Tate, K., Rezvani, A. R., Miklos, D., Arai, S., Shizuru, J., Johnston, L., Meyer, E., Weng, W., Laport, et al
2018; 2 (6): 681–90
- **IL-2 Plus IL-15 Leads to Enhanced Ex Vivo Expansion of Human Invariant Natural Killer T Cells**
Mayers, M., Simonetta, F., Lee, A. W., Hirai, T., Maas-Bauer, K., Alvarez, M., Turkoz, M., Baker, J., Meyer, E., Negrin, R. S.
ELSEVIER SCIENCE INC.2018: S166–S167
- **Bone Morphogenetic Protein Signaling Pathway Modulation by Blocking Anti-Repulsive Guidance Molecule B Antibody Promotes Tolerance in Graft-Versus-Host Disease**
Cruz, M., Hsu, K., Iliopoulou, B. P., Erkers, T., Pang, W., Dekruyff, R. H., Freeman, G. J., Meyer, E.
ELSEVIER SCIENCE INC.2018: S324
- **Quantifying genetic susceptibility in T1DM-implications for diagnosis after age 30** *NATURE REVIEWS ENDOCRINOLOGY*
Meyer, E., Maahs, D. M.
2018; 14 (3): 134–35
- **Validation of the Hematopoietic Cell Transplantation-Specific Comorbidity Index in Nonmyeloablative Allogeneic Stem Cell Transplantation** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Veeraputhiran, M., Yang, L., Sundaram, V., Arai, S., Lowsky, R., Miklos, D., Meyer, E., Muffly, L., Negrin, R., Rezvani, A., Shizuru, J., Weng, W., Johnston, et al
2017; 23 (10): 1744–48
- **Methodologic Considerations in the Application of Next-Generation Sequencing of Human TRB Repertoires for Clinical Use** *JOURNAL OF MOLECULAR DIAGNOSTICS*
Xu, L., You, X., Zheng, P., Zhang, B. M., Gupta, P. K., Lavori, P., Meyer, E., Zehnder, J. L.
2017; 19 (1): 72–83
- **HLA-mismatched unrelated donor transplantation using TLI-ATG conditioning has a low risk of GVHD and potent antitumor activity.** *Blood advances*

- Spinner, M. A., Fernández-Viña, M., Creary, L. E., Quinn, O., Elder, L., Arai, S., Johnston, L. J., Meyer, E. H., Miklos, D. B., Muffly, L. S., Negrin, R. S., Shizuru, J. A., Weng, et al
2017; 1 (17): 1347–57
- **T cells expressing chimeric antigen receptor promote immune tolerance.** *JCI insight*
Pierini, A., Iliopoulou, B. P., Peiris, H., Pérez-Cruz, M., Baker, J., Hsu, K., Gu, X., Zheng, P. P., Erkers, T., Tang, S. W., Strober, W., Alvarez, M., Ring, et al
2017; 2 (20)
 - **TNF- α priming enhances CD4+FoxP3+ regulatory T-cell suppressive function in murine GVHD prevention and treatment.** *Blood*
Pierini, A., Strober, W., Moffett, C., Baker, J., Nishikii, H., Alvarez, M., Pan, Y., Schneidawind, D., Meyer, E., Negrin, R. S.
2016; 128 (6): 866-871
 - **Freeze and Thaw of CD4(+) CD25(+) Foxp3(+) Regulatory T Cells Results in Loss of CD62L Expression and a Reduced Capacity to Protect against Graft-versus-Host Disease** *PLOS ONE*
Florek, M., Schneidawind, D., Pierini, A., Baker, J., Armstrong, R., Pan, Y., Leveson-Gower, D., Negrin, R., Meyer, E.
2015; 10 (12)
 - **Risks and benefits of sex-mismatched hematopoietic cell transplantation differ according to conditioning strategy.** *Haematologica*
Nakasone, H., Remberger, M., Tian, L., Brodin, P., Sahaf, B., Wu, F., Mattsson, J., Lowsky, R., Negrin, R., Miklos, D. B., Meyer, E.
2015; 100 (11): 1477-1485
 - **Third-party CD4(+) invariant natural killer T cells protect from murine GVHD lethality** *BLOOD*
Schneidawind, D., Baker, J., Pierini, A., Buechele, C., Luong, R. H., Meyer, E. H., Negrin, R. S.
2015; 125 (22): 3491-3500
 - **CMV after transplant: T-cell repertoire crooks.** *Blood*
Meyer, E.
2015; 125 (25): 3827–28
 - **CD4+ invariant natural killer T cells protect from murine GVHD lethality through expansion of donor CD4+CD25+FoxP3+ regulatory T cells.** *Blood*
Schneidawind, D., Pierini, A., Alvarez, M., Pan, Y., Baker, J., Buechele, C., Luong, R. H., Meyer, E. H., Negrin, R. S.
2014; 124 (22): 3320-3328
 - **Autologous apoptotic cells preceding transplantation enhance survival in lethal murine graft-versus-host models** *BLOOD*
Florek, M., Segal, E. I., Leveson-Gower, D. B., Baker, J., Mueller, A. M., Schneidawind, D., Meyer, E., Negrin, R. S.
2014; 124 (11): 1832-1842
 - **Memory regulatory T cells reside in human skin** *JOURNAL OF CLINICAL INVESTIGATION*
Rodriguez, R. S., Pauli, M. L., Neuhaus, I. M., Yu, S. S., Arron, S. T., Harris, H. W., Yang, S. H., Anthony, B. A., Sverdrup, F. M., Krow-Lucal, E., MacKenzie, T. C., Johnson, D. S., Meyer, et al
2014; 124 (3): 1027-1036
 - **Transplanted terminally differentiated induced pluripotent stem cells are accepted by immune mechanisms similar to self-tolerance.** *Nature communications*
de Almeida, P. E., Meyer, E. H., Kooreman, N. G., Diecke, S., Dey, D., Sanchez-Freire, V., Hu, S., Ebert, A., Odegaard, J., Mordwinkin, N. M., Brouwer, T. P., Lo, D., Montoro, et al
2014; 5: 3903-?
 - **CD4+ invariant natural killer T cells protect from murine GVHD lethality through expansion of donor CD4+CD25+FoxP3+ regulatory T cells** *BLOOD*
Schneidawind, D., Pierini, A., Alvarez, M., Pan, Y., Baker, J., Buechele, C., Luong, R. H., Meyer, E. H., Negrin, R. S.
2014
 - **Prevalence of graft versus host disease and cytomegalovirus infection in patients post-hematopoietic cell transplantation presenting with gastrointestinal symptoms.** *Alimentary pharmacology & therapeutics*
Liu, A., Meyer, E., Johnston, L., Brown, J., Gerson, L. B.
2013; 38 (8): 955-966
 - **A distinct evolution of the T-cell repertoire categorizes treatment refractory gastrointestinal acute graft-versus-host disease.** *Blood*
Meyer, E. H., Hsu, A. R., Liliental, J., Löhr, A., Florek, M., Zehnder, J. L., Strober, S., Lavori, P., Miklos, D. B., Johnson, D. S., Negrin, R. S.
2013; 121 (24): 4955-4962

- **A distinct evolution of the T-cell repertoire categorizes treatment refractory gastrointestinal acute graft-versus-host disease** *BLOOD*
Meyer, E. H., Hsu, A. R., Liliental, J., Loehr, A., Florek, M., Zehnder, J. L., Strober, S., Lavori, P., Miklos, D. B., Johnson, D. S., Negrin, R. S.
2013; 121 (24): 4955-4962
- **Apoptotic Cells Activate NKT Cells through T Cell Ig-Like Mucin-Like-1 Resulting in Airway Hyperreactivity** *JOURNAL OF IMMUNOLOGY*
Lee, H., Meyer, E. H., Goya, S., Pichavant, M., Kim, H. Y., Bu, X., Umetsu, S. E., Jones, J. C., Savage, P. B., Iwakura, Y., Casasnovas, J. M., Kaplan, G., Freeman, et al
2010; 185 (9): 5225-5235
- **Activation of nonclassical CD1d-restricted NK T cells induces airway hyperreactivity in beta(2)-microglobulin-deficient mice** *JOURNAL OF IMMUNOLOGY*
Koh, Y. I., Kim, H. Y., Meyer, E. H., Pichavant, M., Akbari, O., Yasumi, T., Savage, P. B., DeKruyff, R. H., Umetsu, D. T.
2008; 181 (7): 4560-4569
- **ICOS/ICOSL interaction is required for CD4(+) invariant NKT cell function and homeostatic survival** *JOURNAL OF IMMUNOLOGY*
Akbari, O., Stock, P., Meyer, E. H., Freeman, G. J., Sharpe, A. H., Umetsu, D. T., DeKruyff, R. H.
2008; 180 (8): 5448-5456
- **Ozone exposure in a mouse model induces airway hyperreactivity that requires the presence of natural killer T cells and IL-17** *JOURNAL OF EXPERIMENTAL MEDICINE*
Pichavant, M., Goya, S., Meyer, E. H., Johnston, R. A., Kim, H. Y., Matangkasombut, P., Zhu, M., Iwakura, Y., Savage, P. B., DeKruyff, R. H., Shore, S. A., Umetsu, D. T.
2008; 205 (2): 385-393
- **T cells and NKT cells in the pathogenesis of asthma** *ANNUAL REVIEW OF MEDICINE*
Meyer, E. H., DeKruyff, R. H., Umetsu, D. T.
2008; 59: 281-292
- **Delirium following abrupt discontinuation of fluoxetine** *CLINICAL NEUROLOGY AND NEUROSURGERY*
Blum, D., Maldonado, J., Meyer, E., Lansberg, M.
2008; 110 (1): 69-70
- **Ozone exposure in a mouse model induces airway hyperreactivity that requires the presence of natural killer T cells and IL-17** *8th Annual Meeting of the Federation-of-Clinical-Immunology-Societies*
Pichavant, M., Goya, S., Meyer, E., Johnston, R., Kim, H., Matangkasombut, P., Zhu, M., Iwakura, Y., Savage, P., DeKruyff, R., Shore, S., Umetsu, D.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2008: S38-S38
- **iNKT cells require CCR4 to localize to the airways and to induce airway hyperreactivity** *JOURNAL OF IMMUNOLOGY*
Meyer, E. H., Wurbel, M., Staton, T. L., Pichavant, M., Kan, M. J., Savage, P. B., DeKruyff, R. H., Butcher, E. C., Campbell, J. J., Umetsu, D. T.
2007; 179 (7): 4661-4671
- **iNKT cells in allergic disease** *T CELL ACTIVATION BY CD1 AND LIPID ANTIGENS*
Meyer, E. H., DeKruyff, R. H., Umetsu, D. T.
2007; 314: 269-291
- **Natural killer T cells regulate the development of asthma** *INTERNATIONAL REVIEWS OF IMMUNOLOGY*
Umetsu, D. T., Meyer, E. H., DeKruyff, R. H.
2007; 26 (1-2): 121-140
- **CD1d restricted natural killer T cells are not required for allergic skin inflammation** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*
Elkhal, A., Pichavant, M., He, R., Scott, J., Meyer, E., Goya, S., Geha, R. S., Umetsu, D. T.
2006; 118 (6): 1363-1368
- **Medicine on a need-to-know basis** *NATURE IMMUNOLOGY*
Busch, R., Byrne, B., Gandrud, L., Sears, D., Meyer, E., Kattah, M., Kurihara, C., Haertel, E., Parnes, J. R., Mellins, E. D.
2006; 7 (6): 543-547
- **Glycolipid activation of invariant T cell receptor(+) NK T cells is sufficient to induce airway hyperreactivity independent of conventional CD4(+) T cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Meyer, E. H., Goya, S., Akbari, O., Berry, G. J., Savage, P. B., Kronenberg, M., Nakayama, T., DeKruyff, R. H., Umetsu, D. T.

2006; 103 (8): 2782-2787

- **iNKT-Cells require CCR4 binding of CCL17 to localize to the airways where they are necessary and sufficient for inducing airway hyperreactivity.** *6th Annual Meeting of the Federation-of-Clinical-Immunology-Societies*
Meyer, E., Wurbel, M., Staton, T., Savage, P., DeKruyff, R., Campbell, J., Butcher, E., Umetsu, D.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2006: S22-S22
- **Glycolipid mediated activation of iNKT cells is sufficient to induce airway hyperreactivity independent of conventional CD4 T cells.** *5th Annual Meeting of the Federation-of-Clinical-Immunology-Societies*
Meyer, E. H., Akbari, O., Berry, G., Savage, P., DeKruyff, R. H., Umetsu, D. T.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2005: S14-S15
- **Adaptation at specific loci. VII. Natural selection, dispersal and the diversity of molecular-functional variation patterns among butterfly species complexes (Colias : Lepidoptera, Pieridae)** *MOLECULAR ECOLOGY*
Watt, W. B., Wheat, C. W., Meyer, E. H., Martin, J. F.
2003; 12 (5): 1265-1275
- **Essential role of NKT cells producing IL-4 and IL-13 in the development of allergen-induced airway hyperreactivity** *NATURE MEDICINE*
Akbari, O., Stock, P., Meyer, E., Kronenberg, M., Sidobre, S., Nakayama, T., Taniguchi, M., Grusby, M. J., DeKruyff, R. H., Umetsu, D. T.
2003; 9 (5): 582-588
- **CD4 T-helper cells engineered to produce IL-10 prevent allergen-induced airway hyperreactivity and inflammation** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*
Oh, J. W., Seroogy, C. M., Meyer, E. H., Akbari, O., Berry, G., Fathman, C. G., DeKruyff, R. H., Umetsu, D. T.
2002; 110 (3): 460-468
- **Antigen-specific regulatory T cells develop via the ICOS-ICOS-ligand pathway and inhibit allergen-induced airway hyperreactivity** *NATURE MEDICINE*
Akbari, O., Freeman, G. J., Meyer, E. H., Greenfield, E. A., Chang, T. T., Sharpe, A. H., Berry, G., DeKruyff, R. H., Umetsu, D. T.
2002; 8 (9): 1024-1032