

Stanford



Leonore A. Herzenberg

Department of Genetics Professor

CONTACT INFORMATION

- **Alternate Contact**

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Bio

ACADEMIC APPOINTMENTS

- Professor (Research), Genetics

ADMINISTRATIVE APPOINTMENTS

- Endowed Chair of Flow Cytometry and Genetics, Stanford University, (2015- present)

HONORS AND AWARDS

- Honorary Fellow, Royal Microscopical Society (2016)
- Visionary use of Information Technology in the field of Medicine, Torino Medical Science Award, (2007)
- "for contributions to the work for which the Kyoto Prize was awarded", United States presentation of the Kyoto Prize (2006)
- Heroic Achievement in Information Technology, The ComputerWorld Smithsonian Award (1996)
- Eleanor Roosevelt Cancer Fellowship,, American Cancer Society (1986)
- Symposium Chair & Speaker, International Congress of Immunology (1986)
- Member, Genetics Society of America (0)
- Member, American Association of Immunologists (0)

PROFESSIONAL EDUCATION

- D.Sc-equiv., University Paris V Sorbonne , Immunolgy (1981)

PATENTS

- Leonore Herzenberg, David Parks, Stephen Meehan, Wayne Moore. "United States System and Methods for Selecting a Multiparameter Reagent Combination for Automated Fluorescence Compensations", Leland Stanford Junior University, May 20, 2014
- Wayne Moore, David R. Parks, Leonore A. Herzenberg. "United States Patent 8,548,950 Method and system for data archiving", The Board Of Trustees Of The Leland Stanford Junior University, Oct 1, 2013
- Leonard A. Herzenberg, Leonore A. Herzenberg, Stephen C. De Rosa, James Andrus,. "United States Patent 7,723,389 N-acetylcysteine compositions and methods for the treatment and prevention of drug toxicity", The Board Of Trustees Of The Leland Stanford Junior University, May 25, 2010

- Parks, D.R., Bryan, V.M., Herzenberg, L.A.. "United States Patent 4,667,830 Cell labeling with antigen-coupled microspheres", Leland Stanford Junior University, May 26, 2002
- Roederer, M., Rabin, R., Herzenberg, L.A., Herzenberg, L.A.. "United States Patent 5,968,755 Methods for Determining T-cell Profiles of Immunocompromised Subjects", Leland Stanford Junior University, Oct 29, 1999
- Herzenberg, L.A., De Rosa, S.C, Herzenberg, L.A. and Roederer, M.. "United States Patent 5,843,785 Glutathione Deficiency as a prognosis for survival in AIDS", Leland Stanford Junior University, Dec 1, 1998
- Herzenberg, L.A., Herzenberg, L.A.. "United States Patent 5,580,577 Method of treating the symptoms of human rhinovirus infection", Leland Stanford Junior University, Dec 3, 1996
- Nolan, G.P., Feiring, S, Herzenberg, L.A.. "United States Patent 5,070,012 Monitoring of cells and trans-activating transcription elements", Leland Stanford Junior University, Dec 3, 1991
- Steinman, L., Waldor, M.K., Sriram, S., Herzenberg, L.A., Herzenberg, L.A.. "United States Patent 4,695,459 Method of treating autoimmune diseases that are mediated by LEU3/CD4 phenotype T cells.", Leland Stanford Junior University, Sep 22, 1987
- Wulf Droge, Leonard A. Herzenberg, Leonore A. Herzenberg. "United States Patent 5,607,974 Treatment of diseases associated with cysteine deficiency", The Board Of Trustees Of The Leland Stanford Junior University, Mar 4, 0097
- Wulf Droge, Leonard A. Herzenberg, Leonore A. Herzenberg. "United States Patent 1,339.256 Treatment of diseases associated with hiv-infections", The Board Of Trustees Of The Leland Stanford Junior University, Jan 26, 0089
- Antonio Hardan, Rabindra Tirouvanziam, Leonore A. Herzenberg. "United States Patent 2,846,789 Compositions and methods for treating autism and autism spectrum disorder", The Board Of Trustees Of The Leland Stanford Junior University, May 3, 0012
- Denong Wang, Leonore A. Herzenberg, Donna M. Peehl, Leonard A. Herzenberg. "United States Patent 7,981,625 PROSTATE CANCER GLYCAN MARKERS AND AUTOANTIBODY SIGNATURES", The Board Of Trustees Of The Leland Stanford Junior University, Jul 19, 0011
- Leonard A. Herzenberg, David Rhodes Parks, Leonore A. Herzenberg, Wayne A. Moore, Vernon T. Oi. "United States Patent 6,947,953 Internet-linked system for directory protocol based data storage, retrieval and analysis", The Board Of Trustees Of The Leland Stanford Junior University, Sep 20, 0005

LINKS

- Laboratory Website: <http://herzenberglab.stanford.edu>
- Our Facebook Page: <https://www.facebook.com/LAHerzenberg>
- Herzenberg Laboratory - YouTube: <https://www.youtube.com/user/herzenberglab>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our laboratory focuses on understanding the basic mechanisms that determine and regulate gene expression and cell function in the immune system. Most recently, we have distinguished two functionally and physically distinct murine B cell lineages, only one of which (B-2) originates with the traditional bone marrow HSC and displays the well known characteristics of B cells that develop from the continuously renewed HSC in adult bone marrow. The other lineage, B-1a, develops from phenotypically distinct progenitors that are only detectable during fetal and early neonatal life and give rise to mature B-1a cells that develop de novo during the first 6-8 weeks of life and persist thereafter by division of the mature B cells.

Consistent with these life-style differences, our extensive IgH sequencing studies demonstrate that the antibody repertoires expressed by the two B cell lineages are shaped by forces that operate at different times during development, i.e., the B-1a repertoire is shaped by rearrangements that occur during fetal and neonatal life and are propagated by cell division thereafter, whereas the B-2 repertoire begins to develop around weaning (>6 weeks of age) and continues de novo development from HSC throughout life.

As might be expected from these decidedly distinct life styles, B-1a and B-2 show overlapping but clearly distinct IgH repertoire differences. B-1a have long known to be the source of many "anti-self" ("natural") antibodies as well as many antibodies reactive with many microorganisms. Intriguingly, we find very little difference (<10%) between the B-1a repertoire obtained from germ-free mice versus that obtained from conventionally-reared mice, indicating that exposure to self antigen conditions the B-1a anti-bacterial repertoire rather than vice versa.

In addition to our B cell studies, our laboratory maintains a strong interest in intracellular redox influences in health and disease. In earlier work, we showed that as HIV infection progresses, intracellular glutathione (GSH) levels decrease, resulting ultimately in severe intracellular GSH deficiency. Excessive acetaminophen (Tylenol) use also results in severe GSH deficiency due to GSH consumption during acetaminophen detoxification. N-acetylcysteine (NAC), a non-toxic source of cysteine, is the accepted antidote for GSH depletion. We have established flow cytometry assays for evaluating GSH depletion and its repletion by N-acetylcysteine and continue to explore the medical consequences of GSH depletion.

These and many other biomedical findings rely heavily on cell analysis and sorting with the Fluorescence-Activated Cell Sorting (FACS), which our laboratory developed initially and to which we continually add new software and hardware functionality. The dedicated group of engineers, physicists, statisticians, mathematicians, computer scientists and programmers in our FACS development group continues to make leading edge contributions to flow technology. Most recently, we developed new, user friendly and statistically reliable software to facilitate flow data analysis. We are making this software available free of charge to laboratories at .edu, .org, and similar non-profit institutions.

Overall, our laboratory operates as a community of scholars working in diverse but inter-related areas. We tend to be highly collaborative and often have students and fellows from other laboratories working at our benches. We are always open to new collaborations and new students and fellows interested in genetics, molecular biology, immunology, cell biology and/or in technology development related to these areas.

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Genetics (Phd Program)
- Immunology (Phd Program)

Publications

PUBLICATIONS

- **QFMatch: multidimensional flow and mass cytometry samples alignment** *SCIENTIFIC REPORTS*
Orlova, D. Y., Meehan, S., Parks, D., Moore, W. A., Meehan, C., Zhao, Q., Ghosn, E. B., Herzenberg, L. A., Walther, G.
2018; 8: 3291
- **Science not art: statistically sound methods for identifying subsets in multi-dimensional flow and mass cytometry data sets** *NATURE REVIEWS IMMUNOLOGY*
Orlova, D. Y., Herzenberg, L. A., Walther, G.
2018; 18 (1): 77-+
- **Characterization of immunoglobulin E plasma cells that are elevated in the upper airway mucosa of nonatopic patients with chronic rhinosinusitis without nasal polyps** *INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY*
Rashan, A. R., Ghosn, E., Peterson, A., Yang, Y., Phillips, M., Sahaf, B., Herzenberg, L., Nayak, J. V.
2016; 6 (4): 378-384
- **Fetal Hematopoietic Stem Cell Transplantation Fails to Fully Regenerate the B-Lymphocyte Compartment** *STEM CELL REPORTS*
Ghosn, E. E., Waters, J., Phillips, M., Yamamoto, R., Long, B. R., Yang, Y., Gerstein, R., Stoddart, C. A., Nakauchi, H., Herzenberg, L. A.
2016; 6 (1): 137-149
- **Blood basophil activation is a reliable biomarker of allergic bronchopulmonary aspergillosis in cystic fibrosis** *EUROPEAN RESPIRATORY JOURNAL*
Gernez, Y., Walters, J., Mirkovic, B., Lavelle, G. M., Colleen, D. E., Davies, Z. A., Everson, C., Tirouvanziam, R., Silver, E., Wallenstein, S., Chotirmall, S. H., McElvaney, N. G., Herzenberg, et al
2016; 47 (1): 177-185
- **Basophil activation test determination of CD63 combined with CD203c is not superior to CD203c alone in identifying ABPA in cystic fibrosis** *Journal of Allergy and Clinical Immunology*
Gernez, Y., Waters, J., Tirouvanziam, R., Herzenberg, L. A., Moss, R. B.

2016; 1195–96

- **Earth Mover's Distance (EMD): A True Metric for Comparing Biomarker Expression Levels in Cell Populations.** *PLoS one*
Orlova, D. Y., Zimmerman, N., Meehan, S., Meehan, C., Waters, J., Ghosn, E. E., Filatenkov, A., Kolyagin, G. A., Gernez, Y., Tsuda, S., Moore, W., Moss, R. B., Herzenberg, et al
2016; 11 (3)
- **Amyloid fibrils activate B-1a lymphocytes to ameliorate inflammatory brain disease** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Kurnellas, M. P., Ghosn, E. E., Schartner, J. M., Baker, J., Rothbard, J. J., Negrin, R. S., Herzenberg, L. A., Fathman, C. G., Steinman, L., Rothbard, J. B.
2015; 112 (49): 15016-15023
- **Co-administration of N-Acetylcysteine and Acetaminophen Efficiently Blocks Acetaminophen Toxicity.** *Drug development research*
Owumi, S. E., Andrus, J. P., Herzenberg, L. A., Herzenberg, L. A.
2015; 76 (5): 251-258
- **Co-administration of N-Acetylcysteine and Acetaminophen Efficiently Blocks Acetaminophen Toxicity** *DRUG DEVELOPMENT RESEARCH*
Owumi, S. E., Andrus, J. P., Herzenberg, L. A., Herzenberg, L. A.
2015; 76 (5): 251-258
- **Long-term treatment with oral N-acetylcysteine: Affects lung function but not sputum inflammation in cystic fibrosis subjects. A phase II randomized placebo-controlled trial** *JOURNAL OF CYSTIC FIBROSIS*
Conrad, C., Lymp, J., Thompson, V., Dunn, C., DAVIES, Z., CHATFIELD, B., Nichols, D., Clancy, J., Vender, R., Egan, M. E., Quittell, L., Michelson, P., Antony, et al
2015; 14 (2): 219-227
- **Cysteine Oxidation Targets Peroxiredoxins 1 and 2 for Exosomal Release through a Novel Mechanism of Redox-Dependent Secretion** *MOLECULAR MEDICINE*
Mullen, L., Hanschmann, E., Lillig, C. H., Herzenberg, L. A., Ghezzi, P.
2015; 21
- **Layered evolution in the immune system: a view from history** *B-1 CELL DEVELOPMENT AND FUNCTION*
Herzenberg, L. A.
2015; 1362: 1-5
- **B-1 Cell Development and Function** *B-1 CELL DEVELOPMENT AND FUNCTION*
Rothstein, T. L., Herzenberg, L. A., Holodick, N. E., Ghosn, E.
2015; 1362: V-VI
- **Distinct mechanisms define murine B cell lineage immunoglobulin heavy chain (IgH) repertoires.** *eLife*
Yang, Y., Wang, C., Yang, Q., Kantor, A. B., Chu, H., Ghosn, E. E., Qin, G., Mazmanian, S. K., Han, J., Herzenberg, L. A.
2015; 4
- **Demonstration That Antigen-Binding Cells Are Precursors of Antibody-Producing Cells After Purification with a Fluorescence-Activated Cell Sorter** *JOURNAL OF IMMUNOLOGY*
Julius, M. H., Masuda, T., Herzenberg, L. A.
2014; 193 (5): 1934-1938
- **Linkage of inflammation and oxidative stress via release of glutathionylated peroxiredoxin-2, which acts as a danger signal** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Salzano, S., Checconi, P., Hanschmann, E., Lillig, C. H., Bowler, L. D., Chan, P., Vaudry, D., Mengozzi, M., Coppo, L., Sacre, S., Atkuri, K. R., Sahaf, B., Herzenberg, et al
2014; 111 (33): 12157-12162
- **Selective uptake of single-walled carbon nanotubes by circulating monocytes for enhanced tumour delivery.** *Nature nanotechnology*
Smith, B. R., Ghosn, E. E., Rallapalli, H., Prescher, J. A., Larson, T., Herzenberg, L. A., Gambhir, S. S.
2014; 9 (6): 481-487
- **Selective uptake of single-walled carbon nanotubes by circulating monocytes for enhanced tumour delivery.** *Nature nanotechnology*
Smith, B. R., Ghosn, E. E., Rallapalli, H., Prescher, J. A., Larson, T., Herzenberg, L. A., Gambhir, S. S.
2014; 9 (6): 481-487

- **AutoGate: automating analysis of flow cytometry data.** *Immunologic research*
Meehan, S., Walther, G., Moore, W., Orlova, D., Meehan, C., Parks, D., Ghosn, E., Philips, M., Mitsunaga, E., Waters, J., Kantor, A., Okamura, R., Owumi, et al
2014; 58 (2-3): 218-223
- **The early history of Stanford Immunology.** *Immunologic research*
Jones, P. P., Herzenberg, L. A.
2014; 58 (2-3): 164-178
- **A Conversation with Leonard and Leonore Herzenberg** *ANNUAL REVIEW OF PHYSIOLOGY, VOL 76*
Herzenberg, L. A., Herzenberg, L. A., Roederer, M.
2014; 76: 1-20
- **Selective uptake of single-walled carbon nanotubes by circulating monocytes for enhanced tumour delivery** *Nature Nanotechnology*
Smith, B. R., Ghosn, E. E., et al
2014: 481-87
- **Metabolic Adaptation of Neutrophils in Cystic Fibrosis Airways Involves Distinct Shifts in Nutrient Transporter Expression** *JOURNAL OF IMMUNOLOGY*
Laval, J., Touhami, J., Herzenberg, L. A., Conrad, C., Taylor, N., Battini, J., Sitbon, M., Tirouvanziam, R.
2013; 190 (12): 6043-6050
- **Blastocyst complementation generates exogenic pancreas in vivo in apancreatic cloned pigs** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Matsunari, H., Nagashima, H., Watanabe, M., Umeyama, K., Nakano, K., Nagaya, M., Kobayashi, T., Yamaguchi, T., Sumazaki, R., Herzenberg, L. A., Nakauchi, H.
2013; 110 (12): 4557-4562
- **H-Y antigen-binding B cells develop in male recipients of female hematopoietic cells and associate with chronic graft vs. host disease** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Sahaf, B., Yang, Y., Arai, S., Herzenberg, L. A., Herzenberg, L. A., Miklos, D. B.
2013; 110 (8): 3005-3010
- **Our NIH Years: A Confluence of Beginnings** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Herzenberg, L. A., Herzenberg, L. A.
2013; 288 (1): 687-702
- **Blood basophils from cystic fibrosis patients with allergic bronchopulmonary aspergillosis are primed and hyper-responsive to stimulation by aspergillus allergens** *JOURNAL OF CYSTIC FIBROSIS*
Gernez, Y., Dunn, C. E., Everson, C., Mitsunaga, E., Gudiputi, L., Krasinska, K., Davies, Z. A., Herzenberg, L. A., Tirouvanziam, R., Moss, R. B.
2012; 11 (6): 502-510
- **Reversal of Paralysis and Reduced Inflammation from Peripheral Administration of beta-Amyloid in T(H)1 and T(H)17 Versions of Experimental Autoimmune Encephalomyelitis** *SCIENCE TRANSLATIONAL MEDICINE*
Grant, J. L., Ghosn, E. E., Axtell, R. C., Herges, K., Kuipers, H. F., Woodling, N. S., Andreasson, K., Herzenberg, L. A., Herzenberg, L. A., Steinman, L.
2012; 4 (145)
- **A Randomized Controlled Pilot Trial of Oral N-Acetylcysteine in Children with Autism** *BIOLOGICAL PSYCHIATRY*
Hardan, A. Y., Fung, L. K., Libove, R. A., Obukhanych, T. V., Nair, S., Herzenberg, L. A., Frazier, T. W., Tirouvanziam, R.
2012; 71 (11): 956-961
- **Modulation of mTOR Effector Phosphoproteins in Blood Basophils from Allergic Patients** *JOURNAL OF CLINICAL IMMUNOLOGY*
Gernez, Y., Tirouvanziam, R., Reshamwala, N., Yu, G., Weldon, B. C., Galli, S. J., Herzenberg, L. A., Nadeau, K. C.
2012; 32 (3): 565-573
- **Distinct Plasma Profile of Polar Neutral Amino Acids, Leucine, and Glutamate in Children with Autism Spectrum Disorders** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Tirouvanziam, R., Obukhanych, T. V., Laval, J., Aronov, P. A., Libove, R., Banerjee, A. G., Parker, K. J., O'Hara, R., Herzenberg, L. A., Herzenberg, L. A., Hardan, A. Y.
2012; 42 (5): 827-836
- **Development of B Cells and Erythrocytes Is Specifically Impaired by the Drug Celestrol in Mice** *PLOS ONE*

- Kusy, S., Ghosn, E. E., Herzenberg, L. A., Contag, C. H.
2012; 7 (4)
- **Distinct B-cell lineage commitment distinguishes adult bone marrow hematopoietic stem cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Ghosn, E. E., Yamamoto, R., Hamanaka, S., Yang, Y., Herzenberg, L. A., Nakauchi, H., Herzenberg, L. A.
2012; 109 (14): 5394-5398
 - **Antigen-specific memory in B-1a and its relationship to natural immunity** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Yang, Y., Ghosn, E. E., Cole, L. E., Obukhanych, T. V., Sadate-Ngatchou, P., Vogel, S. N., Herzenberg, L. A., Herzenberg, L. A.
2012; 109 (14): 5388-5393
 - **Antigen-specific antibody responses in B-1a and their relationship to natural immunity** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Yang, Y., Ghosn, E. E., Cole, L. E., Obukhanych, T. V., Sadate-Ngatchou, P., Vogel, S. N., Herzenberg, L. A., Herzenberg, L. A.
2012; 109 (14): 5382-5387
 - **Glut1-mediated glucose transport regulates HIV infection** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Loisel-Meyer, S., Swainson, L., Craveiro, M., Oburoglu, L., Mongellaz, C., Costa, C., Martinez, M., Cosset, F., Battini, J., Herzenberg, L. A., Herzenberg, L. A., Atkuri, K. R., Sitbon, et al
2012; 109 (7): 2549-2554
 - **Nerve Growth Factor A Key Local Regulator in the Pathogenesis of Inflammatory Arthritis** *ARTHRITIS AND RHEUMATISM*
Raychaudhuri, S. P., Raychaudhuri, S. K., Atkuri, K. R., Herzenberg, L. A., Herzenberg, L. A.
2011; 63 (11): 3243-3252
 - **Distinct progenitors for B-1 and B-2 cells are present in adult mouse spleen** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Ghosn, E. E., Sadate-Ngatchou, P., Yang, Y., Herzenberg, L. A., Herzenberg, L. A.
2011; 108 (7): 2879-2884
 - **Basophil CD203c Levels Are Increased at Baseline and Can Be Used to Monitor Omalizumab Treatment in Subjects with Nut Allergy** *INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY*
Gernez, Y., Tirouvanziam, R., Yu, G., Ghosn, E. E., Reshamwala, N., Tammie Nguyen, T., Tsai, M., Galli, S. J., Herzenberg, L. A., Herzenberg, L. A., Nadeau, K. C.
2011; 154 (4): 318-327
 - **A MULTI-CENTER, PHASE IIB, RANDOMIZED, PLACEBO-CONTROLLED, DOUBLE-BLIND STUDY OF THE EFFECTS OF N-ACETYL-CYSTEINE (NAC) ON REDOX CHANGES AND LUNG INFLAMMATION IN CYSTIC FIBROSIS PATIENTS**
Tirouvanziam, R., Lymp, J., Thompson, V., CHATFIELD, B. A., Nicholls, D., Clancy, J. P., Vender, R., Egan, M., Quittell, L., Michelson, P., Antony, V., Spahr, J., Rubenstein, et al
WILEY-BLACKWELL.2011: 280-281
 - **METABOLITE PROFILING OF CF AIRWAY FLUID SUGGESTS A ROLE FOR CATECHOLAMINES IN EARLY AND CHRONIC DISEASE**
Gudiputi, L., Aronov, P., Makam, M., Zirbes, J., Conrad, C., Milla, C., Herzenberg, L., Moss, R., Tirouvanziam, R.
WILEY-BLACKWELL.2011: 240-240
 - **Genetic immunization in the lung induces potent local and systemic immune responses** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Song, K., Bolton, D. L., Wilson, R. L., Camp, J. V., Bao, S., Mattapallil, J. J., Herzenberg, L. A., Herzenberg, L. A., Andrews, C. A., Sadoff, J. C., Goudsmit, J., Pau, M. G., Seder, et al
2010; 107 (51): 22213-22218
 - **Two physically, functionally, and developmentally distinct peritoneal macrophage subsets** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Bou Ghosn, E. E., Cassado, A. A., Govoni, G. R., Fukuhara, T., Yang, Y., Monack, D. M., Bortoluci, K. R., Almeida, S. R., Herzenberg, L. A., Herzenberg, L. A.
2010; 107 (6): 2568-2573
 - **Human Basophils: New Mechanisms Of Action And Role In Food Allergy** *66th Annual Meeting of the American-Academy-of-Allergy-Asthma-and-Immunology (AAAAI)*

Gernez, Y., Tirouvanziam, R., Yu, G., Reshamwala, N., Tsai, M., GALLI, S. J., Herzenberg, L. A., Nadeau, K. C.
MOSBY-ELSEVIER.2010: AB86-AB86

- **SMALL METABOLITE PROFILING OF AIRWAY FLUID UNCOVERS SPECIFIC ALTERATIONS IN CF**
Tirouvanziam, R., Aronov, P., Laval, J., Makam, M., Liu, C., Chien, A., Herzenberg, L., Gronert, K., Moss, R. B.
WILEY-BLACKWELL.2010: 243-243
- **Activation of critical, host-induced, metabolic and stress pathways marks neutrophil entry into cystic fibrosis lungs** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Makam, M., Diaz, D., Laval, J., Gernez, Y., Conrad, C. K., Dunn, C. E., Davies, Z. A., Moss, R. B., Herzenberg, L. A., Herzenberg, L. A., Tirouvanziam, R.
2009; 106 (14): 5779-5783
- **Antigen- specific B-1a antibodies induced by Francisella tularensis LPS provide long-term protection against F. tularensis LVS challenge** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Cole, L. E., Yang, Y., Elkins, K. L., Fernandez, E. T., Qureshi, N., Shlomchik, M. J., Herzenberg, L. A., Herzenberg, L. A., Vogel, S. N.
2009; 106 (11): 4343-4348
- **Inherited disorders affecting mitochondrial function are associated with glutathione deficiency and hypocitrullinemia** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Atkuri, K. R., Cowan, T. M., Kwan, T., Ng, A., Herzenberg, L. A., Herzenberg, L. A., Enns, G. M.
2009; 106 (10): 3941-3945
- **Automatic clustering of flow cytometry data with density-based merging.** *Advances in bioinformatics*
Walther, G., Zimmerman, N., Moore, W., Parks, D., Meehan, S., Belitskaya, I., Pan, J., Herzenberg, L.
2009: 686759-?
- **FR255734, a humanized, Fc-silent, anti-CD28 antibody, improves psoriasis in the SCID mouse-psoriasis xenograft model** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
Raychaudhuri, S. P., Kundu-Raychaudhuri, S., Tamura, K., Masunaga, T., Kubo, K., Hanaoka, K., Jiang, W., Herzenberg, L. A., Herzenberg, L. A.
2008; 128 (8): 1969-1976
- **CD11b expression distinguishes sequential stages of peritoneal B-1 development** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Ghosn, E. E., Yang, Y., Tung, J., Herzenberg, L. A., Herzenberg, L. A.
2008; 105 (13): 5195-5200
- **Antigen-induced B-1 class switch and persistent B-1 memory**
Yang, Y., Cole, L. E., Vogel, S. N., Wang, D., Herzenberg, L. A., Herzenberg, L. A.
FEDERATION AMER SOC EXP BIOL.2008
- **Culturing of human peripheral blood cells reveals unsuspected lymphocyte responses relevant to HIV disease** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Sahaf, B., Atkuri, K., Heydari, K., Malipatlolla, M., Rappaport, J., Regulier, E., Herzenberg, L. A., Herzenberg, L. A.
2008; 105 (13): 5111-5116
- **Profound functional and signaling changes in viable inflammatory neutrophils homing to cystic fibrosis airways** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Tirouvanziam, R., Gernez, Y., Conrad, C. K., Moss, R. B., Schrijver, I., Dunn, C. E., Davies, Z. A., Herzenberg, L. A., Herzenberg, L. A.
2008; 105 (11): 4335-4339
- **B cell lineage contributions to antiviral host responses** *SPECIALIZATION AND COMPLEMENTATION OF HUMORAL IMMUNE RESPONSES TO INFECTION*
Baumgarth, N., Choi, Y. S., Rothausler, K., Yang, Y., Herzenberg, L. A.
2008; 319: 41-61
- **Phospho-FACS: a powerful tool for exploring intracellular transduction cascades** *REVUE DES MALADIES RESPIRATOIRES*
Gernez, Y., Herzenberg, L. A., Herzenberg, L. A., Tirouvanziam, R.
2007; 24 (8): 955-964
- **Modern flow cytometry: A practical approach** *CLINICS IN LABORATORY MEDICINE*
Tung, J. W., Heydari, K., Tirouvanziam, R., Parks, D. R., Herzenberg, L. A., Herzenberg, L. A.

2007; 27 (3): 453-?

- **N-Acetylcysteine - a safe antidote for cysteine/glutathione deficiency** *CURRENT OPINION IN PHARMACOLOGY*
Atkuri, K. R., Mantovani, J. J., Herzenberg, L. A., Herzenberg, L. A.
2007; 7 (4): 355-359
- **Epitope-specific regulation: the elephant in the bathtub** *NATURE IMMUNOLOGY*
Herzenberg, L. A.
2007; 8 (8): 783-786
- **B-cell development fails in the absence of the Pbx1 proto-oncogene** *BLOOD*
Sanyal, M., Tung, J. W., Karsunky, H., Zeng, H., Selleri, L., Weissman, I. L., Herzenberg, L. A., Cleary, M. L.
2007; 109 (10): 4191-4199
- **Unraveling B-1 progenitors** *CURRENT OPINION IN IMMUNOLOGY*
Tung, J. W., Herzenberg, L. A.
2007; 19 (2): 150-155
- **Division and differentiation of natural antibody-producing cells in mouse spleen** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Yang, Y., Tung, J. W., Ghosn, E. E., Herzenberg, L. A., Herzenberg, L. A.
2007; 104 (11): 4542-4546
- **Importance of culturing primary lymphocytes at physiological oxygen levels** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Atkuri, K. R., Herzenberg, L. A., Niemi, A., Cowan, T., Herzenberg, L. A.
2007; 104 (11): 4547-4552
- **Photogenerated glycan arrays identify immunogenic sugar moieties of Bacillus anthracis exosporium** *PROTEOMICS*
Wang, D., Carroll, G. T., Turro, N. J., Koberstein, J. T., Kovac, P., Saksena, R., Adamo, R., Herzenberg, L. A., Herzenberg, L. A., Steinman, L.
2007; 7 (2): 180-184
- **Knowledge acquisition and visualization for biomedical research.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
Zimmerman, N., Meehan, S., Herzenberg, L. A., Das, A. K.
2007: 1177-?
- **FR255734, a humanized CD28 antibody is therapeutically effective in psoriasis: An in vivo study using the SCID mouse-psoriasis xenograft model.** *70th Annual Scientific Meeting of the American-College-of-Rheumatology/41st Annual Scientific Meeting of the Association-of-Rheumatology-Health-Professionals*
Raychaudhuri, S. P., Raychaudhuri, S. K., Tamura, K., Masunaga, T., Kubo, K., Jiang, W. Y., Herzenberg, L. A., Herzenberg, L. A.
WILEY-BLACKWELL.2006: 4090-90
- **Utilization of host SR protein kinases and RNA-splicing machinery during viral replication** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Fukuhara, T., Hosoya, T., Shimizu, S., Sumi, K., Oshiro, T., Yoshinaka, Y., Suzuki, M., Yamamoto, N., Herzenberg, L. A., Herzenberg, L. A., Hagiwara, M.
2006; 103 (30): 11329-11333
- **Interpreting flow cytometry data: a guide for the perplexed** *NATURE IMMUNOLOGY*
Herzenberg, L. A., Tung, J., Moore, W. A., Herzenberg, L. A., Parks, D. R.
2006; 7 (7): 681-685
- **MYC can induce DNA breaks in vivo and in vitro independent of reactive oxygen species** *CANCER RESEARCH*
Ray, S., Atkuri, K. R., Deb-Basu, D., Adler, A. S., Chang, H. Y., Herzenberg, L. A., Felsher, D. W.
2006; 66 (13): 6598-6605
- **Phenotypically distinct B cell development pathways map to the three B cell lineages in the mouse** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Tung, J. W., Mrazek, M. D., Yang, Y., Herzenberg, L. A., Herzenberg, L. A.
2006; 103 (16): 6293-6298
- **High-dose oral N-acetylcysteine, a glutathione prodrug, modulates inflammation in cystic fibrosis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

- Tirouvanziam, R., Conrad, C. K., Bottiglieri, T., Herzenberg, L. A., Moss, R. B., Herzenberg, L. A.
2006; 103 (12): 4628-4633
- **B cell lineages: documented at last!** *NATURE IMMUNOLOGY*
Herzenberg, L. A., Tung, J. W.
2006; 7 (3): 225-226
 - **Wnt signaling in the thymus is regulated by differential expression of intracellular signaling molecules** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Weerkamp, F., Baert, M. R., Naber, B. A., Koster, E. E., de Haas, E. F., Atkuri, K. R., van Dongen, J. J., Herzenberg, L. A., Staal, F. J.
2006; 103 (9): 3322-3326
 - **Haploidentical non-myeloablative allogeneic hematopoietic cell transplantation (HCT) using total lymphoid irradiation (TLI) and anti-thymocyte globulin (ATG) conditioning protects against acute graft versus host disease (GVHD)** *47th Annual Meeting of the American-Society-of-Hematology*
Lowsky, R., Heydari, K., Sahaf, B., Shizuru, J., Laport, G., Johnston, L., Stockerl-Goldstein, K., Arai, S., Miklos, D., Blume, K., Herzenberg, L., Negrin, R., Strober, et al
AMER SOC HEMATOLOGY.2005: 814A-815A
 - **Molecular imaging using labeled donor tissues reveals patterns of engraftment, rejection, and survival in transplantation** *TRANSPLANTATION*
Cao, Y. A., Bachmann, M. H., Beilhack, A., Yang, Y., Tanaka, M., Swijnenburg, R. J., Reeves, R., Taylor-Edwards, C., Schulz, S., Doyle, T. C., Fathman, C. G., Robbins, R. C., Herzenberg, et al
2005; 80 (1): 134-139
 - **Culturing at atmospheric oxygen levels impacts lymphocyte function** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Atkuri, K. R., Herzenberg, L. A., Herzenberg, L. A.
2005; 102 (10): 3756-3759
 - **Inherent specificities in natural antibodies: a key to immune defense against pathogen invasion** *SPRINGER SEMINARS IN IMMUNOPATHOLOGY*
Baumgarth, N., Tung, J. W., Herzenberg, L. A.
2005; 26 (4): 347-362
 - **The extracellular microenvironment plays a key role in regulating the redox status of cell surface proteins in HIV-infected subjects** *ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS*
Sahaf, B., Heydari, K., Herzenberg, L. A., Herzenberg, L. A.
2005; 434 (1): 26-32
 - **Functional evolution of the vertebrate Myb gene family: B-Myb, but neither A-Myb nor C-Myb, complements drosophila Myb in hemocytes** *GENETICS*
Davidson, C. J., Tirouvanziam, R., Herzenberg, L. A., Lipsick, J. S.
2005; 169 (1): 215-229
 - **The E47 transcription factor negatively regulates CD5 expression during thymocyte development** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Yang, Y., Contag, C. H., Felsher, D., Shachaf, C. M., Cao, Y., Herzenberg, L. A., Herzenberg, L. A., Tung, J. W.
2004; 101 (11): 3898-3902
 - **Fluorescence-activated cell sorting (FACS) of Drosophila hemocytes reveals important functional similarities to mammalian leukocytes** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Tirouvanziam, R., Davidson, C. J., Lipsick, J. S., Herzenberg, L. A.
2004; 101 (9): 2912-2917
 - **New approaches to fluorescence compensation and visualization of FACS data** *CLINICAL IMMUNOLOGY*
Tung, J. W., Parks, D. R., Moore, W. A., Herzenberg, L. A., Herzenberg, L. A.
2004; 110 (3): 277-283
 - **B lineage-specific regulation of V(D)J recombinase activity is established in common lymphoid progenitors** *JOURNAL OF EXPERIMENTAL MEDICINE*
BORGHESI, L., Hsu, L. Y., Miller, J. P., Anderson, M., Herzenberg, L., Herzenberg, L., Schlissel, M. S., Allman, D., Gerstein, R. M.
2004; 199 (4): 491-502
 - **Ontogeny of gamma delta T cells in humans** *JOURNAL OF IMMUNOLOGY*
De Rosa, S. C., Andrus, J. P., Perfetto, S. P., Mantovani, J. J., Herzenberg, L. A., Herzenberg, L. A., Roederer, M.

2004; 172 (3): 1637-1645

- **Genetics, facts, immunology, and redox: A tale of two lives intertwined** *ANNUAL REVIEW OF IMMUNOLOGY*
Herzenberg, L. A., Herzenberg, L. A.
2004; 22: 1-31
- **Identification of B-cell subsets: an exposition of 11-color (Hi-D) FACS methods.** *Methods in molecular biology (Clifton, N.J.)*
Tung, J. W., Parks, D. R., Moore, W. A., Herzenberg, L. A., Herzenberg, L. A.
2004; 271: 37-58
- **Non-myeloablative conditioning with total lymphoid irradiation (TLD) and anti-thymocyte globulin (ATG) for allogeneic hematopoietic cell transplantation (HCT) results in high levels of regulatory natural killer T cells and low incidences of acute GVHD and tumor relapse.** *45th Annual Meeting and Exhibition of the American-Society-of-Hematology*
Lowsky, R., Jones, S. D., Mitra, S., Shizuru, J. A., Laport, G. G., Stockerl-Goldstein, K., JOHNSTON, L. J., Stuart, M. J., Herzenberg, L. A., Hoppe, R. T., Blume, K. G., Negrin, R. S., Strober, et al
AMER SOC HEMATOLOGY.2003: 152A-153A
- **Leukocyte functional antigen 1 lowers T cell activation thresholds and signaling through cytohesin-1 and Jun-activating binding protein 1** *NATURE IMMUNOLOGY*
Perez, O. D., Mitchell, D., Jager, G. C., South, S., Murriel, C., McBride, J., Herzenberg, L. A., Kinoshita, S., Nolan, G. P.
2003; 4 (11): 1083-1092
- **Lymphocyte surface thiol levels** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Sahaf, B., Heydari, K., Herzenberg, L. A., Herzenberg, L. A.
2003; 100 (7): 4001-4005
- **B cell-dependent T cell responses: IgM antibodies are required to elicit contact sensitivity** *JOURNAL OF EXPERIMENTAL MEDICINE*
Tsuji, R. F., Szczepanik, M., Kawikova, I., Paliwal, V., Campos, R. A., Itakura, A., Akahira-Azuma, M., Baumgarth, N., Herzenberg, L. A., Askenase, P. W.
2002; 196 (10): 1277-1290
- **The history and future of the fluorescence activated cell sorter and flow cytometry: A view from Stanford** *34th Annual Oak Ridge Conference*
Herzenberg, L. A., Parks, D., Sahaf, B., Perez, O., Roederer, M., Herzenberg, L. A.
AMER ASSOC CLINICAL CHEMISTRY.2002: 1819-27
- **Identification of a germ-line pro-B cell subset that distinguishes the fetal/neonatal from the adult B cell development pathway** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Lu, L. S., Tung, J., Baumgarth, N., Herman, O., Gleimer, M., Herzenberg, L. A., Herzenberg, L. A.
2002; 99 (5): 3007-3012
- **Motexafin gadolinium (Gd-Tex) selectively induces apoptosis in HIV-1 infected CD4+T helper cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Perez, O. D., Nolan, G. P., Magda, D., MILLER, R. A., Herzenberg, L. A., Herzenberg, L. A.
2002; 99 (4): 2270-2274
- **Protein glutathionylation: coupling and uncoupling of glutathione to protein thiol groups in lymphocytes under oxidative stress and HIV infection** *MOLECULAR IMMUNOLOGY*
Ghezzi, P., Romines, B., Fratelli, M., Eberini, I., Gianazza, E., Casagrande, S., Laragione, T., Mengozzi, M., Herzenberg, L. A., Herzenberg, L. A.
2002; 38 (10): 773-780
- **Circulating thioredoxin suppresses lipopolysaccharide-induced neutrophil chemotaxis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Nakamura, H., Herzenberg, L. A., Bai, J., ARAYA, S., Kondo, N., Nishinaka, Y., Herzenberg, L. A., Yodoi, J.
2001; 98 (26): 15143-15148
- **Dynamics of cytokine and perforin expression in T cells after allogeneic bone marrow transplantation: Possible predictors of GVHD.**
Watanabe, N., DeRosa, S. C., Chao, N. J., Herzenberg, L. A., Herzenberg, L. A., Roederer, M.
AMER SOC HEMATOLOGY.2001: 661A-661A
- **V delta and V delta 2 gamma delta T cells express distinct surface markers and might be developmentally distinct lineages** *JOURNAL OF LEUKOCYTE BIOLOGY*
De Rosa, S. C., Mitra, D. K., Watanabe, N., Herzenberg, L. A., Herzenberg, L. A., Roederer, M.

2001; 70 (4): 518-526

- **Naive CD4 T cells inhibit CD28-costimulated R5 HIV replication in memory CD4 T cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Mengozi, M., Malipatlolla, M., De Rosa, S. C., Herzenberg, L. A., Herzenberg, L. A., Roederer, M.
2001; 98 (20): 11644-11649
- **Probability binning comparison: A metric for quantitating univariate distribution differences** *CYTOMETRY*
Roederer, M., Treister, A., Moore, W., Herzenberg, L. A.
2001; 45 (1): 37-46
- **Probability binning comparison: A metric for quantitating multivariate distribution differences** *CYTOMETRY*
Roederer, M., Moore, W., Treister, A., Hardy, R. R., Herzenberg, L. A.
2001; 45 (1): 47-55
- **Isoelectric focusing and enzyme overlay membrane analysis of caspase 3 activation** *ANALYTICAL BIOCHEMISTRY*
Breithaupt, T. B., Shires, A. L., Voehringer, D. W., Herzenberg, L. A., Herzenberg, L. A.
2001; 292 (2): 313-316
- **Phycoerythrin-allophycocyanin: A resonance energy transfer fluorochrome for immunofluorescence** *CYTOMETRY*
Tjioe, I., Legerton, T., Wegstein, J., Herzenberg, L. A., Roederer, M.
2001; 44 (1): 24-29
- **MHC class II expression is initiated at the earliest stage of B cell development in murine bone marrow**
Lu, L. S., Baumgarth, N., Herzenberg, L. A.
FEDERATION AMER SOC EXP BIOL.2001: A320-A320
- **Chronic elevation of plasma thioredoxin: Inhibition of chemotaxis and curtailment of life expectancy in AIDS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Nakamura, H., De Ros, S. C., Yodoi, J. J., Holmgren, A., Ghezzi, P., Herzenberg, L. A., Herzenberg, L. A.
2001; 98 (5): 2688-2693
- **11-color, 13-parameter flow cytometry: Identification of human naive T cells by phenotype, function, and T-cell receptor diversity** *NATURE MEDICINE*
De Rosa, S. C., Herzenberg, L. A., Herzenberg, L. A., Roederer, M.
2001; 7 (2): 245-248
- **The regulation of CD5 expression in murine T cells.** *BMC molecular biology*
Tung, J. W., Kunnavatana, S. S., Herzenberg, L. A., Herzenberg, L. A.
2001; 2: 5-?
- **Increased production of IL-7 accompanies HIV-1-mediated T-cell depletion: implications for T-cell homeostasis** *NATURE MEDICINE*
Napolitano, L. A., Grant, R. M., Deeks, S. G., Schmidt, D., De Rosa, S. C., Herzenberg, L. A., Herndier, B. G., Andersson, J., McCune, J. M.
2001; 7 (1): 73-79
- **Apoptolidin, a selective cytotoxic agent, is an inhibitor of F0F1-ATPase** *CHEMISTRY & BIOLOGY*
Salomon, A. R., Voehringer, D. W., Herzenberg, L. A., Khosla, C.
2001; 8 (1): 71-80
- **Understanding and exploiting the mechanistic basis for selectivity of polyketide inhibitors of F0F1-ATPase** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Salomon, A. R., Voehringer, D. W., Herzenberg, L. A., Khosla, C.
2000; 97 (26): 14766-14771
- **An early oxygen-dependent step is required for dexamethasone-induced apoptosis of immature mouse thymocytes** *JOURNAL OF IMMUNOLOGY*
Torres-Roca, J. F., Tung, J. W., Greenwald, D. R., Brown, J. M., Herzenberg, L. A., Herzenberg, L. A., Katsikis, P. D.
2000; 165 (9): 4822-4830
- **N-acetylcysteine replenishes glutathione in HIV infection** *EUROPEAN JOURNAL OF CLINICAL INVESTIGATION*
De Rosa, S. C., Zaretsky, M. D., Dubs, J. G., Roederer, M., Anderson, M., Green, A., Mitra, D., Watanabe, N., Nakamura, H., Tjioe, I., Deresinski, S. C., Moore, W. A., Ela, et al
2000; 30 (10): 915-929

- **Monoclonal antibodies and the FACS: complementary tools for immunobiology and medicine** *IMMUNOLOGY TODAY*
Herzenberg, L. A., De Rosa, S. C., Herzenberg, L. A.
2000; 21 (8): 383-390
- **B-1 and B-2 cell-derived immunoglobulin M antibodies are nonredundant components of the protective response to influenza virus infection** *JOURNAL OF EXPERIMENTAL MEDICINE*
Baumgarth, N., Herman, O. C., Jager, G. C., Brown, L. E., Herzenberg, L. A., Chen, J. Z.
2000; 192 (2): 271-280
- **B-1 cells: the lineage question revisited** *IMMUNOLOGICAL REVIEWS*
Herzenberg, L. A.
2000; 175: 9-22
- **CD4(+) T cells derived from B cell-deficient mice inhibit the establishment of peripheral B cell pools** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Baumgarth, N., Jager, G. C., Herman, O. C., Herzenberg, L. A., Herzenberg, L. A.
2000; 97 (9): 4766-4771
- **Gene microarray identification of redox and mitochondrial elements that control resistance or sensitivity to apoptosis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Voehringer, D. W., Hirschberg, D. L., Xiao, J., Lu, Q., Roederer, M., Lock, C. B., Herzenberg, L. A., Steinman, L., Herzenberg, L. A.
2000; 97 (6): 2680-2685
- **The role of B-1 and B-2 cells in immune protection from influenza virus infection** *16th Workshop on the Mechanisms of B Cell Neoplasia*
Baumgarth, N., Chen, J., Herman, O. C., Jager, G. C., Herzenberg, L. A.
SPRINGER-VERLAG BERLIN.2000: 163-169
- **B-1 cell origins and V-H repertoire determination** *16th Workshop on the Mechanisms of B Cell Neoplasia*
Herzenberg, L. A., Baumgarth, N., Wilshire, A.
SPRINGER-VERLAG BERLIN.2000: 3-13
- **Differential representations of memory T cell subsets are characteristic of polarized immunity in leprosy and atopic diseases** *INTERNATIONAL IMMUNOLOGY*
Mitra, D. K., De Rosa, S. C., Luke, A., Balamurugan, A., Khaitan, B. K., Tung, J., Mehra, N. K., Terr, A. I., O'Garra, A., Herzenberg, L. A., Herzenberg, L. A., Roederer, M.
1999; 11 (11): 1801-1810
- **An improved monobromobimane assay for glutathione utilizing tris(2-carboxyethyl)phosphine as the reductant** *ANALYTICAL BIOCHEMISTRY*
Anderson, M. T., Trudell, J. R., Voehringer, D. W., Tjioe, I. M., Herzenberg, L. A., Herzenberg, L. A.
1999; 272 (1): 107-109
- **Thioredoxin, a redox enzyme released in infection and inflammation, is a unique chemoattractant for neutrophils, monocytes, and T cells** *JOURNAL OF EXPERIMENTAL MEDICINE*
BERTINI, R., Howard, O. M., Dong, H. F., Oppenheim, J. J., Bizzarri, C., Sergi, R., Caselli, G., Pagliei, S., Romines, B., Wilshire, J. A., Mengozzi, M., Nakamura, H., Yodoi, et al
1999; 189 (11): 1783-1789
- **Nine color eleven parameter immunophenotyping using three laser flow cytometry** *CYTOMETRY*
Bigos, A., Baumgarth, N., Jager, G. C., Herman, O. C., Nozaki, T., Stovel, R. T., Parks, D. R., Herzenberg, L. A.
1999; 36 (1): 36-45
- **Predominant V-H genes expressed in innate antibodies are associated with distinctive antigen-binding sites** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Seidl, K. J., Wilshire, J. A., MacKenzie, J. D., Kantor, A. B., Herzenberg, L. A., Herzenberg, L. A.
1999; 96 (5): 2262-2267
- **Innate and acquired humoral immunities to influenza virus are mediated by distinct arms of the immune system** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Baumgarth, N., Herman, O. C., Jager, G. C., Brown, L., Herzenberg, L. A., Herzenberg, L. A.
1999; 96 (5): 2250-2255

- **Single cell analysis and selection of living retrovirus vector-corrected mucopolysaccharidosis VII cells using a fluorescence-activated cell sorting-based assay for mammalian beta-glucuronidase enzymatic activity** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Lorincz, M. C., Parente, M. K., Roederer, M., Nolan, G. P., Diwu, Z. J., Martin, D. I., Herzenberg, L. A., Wolfe, J. H.
1999; 274 (2): 657-665
- **Flow cytometric analysis and FACS sorting of cells based on GFP accumulation** *METHODS IN CELL BIOLOGY, VOL 58*
Galbraith, D. W., Anderson, M. T., Herzenberg, L. A.
1999; 58: 315-341
- **Flow cytometric analysis of transgene expression in higher plants: Green fluorescent protein** *GREEN FLUORESCENT PROTEIN*
Galbraith, D. W., Herzenberg, L. A., Anderson, M. T.
1999; 302: 296-315
- **Pairs of violet-light-excited fluorochromes for flow cytometric analysis** *CYTOMETRY*
Anderson, M. T., Baumgarth, N., Haugland, R. P., Gerstein, R. M., Tjioe, T., Herzenberg, L. A., Herzenberg, L. A.
1998; 33 (4): 435-444
- **CD1 expression defines subsets of follicular and marginal zone B cells in the spleen: beta(2)-microglobulin-dependent and independent forms** *JOURNAL OF IMMUNOLOGY*
Amano, M., Baumgarth, N., Dick, M. D., Brossay, L., Kronenberg, M., Herzenberg, L. A., Strober, S.
1998; 161 (4): 1710-1717
- **Neutrophil CD11b expression as a diagnostic marker for early-onset neonatal infection** *JOURNAL OF PEDIATRICS*
Weirich, E., Rabin, R. L., Maldonado, Y., Benitz, W., Modler, S., Herzenberg, L. A., Herzenberg, L. A.
1998; 132 (3): 445-451
- **Presence of germline and full-length IgA RNA transcripts among peritoneal B-1 cells.** *Developmental immunology*
de Waard, R., Dammers, P. M., Tung, J. W., Kantor, A. B., Wilshire, J. A., Bos, N. A., Herzenberg, L. A., Kroese, F. G.
1998; 6 (1-2): 81-87
- **Dynamics of fine T-cell subsets during HIV disease and after thymic ablation by mediastinal irradiation.** *Seminars in immunology*
Roederer, M., De Rosa, S. C., Watanabe, N., Herzenberg, L. A.
1997; 9 (6): 389-396
- **8 color, 10-parameter flow cytometry to elucidate complex leukocyte heterogeneity** *CYTOMETRY*
Roederer, M., DeRosa, S., Gerstein, R., Anderson, M., Bigos, M., Stovel, R., Nozaki, T., Parks, D., Herzenberg, L., Herzenberg, L.
1997; 29 (4): 328-339
- **Long-term depletion of naive T cells in patients treated for Hodgkin's disease** *BLOOD*
Watanabe, N., DeRosa, S. C., Cmelak, A., Hoppe, R., Herzenberg, L. A., Herzenberg, L. A., Roederer, M.
1997; 90 (9): 3662-3672
- **Interleukin-1 beta converting enzyme-like protease involvement in Fas-induced and activation-induced peripheral blood T cell apoptosis in HIV infection. TNF-related apoptosis-inducing ligand can mediate activation-induced T cell death in HIV infection** *JOURNAL OF EXPERIMENTAL MEDICINE*
Katsikis, P. D., GarciaOjeda, M. E., TORRESROCA, J. F., Tjioe, I. M., Smith, C. A., Herzenberg, L. A., Herzenberg, L. A.
1997; 186 (8): 1365-1372
- **HIV type 1 Tat protein enhances activation- not Fas (CD95)-induced peripheral blood T cell apoptosis in healthy individuals** *INTERNATIONAL IMMUNOLOGY*
Katsikis, P. D., GarciaOjeda, M. E., TORRESROCA, J. F., Greenwald, D. R., Herzenberg, L. A., Herzenberg, L. A.
1997; 9 (6): 835-841
- **Detection and isolation of gene-corrected cells in Gaucher disease via a fluorescence-activated cell sorter assay for lysosomal glucocerebrosidase activity** *BLOOD*
Lorincz, M., Herzenberg, L. A., Diwu, Z. J., Barranger, J. A., Kerr, W. G.
1997; 89 (9): 3412-3420
- **Frequent occurrence of identical heavy and light chain Ig rearrangements** *INTERNATIONAL IMMUNOLOGY*
Seidl, K. J., MacKenzie, J. D., Wang, D. N., Kantor, A. B., KABAT, E. A., Herzenberg, L. A., Herzenberg, L. A.
1997; 9 (5): 689-702

- **Disruption of overlapping transcripts in the ROSA beta geo 26 gene trap strain leads to widespread expression of beta-galactosidase in mouse embryos and hematopoietic cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Zambrowicz, B. P., Imamoto, A., Fiering, S., Herzenberg, L. A., Kerr, W. G., Soriano, P.
1997; 94 (8): 3789-3794
- **HIV does not replicate in naive CD4 T cells stimulated with CD3/CD28** *JOURNAL OF CLINICAL INVESTIGATION*
Roederer, M., Raju, P. A., Mitra, D. K., Herzenberg, L. A., Herzenberg, L. A.
1997; 99 (7): 1555-1564
- **Glutathione deficiency is associated with impaired survival in HIV disease** *Oxidative Stress and Redox Regulation Meeting*
Herzenberg, L. A., DeRosa, S. C., Dubs, J. G., Roederer, M., Anderson, M. T., Ela, S. W., Deresinski, S. C., Herzenberg, L. A.
NATL ACAD SCIENCES.1997: 1967-72
- **An unbiased analysis of V-H-D-J(H) sequences from B-1a, B-1b, and conventional B cells** *JOURNAL OF IMMUNOLOGY*
Kantor, A. B., Merrill, C. E., Herzenberg, L. A., Hillson, J. L.
1997; 158 (3): 1175-1186
- **Recurrent identical rearrangement and repeated expression of identical heavy and light chains in single anti-phosphatidylcholine B cells** *Conference on B Lymphocytes and Autoimmunity*
Seidl, K. J., MacKenzie, J. D., Wang, D. N., Kantor, A. B., KABAT, E. A., Herzenberg, L. A., Herzenberg, L. A.
NEW YORK ACAD SCIENCES.1997: 484-488
- **NF-kappa B homodimer binding within the HIV-1 initiator region and interactions with TFII-I** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Montano, M. A., Kripke, K., Norina, C. D., Achacoso, P., Herzenberg, L. A., Roy, A. L., Nolan, G. P.
1996; 93 (22): 12376-12381
- **Simultaneous fluorescence-activated cell sorter analysis of two distinct transcriptional elements within a single cell using engineered green fluorescent proteins** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Anderson, M. T., Tjioe, I. M., Lorincz, M. C., Parks, D. R., Herzenberg, L. A., Nolan, G. P., Herzenberg, L. A.
1996; 93 (16): 8508-8511
- **Activation-induced peripheral blood T cell apoptosis is fas independent in HIV-infected individuals** *INTERNATIONAL IMMUNOLOGY*
Katsikis, P. D., GarciaOjeda, M. E., Wunderlich, E. S., Smith, C. A., Yagita, H., Okumura, K., Kayagaki, N., Alderson, M., Herzenberg, L. A., Herzenberg, L. A.
1996; 8 (8): 1311-1317
- **Enzyme-generated intracellular fluorescence for single-cell reporter gene analysis utilizing Escherichia coli beta-glucuronidase** *CYTOMETRY*
Lorincz, M., Roederer, M., Diwu, Z., Herzenberg, L. A., Nolan, G. P.
1996; 24 (4): 321-329
- **Cy7PE and Cy7APC: Bright new probes for immunofluorescence** *CYTOMETRY*
Roederer, M., Kantor, A. B., Parks, D. R., Herzenberg, L. A.
1996; 24 (3): 191-197
- **Analysis of lipopolysaccharide-response genes in B-lineage cells demonstrates that they can have differentiation stage-restricted expression and contain SH2 domains** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Kerr, W. G., Heller, M., Herzenberg, L. A.
1996; 93 (9): 3947-3952
- **Elevation of plasma thioredoxin levels in HIV-infected individuals** *INTERNATIONAL IMMUNOLOGY*
Nakamura, H., DeRosa, S., Roederer, M., Anderson, M. T., Dubs, J. G., Yodoi, J., Holmgren, A., Herzenberg, L. A., Herzenberg, L. A.
1996; 8 (4): 603-611
- **Changes in antigen densities on leukocyte subsets correlate with progression of HIV disease** *INTERNATIONAL IMMUNOLOGY*
Roederer, M., Herzenberg, L. A., Herzenberg, L. A.
1996; 8 (1): 1-11
- **HETEROGENEOUS CALCIUM FLUX IN PERIPHERAL T-CELL SUBSETS REVEALED BY 5-COLOR FLOW-CYTOMETRY USING LOG-RATIO CIRCUITRY** *CYTOMETRY*
Roederer, M., Bigos, M., Nozaki, T., Stovel, R. T., Parks, D. R., Herzenberg, L. A.

- 1995; 21 (2): 187-196
- **DEFECTIVE B-CELL DEVELOPMENT AND FUNCTION IN BTK-DEFICIENT MICE** *IMMUNITY*
Khan, W. N., Alt, F. W., Gerstein, R. M., Malynn, B. A., Larsson, I., Rathbun, G., Davidson, L., Muller, S., Kantor, A. B., Herzenberg, L. A., Rosen, F. S., Sideras, P.
1995; 3 (3): 283-299
 - **ISOLATION OF MUTANT T-LYMPHOCYTES WITH DEFECTS IN CAPACITATIVE CALCIUM-ENTRY** *IMMUNITY*
SERAFINI, A. T., Lewis, R. S., Clipstone, N. A., Bram, R. J., Fanger, C., Fiering, S., Herzenberg, L. A., Crabtree, G. R.
1995; 3 (2): 239-250
 - **FAS ANTIGEN STIMULATION INDUCES MARKED APOPTOSIS OF T-LYMPHOCYTES IN HUMAN IMMUNODEFICIENCY VIRUS-INFECTED INDIVIDUALS** *JOURNAL OF EXPERIMENTAL MEDICINE*
Katsikis, P. D., Wunderlich, E. S., Smith, C. A., Herzenberg, L. A., Herzenberg, L. A.
1995; 181 (6): 2029-2036
 - **ALTERED REPRESENTATION OF NAIVE AND MEMORY CD8 T-CELL SUBSETS IN HIV-INFECTED CHILDREN** *JOURNAL OF CLINICAL INVESTIGATION*
Rabin, R. L., Roederer, M., Maldonado, Y., Petru, A., Herzenberg, L. A., Herzenberg, L. A.
1995; 95 (5): 2054-2060
 - **CD8 NAIVE T-CELL COUNTS DECREASE PROGRESSIVELY IN HIV-INFECTED ADULTS** *JOURNAL OF CLINICAL INVESTIGATION*
Roederer, M., Dubs, J. G., Anderson, M. T., Raju, P. A., Herzenberg, L. A., Herzenberg, L. A.
1995; 95 (5): 2061-2066
 - **Development of the antibody repertoire as revealed by single-cell PCR of FACS-sorted B-cell subsets** *Conference on Immunoglobulin Gene Expression in Development and Disease*
Kantor, A. B., Merrill, C. E., MacKenzie, J. D., Herzenberg, L. A., Hillson, J. L.
NEW YORK ACAD SCIENCES.1995: 224-227
 - **REDOX REGULATION OF ACTIVATION OF NF-KAPPA-B TRANSCRIPTION FACTOR COMPLEX - EFFECTS OF N-ACETYL-CYSTEINE** *BIOTHIOLS, PT B*
Staal, F. J., Anderson, M. T., Herzenberg, L. A.
1995; 252: 168-174
 - **HUMAN CD5+ B-LYMPHOCYTES (B-1 CELLS) DECREASE IN PERIPHERAL-BLOOD DURING PREGNANCY** *JOURNAL OF REPRODUCTIVE IMMUNOLOGY*
Bhat, N. M., Mithal, A., Bieber, M. M., Herzenberg, L. A., Teng, N. N.
1995; 28 (1): 53-60
 - **DE-NOVO DEVELOPMENT AND SELF-REPLENISHMENT OF B-CELLS** *INTERNATIONAL IMMUNOLOGY*
Kantor, A. B., STALL, A. M., Adams, S., Watanabe, K., Herzenberg, L. A.
1995; 7 (1): 55-68
 - **SEPARATION OF OXIDANT-INITIATED AND REDOX-REGULATED STEPS IN THE NF-KAPPA-B SIGNAL-TRANSDUCTION PATHWAY** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Anderson, M. T., Staal, F. J., Gitler, C., Herzenberg, L. A., Herzenberg, L. A.
1994; 91 (24): 11527-11531
 - **PATTERN SORTING - A COMPUTER-CONTROLLED MULTIDIMENSIONAL SORTING METHOD USING K-D TREES** *CYTOMETRY*
Bigos, M., Parks, D. R., Moore, W. A., Herzenberg, L. A., Herzenberg, L. A.
1994; 16 (4): 357-363
 - **GLUTATHIONE PRECURSOR AND ANTIOXIDANT ACTIVITIES OF N-ACETYL-CYSTEINE AND OXOTHIAZOLIDINE CARBOXYLATE COMPARED IN IN-VITRO STUDIES OF HIV REPLICATION** *AIDS RESEARCH AND HUMAN RETROVIRUSES*
Raju, P. A., Herzenberg, L. A., Herzenberg, L. A., Roederer, M.
1994; 10 (8): 961-967
 - **DNA METHYLATION PREVENTS THE AMPLIFICATION OF TROP1, A TUMOR-ASSOCIATED CELL-SURFACE ANTIGEN GENE** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Alberti, S., Nutini, M., Herzenberg, L. A.

1994; 91 (13): 5833-5837

- **CONTRIBUTION OF A SINGLE HEAVY-CHAIN RESIDUE TO SPECIFICITY OF AN ANTIDIGOXIN MONOCLONAL-ANTIBODY** *PROTEIN SCIENCE*
Schildbach, J. F., Shaw, S. Y., Bruccoleri, R. E., Haber, E., Herzenberg, L. A., Jager, G. C., Jeffrey, P. D., Panka, D. J., Parks, D. R., Near, R. I., Novotny, J., Sheriff, S., Margolies, et al
1994; 3 (5): 737-749
- **REDOX REGULATION OF SIGNAL-TRANSDUCTION - TYROSINE PHOSPHORYLATION AND CALCIUM INFLUX** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Staal, F. J., Anderson, M. T., Staal, G. E., Herzenberg, L. A., Gitler, C., Herzenberg, L. A.
1994; 91 (9): 3619-3622
- **BETA-GALACTOSIDASE ACTIVITY IN SINGLE DIFFERENTIATING BACTERIAL-CELLS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
RUSSOMARIE, F., Roederer, M., Sager, B., Herzenberg, L. A., Kaiser, D.
1993; 90 (17): 8194-8198
- **A HIGH-FREQUENCY OF HYBRIDOMAS FROM M54-MU HEAVY-CHAIN TRANSGENIC MICE INITIALLY COEXPRESS TRANSGENIC AND REARRANGED ENDOGENOUS MU GENES** *INTERNATIONAL IMMUNOLOGY*
Lam, K. P., Herzenberg, L. A., STALL, A. M.
1993; 5 (9): 1011-1022
- **ANTIOXIDANTS INHIBIT STIMULATION OF HIV TRANSCRIPTION** *AIDS RESEARCH AND HUMAN RETROVIRUSES*
Staal, F. J., Roederer, M., Raju, P. A., Anderson, M. T., Ela, S. W., Herzenberg, L. A., Herzenberg, L. A.
1993; 9 (4): 299-306
- **DISREGULATION OF LEUKOCYTE GLUTATHIONE IN AIDS** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
Roederer, M., Staal, F. J., Anderson, M., Rabin, R., Raju, P. A., Herzenberg, L. A., Herzenberg, L. A.
1993; 677: 113-125
- **N-ACETYLCYSTEINE - POTENTIAL FOR AIDS THERAPY** *PHARMACOLOGY*
Roederer, M., Staal, F. J., Ela, S. W., Herzenberg, L. A., Herzenberg, L. A.
1993; 46 (3): 121-129
- **B-CELL LINEAGES EXIST IN THE MOUSE** *IMMUNOLOGY TODAY*
Herzenberg, L. A., Kantor, A. B.
1993; 14 (2): 79-83
- **ORIGIN OF MURINE B-CELL LINEAGES** *ANNUAL REVIEW OF IMMUNOLOGY*
Kantor, A. B., Herzenberg, L. A.
1993; 11: 501-538
- **DISREGULATION OF LEUKOCYTE GLUTATHIONE IN AIDS** *CONF ON CLINICAL FLOW CYTOMETRY*
Roederer, M., Staal, F. J., Anderson, M., Rabin, R., Raju, P. A., Herzenberg, L. A., Herzenberg, L. A.
NEW YORK ACAD SCIENCES.1993: 113-125
- **GLUTATHIONE AND IMMUNOPHENOTYPES OF LYMPHOCYTES-T AND LYMPHOCYTES-B IN HIV-INFECTED INDIVIDUALS** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
Staal, F. J., Roederer, M., Herzenberg, L. A., Herzenberg, L. A.
1992; 651: 453-463
- **CHARACTERISTICS AND DEVELOPMENT OF THE MURINE B-1B (LY-1 B-SISTER) CELL-POPULATION** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
STALL, A. M., Adams, S., Herzenberg, L. A., Kantor, A. B.
1992; 651: 33-43
- **ADOPTIVE TRANSFER OF MURINE B-CELL LINEAGES** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
Kantor, A. B., STALL, A. M., Adams, S., Herzenberg, L. A., Herzenberg, L. A.
1992; 651: 168-169

- **LAYERED EVOLUTION IN THE IMMUNE-SYSTEM - A MODEL FOR THE ONTOGENY AND DEVELOPMENT OF MULTIPLE LYMPHOCYTE LINEAGES** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
Herzenberg, L. A., Kantor, A. B., Herzenberg, L. A.
1992; 651: 1-9
- **MOLECULAR-CLONING, RECONSTRUCTION AND EXPRESSION OF THE GENE ENCODING THE ALPHA-CHAIN OF THE BOVINE CD8 - DEFINITION OF 3 PEPTIDE REGIONS CONSERVED ACROSS SPECIES** *IMMUNOLOGY*
Lalor, P., Bucci, C., Fornaro, M., Rattazzi, M. C., Nakauchi, H., Herzenberg, L. A., Alberti, S.
1992; 76 (1): 95-102
- **DIFFERENTIAL DEVELOPMENT OF PROGENITOR ACTIVITY FOR 3 B-CELL LINEAGES** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Kantor, A. B., STALL, A. M., Adams, S., Herzenberg, L. A., Herzenberg, L. A.
1992; 89 (8): 3320-3324
- **GLUTATHIONE DEFICIENCY AND HUMAN-IMMUNODEFICIENCY-VIRUS INFECTION** *LANCET*
Staal, F. J., Ela, S. W., Roederer, M., Anderson, M. T., Herzenberg, L. A., Herzenberg, L. A.
1992; 339 (8798): 909-912
- **THE ONTOGENY AND FUNCTIONAL-CHARACTERISTICS OF HUMAN B-1 (CD5+B) CELLS** *INTERNATIONAL IMMUNOLOGY*
Bhat, N. M., Kantor, A. B., Bieber, M. M., STALL, A. M., Herzenberg, L. A., Teng, N. N.
1992; 4 (2): 243-252
- **INTRACELLULAR GLUTATHIONE LEVELS IN T-CELL SUBSETS DECREASE IN HIV-INFECTED INDIVIDUALS** *AIDS RESEARCH AND HUMAN RETROVIRUSES*
Staal, F. J., Roederer, M., Israelski, D. M., BUBP, J., Mole, L. A., McShane, D., Deresinski, S. C., Ross, W., Sussman, H., Raju, P. A., Anderson, M. T., Moore, W., Ela, et al
1992; 8 (2): 305-311
- **N-ACETYLCYSTEINE - A NEW APPROACH TO ANTI-HIV THERAPY** *AIDS RESEARCH AND HUMAN RETROVIRUSES*
Roederer, M., Ela, S. W., Staal, F. J., Herzenberg, L. A., Herzenberg, L. A.
1992; 8 (2): 209-217
- **CD20 expression is increased on B lymphocytes from HIV-infected individuals.** *Journal of acquired immune deficiency syndromes*
Staal, F. J., Roederer, M., BUBP, J., Mole, L. A., Anderson, M. T., Raju, P. A., Israelski, D. M., Deresinski, S. C., Moore, W. A., Herzenberg, L. A.
1992; 5 (6): 627-632
- **ADOPTIVE TRANSFER OF MURINE B-CELL LINEAGES** *CONF ON CD5 B-CELLS IN DEVELOPMENT AND DISEASE*
Kantor, A. B., STALL, A. M., Adams, S., Herzenberg, L. A., Herzenberg, L. A.
NEW YORK ACAD SCIENCES.1992: 168-169
- **GLUTATHIONE AND IMMUNOPHENOTYPES OF LYMPHOCYTES-T AND LYMPHOCYTES-B IN HIV-INFECTED INDIVIDUALS** *CONF ON CD5 B-CELLS IN DEVELOPMENT AND DISEASE*
Staal, F. J., Roederer, M., Herzenberg, L. A., Herzenberg, L. A.
NEW YORK ACAD SCIENCES.1992: 453-463
- **CHARACTERISTICS AND DEVELOPMENT OF THE MURINE B-1B (LY-1 B-SISTER) CELL-POPULATION** *CONF ON CD5 B-CELLS IN DEVELOPMENT AND DISEASE*
STALL, A. M., Adams, S., Herzenberg, L. A., Kantor, A. B.
NEW YORK ACAD SCIENCES.1992: 33-43
- **LAYERED EVOLUTION IN THE IMMUNE-SYSTEM - A MODEL FOR THE ONTOGENY AND DEVELOPMENT OF MULTIPLE LYMPHOCYTE LINEAGES** *CONF ON CD5 B-CELLS IN DEVELOPMENT AND DISEASE*
Herzenberg, L. A., Kantor, A. B., Herzenberg, L. A.
NEW YORK ACAD SCIENCES.1992: 1-9
- **THE INTERRELATIONSHIP OF TUMOR-NECROSIS-FACTOR, GLUTATHIONE, AND AIDS** *3RD INTERNATIONAL CONF ON TUMOR NECROSIS FACTOR AND RELATED CYTOKINES*
Roederer, M., Staal, F. J., Raju, P. A., Herzenberg, L. A., Herzenberg, L. A.
KARGER.1992: 215-229

- **HEPARIN ALTERS THE EXPRESSION OF DIFFERENT FORMS OF IMMUNOGLOBULIN-MU HEAVY-CHAINS AND THEIR ASSOCIATED PROTEINS BY PRE-B-CELL LINES AND NORMAL LY-1 (CD5+) B-CELLS** *INTERNATIONAL IMMUNOLOGY*
Chen, J. Z., Herzenberg, L. A., Herzenberg, L. A.
1991; 3 (11): 1117-1127
- **CD4 AND CD8 T-CELLS WITH HIGH INTRACELLULAR GLUTATHIONE LEVELS ARE SELECTIVELY LOST AS THE HIV-INFECTION PROGRESSES** *INTERNATIONAL IMMUNOLOGY*
Roederer, M., Staal, F. J., Osada, H., Herzenberg, L. A., Herzenberg, L. A.
1991; 3 (11): 1195-?
- **CD4 AND CD8 T-CELLS WITH HIGH INTRACELLULAR GLUTATHIONE LEVELS ARE SELECTIVELY LOST AS THE HIV-INFECTION PROGRESSES** *INTERNATIONAL IMMUNOLOGY*
Roederer, M., Staal, F. J., Osada, H., Herzenberg, L. A., Herzenberg, L. A.
1991; 3 (9): 933-937
- **N-ACETYLCYSTEINE INHIBITS LATENT HIV EXPRESSION IN CHRONICALLY INFECTED-CELLS** *AIDS RESEARCH AND HUMAN RETROVIRUSES*
Roederer, M., Raju, P. A., Staal, F. J., Herzenberg, L. A., Herzenberg, L. A.
1991; 7 (6): 563-567
- **ALTERED HAPTEN RECOGNITION BY 2 ANTIDIGOXIN HYBRIDOMA VARIANTS DUE TO VARIABLE REGION POINT MUTATIONS** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Schildbach, J. F., Panka, D. J., Parks, D. R., Jager, G. C., Novotny, J., Herzenberg, L. A., MUDGETTHUNTER, M., Bruccoleri, R. E., Haber, E., Margolies, M. N.
1991; 266 (7): 4640-4647
- **WHOLE ANIMAL-CELL SORTING OF DROSOPHILA EMBRYOS** *SCIENCE*
Krasnow, M. A., Cumberledge, S., Manning, G., Herzenberg, L. A., Nolan, G. P.
1991; 251 (4989): 81-85
- **IMPROVED FACS-GAL - FLOW CYTOMETRIC ANALYSIS AND SORTING OF VIABLE EUKARYOTIC CELLS EXPRESSING REPORTER GENE CONSTRUCTS** *CYTOMETRY*
Fiering, S. N., Roederer, M., Nolan, G. P., Micklem, D. R., Parks, D. R., Herzenberg, L. A.
1991; 12 (4): 291-301
- **Use of Escherichiu coli (E. coli) lacZ (β-Galactosidase) as a Reporter Gene.** *Methods in molecular biology (Clifton, N.J.)*
Macgregor, G. R., Nolan, G. P., Fiering, S., Roederer, M., Herzenberg, L. A.
1991; 7: 217-235
- **INSITU DETECTION OF STAGE-SPECIFIC GENES AND ENHANCERS IN B-CELL DIFFERENTIATION VIA GENE-SEARCH RETROVIRUSES** *3RD INTERNATIONAL CONF ON LYMPHOCYTE ACTIVATION IMMUNE REGULATION*
Kerr, W. G., Nolan, G. P., JOHNSEN, J. B., Herzenberg, L. A.
PLENUM PRESS DIV PLENUM PUBLISHING CORP.1991: 187-200
- **INTRACELLULAR THIOLS REGULATE ACTIVATION OF NUCLEAR FACTOR KAPPA-B AND TRANSCRIPTION OF HUMAN-IMMUNODEFICIENCY-VIRUS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Staal, F. J., Roederer, M., Herzenberg, L. A., Herzenberg, L. A.
1990; 87 (24): 9943-9947
- **2 DISTINCT SIGNAL TRANSMISSION PATHWAYS IN LYMPHOCYTES-T ARE INHIBITED BY COMPLEXES FORMED BETWEEN AN IMMUNOPHILIN AND EITHER FK506 OR RAPAMYCIN** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Bierer, B. E., Mattila, P. S., Standaert, R. F., Herzenberg, L. A., Burakoff, S. J., Crabtree, G., Schreiber, S. L.
1990; 87 (23): 9231-9235
- **THE ACTIONS OF CYCLOSPORINE-A AND FK506 SUGGEST A NOVEL STEP IN THE ACTIVATION OF LYMPHOCYTES-T** *EMBO JOURNAL*
Mattila, P. S., Ullman, K. S., Fiering, S., EMMEL, E. A., McCutcheon, M., Crabtree, G. R., Herzenberg, L. A.
1990; 9 (13): 4425-4433
- **SINGLE CELL ASSAY OF A TRANSCRIPTION FACTOR REVEALS A THRESHOLD IN TRANSCRIPTION ACTIVATED BY SIGNALS EMANATING FROM THE T-CELL ANTIGEN RECEPTOR** *GENES & DEVELOPMENT*
Fiering, S., Northrop, J. P., Nolan, G. P., Mattila, P. S., Crabtree, G. R., Herzenberg, L. A.

1990; 4 (10): 1823-1834

- **THE RAT B-CELL SYSTEM - THE ANATOMICAL LOCALIZATION OF FLOW CYTOMETRY-DEFINED B-CELL SUBPOPULATIONS** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Kroese, F. G., BUTCHER, E. C., Lalor, P. A., STALL, A. M., Herzenberg, L. A.
1990; 20 (7): 1527-1534
- **SURFACE-IMMUNOGLOBULIN LIGANDS AND CYTOKINES DIFFERENTIALLY AFFECT PROLIFERATION AND ANTIBODY-PRODUCTION BY HUMAN CD5+ AND CD5- LYMPHOCYTES-B** *INTERNATIONAL IMMUNOLOGY*
Nawata, Y., STALL, A. M., Herzenberg, L. A., Eugui, E. M., Allison, A. C.
1990; 2 (7): 603-614
- **DIFFERENCES IN GLYCOPROTEIN COMPLEXES ASSOCIATED WITH IGM AND IGD ON NORMAL MURINE B-CELLS POTENTIALLY ENABLE TRANSDUCTION OF DIFFERENT SIGNALS** *EMBO JOURNAL*
Chen, J. Z., STALL, A. M., Herzenberg, L. A., Herzenberg, L. A.
1990; 9 (7): 2117-2124
- **HEPARIN INHIBITS ECORI ENDONUCLEASE CLEAVAGE OF DNA AT CERTAIN ECORI SITES** *NUCLEIC ACIDS RESEARCH*
Chen, J. Z., Herzenberg, L. A., Herzenberg, L. A.
1990; 18 (11): 3255-3260
- **CYTOKINE-STIMULATED HUMAN-IMMUNODEFICIENCY-VIRUS REPLICATION IS INHIBITED BY N-ACETYL-L-CYSTEINE** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Roederer, M., Staal, F. J., Raju, P. A., Ela, S. W., Herzenberg, L. A., Herzenberg, L. A.
1990; 87 (12): 4884-4888
- **LY-1 B-CELLS AND DISEASE-ACTIVITY IN (NEW-ZEALAND BLACK X NEW-ZEALAND WHITE) F1-MICE - EFFECT OF TOTAL LYMPHOID IRRADIATION** *ARTHRITIS AND RHEUMATISM*
Farinas, M. C., STALL, A. M., SOLOVERA, J. J., Tarlinton, D. M., Herzenberg, L. A., Strober, S.
1990; 33 (4): 553-562
- **A NOVEL FLUORESCENCE-BASED SYSTEM FOR ASSAYING AND SEPARATING LIVE CELLS ACCORDING TO VDJ RECOMBINASE ACTIVITY** *MOLECULAR AND CELLULAR BIOLOGY*
Yancopoulos, G. D., Nolan, G. P., Pollock, R., Prockop, S., LI, S. C., Herzenberg, L. A., Alt, F. W.
1990; 10 (4): 1697-1704
- **ZIDOVUDINE (AZIDO DIDEOXYTHYMIDINE) INHIBITS CHARACTERISTIC EARLY ALTERATIONS OF LYMPHOID-CELL POPULATIONS IN RETROVIRUS-INDUCED MURINE AIDS** *JOURNAL OF IMMUNOLOGY*
Portnoi, D., STALL, A. M., Schwartz, D., Merigan, T. C., Herzenberg, L. A., BASHAM, T.
1990; 144 (5): 1705-1710
- **TOWARD A LAYERED IMMUNE-SYSTEM** *CELL*
Herzenberg, L. A., Herzenberg, L. A.
1989; 59 (6): 953-954
- **ARE LY-1 B-CELLS IMPORTANT IN AUTOIMMUNE-DISEASE** *JOURNAL OF AUTOIMMUNITY*
Herzenberg, L. A., Lalor, P. A., STALL, A. M.
1989; 2: 225-231
- **PERMANENT ALTERATION OF THE MURINE LY-1-B REPERTOIRE DUE TO SELECTIVE DEPLETION OF LY-1-B CELLS IN NEONATAL ANIMALS** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Lalor, P. A., STALL, A. M., Adams, S., Herzenberg, L. A.
1989; 19 (3): 501-506
- **FEEDBACK-REGULATION OF MURINE LY-1-B CELL-DEVELOPMENT** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Lalor, P. A., Herzenberg, L. A., Adams, S., STALL, A. M.
1989; 19 (3): 507-513
- **INSITU DETECTION OF TRANSCRIPTIONALLY ACTIVE CHROMATIN AND GENETIC REGULATORY ELEMENTS IN INDIVIDUAL VIABLE MAMMALIAN-CELLS** *IMMUNOLOGY*
Kerr, W. G., Nolan, G. P., Herzenberg, L. A.

1989; 74-79

- **Many of the IgA producing plasma cells in murine gut are derived from self-replenishing precursors in the peritoneal cavity** *INTERNATIONAL IMMUNOLOGY*
Kroese, F. G., Butcher, E. C., Stall, A. M., Lalor, P. A., Adams, S., Herzenberg, L. A.
1989; 1 (1): 75-84
- **TRANSCRIPTIONALLY DEFECTIVE RETROVIRUSES CONTAINING LACZ FOR THE INSITU DETECTION OF ENDOGENOUS GENES AND DEVELOPMENTALLY REGULATED CHROMATIN** *COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY*
Kerr, W. G., Nolan, G. P., SERAFINI, A. T., Herzenberg, L. A.
1989; 54: 767-776
- **CONVENTIONAL AND LY-1 B-CELL LINEAGES IN NORMAL AND MU TRANSGENIC MICE** *COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY*
Herzenberg, L. A., STALL, A. M.
1989; 54: 219-225
- **Many of the IgA producing plasma cells in murine gut are derived from self-replenishing precursors in the peritoneal cavity.** *International immunology*
Kroese, F. G., BUTCHER, E. C., STALL, A. M., Lalor, P. A., Adams, S., Herzenberg, L. A.
1989; 1 (1): 75-84
- **A MAJOR PERITONEAL RESERVOIR OF PRECURSORS FOR INTESTINAL IGA PLASMA-CELLS** *IMMUNOLOGICAL INVESTIGATIONS*
Kroese, F. G., BUTCHER, E. C., STALL, A. M., Herzenberg, L. A.
1989; 18 (1-4): 47-58
- **MURINE SUPPRESSOR T-CELLS - MIRAGE OR CLOUDY REALITY** *RESEARCH IN IMMUNOLOGY*
Herzenberg, L. A.
1989; 140 (3): 337-338
- **REPETITIVE USAGE OF IMMUNOGLOBULIN VH-GENE AND D-GENE SEGMENTS IN CD5+LY-1B CLONES OF (NZB X NZW)F1 MICE** *EMBO JOURNAL*
Tarlinton, D., STALL, A. M., Herzenberg, L. A.
1988; 7 (12): 3705-3710
- **LY-6C IS A MONOCYTE MACROPHAGE AND ENDOTHELIAL-CELL DIFFERENTIATION ANTIGEN REGULATED BY INTERFERON-GAMMA** *EUROPEAN JOURNAL OF IMMUNOLOGY*
JUTILA, M. A., Kroese, F. G., Jutila, K. L., STALL, A. M., Fiering, S., Herzenberg, L. A., BERG, E. L., BUTCHER, E. C.
1988; 18 (11): 1819-1826
- **DNA METHYLATION PREVENTS TRANSFECTION OF GENES FOR SPECIFIC SURFACE-ANTIGENS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Alberti, S., Herzenberg, L. A.
1988; 85 (22): 8391-8394
- **LY-1 B-CELL CLONES SIMILAR TO HUMAN CHRONIC LYMPHOCYTIC LEUKEMIAS ROUTINELY DEVELOP IN OLDER NORMAL MICE AND YOUNG AUTOIMMUNE (NEW ZEALAND BLACK-RELATED) ANIMALS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
STALL, A. M., Farinas, M. C., Tarlinton, D. M., Lalor, P. A., Herzenberg, L. A., Strober, S., Herzenberg, L. A.
1988; 85 (19): 7312-7316
- **SEGMENTAL FLEXIBILITY AND COMPLEMENT-FIXATION OF GENETICALLY ENGINEERED CHIMERIC HUMAN, RABBIT AND MOUSE ANTIBODIES** *EMBO JOURNAL*
Dangl, J. L., Wensel, T. G., Morrison, S. L., Stryer, L., Herzenberg, L. A., Oi, V. T.
1988; 7 (7): 1989-1994
- **REARRANGEMENT AND EXPRESSION OF ENDOGENOUS IMMUNOGLOBULIN GENES OCCUR IN MANY MURINE B-CELLS EXPRESSING TRANSGENIC MEMBRANE IGM** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
STALL, A. M., Kroese, F. G., GADUS, F. T., Sieckmann, D. G., Herzenberg, L. A., Herzenberg, L. A.
1988; 85 (10): 3546-3550
- **VARIABLE REGION FRAMEWORK DIFFERENCES RESULT IN DECREASED OR INCREASED AFFINITY OF VARIANT ANTI-DIGOXIN ANTIBODIES** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

- Panka, D. J., MUDGETTHUNTER, M., Parks, D. R., Peterson, L. L., Herzenberg, L. A., Haber, E., Margolies, M. N.
1988; 85 (9): 3080-3084
- **FLUORESCENCE-ACTIVATED CELL ANALYSIS AND SORTING OF VIABLE MAMMALIAN-CELLS BASED ON BETA-D-GALACTOSIDASE ACTIVITY AFTER TRANSDUCTION OF ESCHERICHIA-COLI LACZ** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Nolan, G. P., Fiering, S., Nicolas, J. F., Herzenberg, L. A.
1988; 85 (8): 2603-2607
 - **TRANSFECTION OF GENES ENCODING LYMPHOCYTE DIFFERENTIATION ANTIGENS - APPLICATIONS IN VETERINARY IMMUNOLOGY** *VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY*
Lalor, P. A., Herzenberg, L. A.
1987; 17 (1-4): 291-302
 - **IMPORTANCE OF IMMUNOGLOBULIN ISOTYPE IN THERAPY OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS WITH MONOCLONAL ANTI-CD4 ANTIBODY** *JOURNAL OF IMMUNOLOGY*
Waldor, M. K., Mitchell, D., Kipps, T. J., Herzenberg, L. A., Steinman, L.
1987; 139 (11): 3660-3664
 - **DEPLETION OF THE PREDOMINANT B-CELL POPULATION IN IMMUNOGLOBULIN-MU HEAVY-CHAIN TRANSGENIC MICE** *NATURE*
Herzenberg, L. A., STALL, A. M., Braun, J., Weaver, D., Baltimore, D., Herzenberg, L. A., Grosschedl, R.
1987; 329 (6134): 71-73
 - **ISOLATION AND CHARACTERIZATION OF THE GENE FOR THE MURINE T-CELL DIFFERENTIATION ANTIGEN AND IMMUNOGLOBULIN-RELATED MOLECULE, LYT-2** *NUCLEIC ACIDS RESEARCH*
Nakauchi, H., Tagawa, M., Nolan, G. P., Herzenberg, L. A.
1987; 15 (10): 4337-4347
 - **INTERLEUKIN-1 MODULATES MESSENGER-RNA LEVELS OF LYMPHOKINES AND OF OTHER MOLECULES ASSOCIATED WITH T-CELL ACTIVATION IN THE T-CELL LYMPHOMA LBRM33-1A5** *JOURNAL OF IMMUNOLOGY*
Hagiwara, H., Huang, H. J., Arai, N., Herzenberg, L. A., Arai, K., Zlotnik, A.
1987; 138 (8): 2514-2519
 - **A SINGLE LASER METHOD FOR SUBTRACTION OF CELL AUTOFLUORESCENCE IN FLOW-CYTOMETRY** *CYTOMETRY*
Alberti, S., Parks, D. R., Herzenberg, L. A.
1987; 8 (2): 114-119
 - **GENE-TRANSFER AND MOLECULAR-CLONING OF THE RAT NERVE GROWTH-FACTOR RECEPTOR** *NATURE*
Radeke, M. J., Misko, T. P., Hsu, C., Herzenberg, L. A., Shooter, E. M.
1987; 325 (6105): 593-597
 - **MOLECULAR-CLONING OF LY-1, A MEMBRANE GLYCOPROTEIN OF MOUSE LYMPHOCYTES-T AND A SUBSET OF B-CELLS - MOLECULAR HOMOLOGY TO ITS HUMAN COUNTERPART LEU-1/T1 (CD5)** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Huang, H. J., Jones, N. H., STROMINGER, J. L., Herzenberg, L. A.
1987; 84 (1): 204-208
 - **AN RFLP ASSOCIATED WITH PCDLEU2-14, A HUMAN T-CELL DIFFERENTIATION ANTIGEN CD8 (LEU2) CDNA MAPPED TO 2P12** *NUCLEIC ACIDS RESEARCH*
Bowcock, A. M., Kavathas, P., Margolskee, R. F., Herzenberg, L., CAVALLISFORZA, L. L.
1986; 14 (19): 7817-7817
 - **ISOLATION OF COMPLEMENTARY-DNA CLONES ENCODING THE HUMAN-LYMPHOCYTE GLYCOPROTEIN-T1 LEU-1** *NATURE*
Jones, N. H., Clabby, M. L., Dialynas, D. P., Huang, H. J., Herzenberg, L. A., STROMINGER, J. L.
1986; 323 (6086): 346-349
 - **RECOMBINATION BETWEEN AN EXPRESSED IMMUNOGLOBULIN HEAVY-CHAIN GENE AND A GERMLINE VARIABLE GENE SEGMENT IN A LY-1+ B-CELL LYMPHOMA** *NATURE*
KLEINFELD, R., Hardy, R. R., Tarlinton, D., Dangl, J., Herzenberg, L. A., Weigert, M.
1986; 322 (6082): 843-846

- **THERAPY OF AUTOIMMUNE-DISEASES WITH ANTIBODY TO IMMUNE-RESPONSE GENE-PRODUCTS OR TO T-CELL SURFACE-MARKERS** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
Steinman, L., Waldor, M. K., Zamvil, S. S., Lim, M., Herzenberg, L., Herzenberg, L., McDevitt, H. O., Mitchell, D., Sriram, S.
1986; 475: 274-284
- **LY-1 B-CELLS AND AUTOANTIBODIES** *ANNALES DE L INSTITUT PASTEUR-IMMUNOLOGY*
STALL, A. M., Lalor, P. A., Herzenberg, L. A., Herzenberg, L. A.
1986; D137 (1): 173-176
- **PRODUCTION OF IMMUNOGLOBULIN ISOTYPES BY LY-1+ B-CELLS IN VIABLE MOTH-EATEN AND NORMAL MICE** *SCIENCE*
Sidman, C. L., Shultz, L. D., Hardy, R. R., Hayakawa, K., Herzenberg, L. A.
1986; 232 (4756): 1423-1425
- **FORMAL PROOF THAT DIFFERENT-SIZE LYT-2 POLYPEPTIDES ARISE FROM DIFFERENTIAL SPLICING AND POSTTRANSCRIPTIONAL REGULATION** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Tagawa, M., Nakauchi, H., Herzenberg, L. A., Nolan, G. P.
1986; 83 (10): 3422-3426
- **PERITONEAL LY-1 B-CELLS - GENETIC-CONTROL, AUTOANTIBODY PRODUCTION, INCREASED LAMBDA LIGHT CHAIN EXPRESSION** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Hayakawa, K., Hardy, R. R., Herzenberg, L. A.
1986; 16 (4): 450-456
- **FREQUENT LAMBDA-LIGHT CHAIN GENE REARRANGEMENT AND EXPRESSION IN A LY-1 B-LYMPHOMA WITH A PRODUCTIVE KAPPA-CHAIN ALLELE** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Hardy, R. R., Dangl, J. L., Hayakawa, K., Jager, G., Herzenberg, L. A., Herzenberg, L. A.
1986; 83 (5): 1438-1442
- **HOMOLOGOUS CHROMOSOME RECOMBINATION GENERATING IMMUNOGLOBULIN ALLOTYPE AND ISOTYPE SWITCH VARIANTS** *EMBO JOURNAL*
Kipps, T. J., Herzenberg, L. A.
1986; 5 (2): 263-268
- **FURTHER-STUDIES ON THE EPITOPES OF HLA-B7 DEFINED BY MURINE MONOCLONAL-ANTIBODIES** *HUMAN IMMUNOLOGY*
Parham, P., Antonelli, P., Herzenberg, L. A., Kipps, T. J., Fuller, A., Ward, F. E.
1986; 15 (1): 44-67
- **THE LY-1 B-CELL LINEAGE** *IMMUNOLOGICAL REVIEWS*
Herzenberg, L. A., STALL, A. M., Lalor, P. A., Sidman, C., Moore, W. A., Parks, D. R., Herzenberg, L. A.
1986; 93: 81-102
- **REVERSAL OF EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS WITH MONOCLONAL-ANTIBODY TO A T-CELL SUBSET MARKER** *SCIENCE*
Waldor, M. K., Sriram, S., Hardy, R., Herzenberg, L. A., Herzenberg, L. A., Lanier, L., Lim, M., Steinman, L.
1985; 227 (4685): 415-417
- **THE HUMAN T-CELL ANTIGEN LEU-2 (T8) IS ENCODED ON CHROMOSOME-2** *HUMAN GENETICS*
Bruns, G., Kavathas, P., Shiloh, Y., Sakai, K., Schwaber, J., LATT, S. A., Herzenberg, L. A.
1985; 70 (4): 311-314
- **PROGENITORS FOR LY-1 B-CELLS ARE DISTINCT FROM PROGENITORS FOR OTHER B-CELLS** *JOURNAL OF EXPERIMENTAL MEDICINE*
Hayakawa, K., Hardy, R. R., Herzenberg, L. A., Herzenberg, L. A.
1985; 161 (6): 1554-1568
- **IMPORTANCE OF IMMUNOGLOBULIN ISOTYPE IN HUMAN ANTIBODY-DEPENDENT, CELL-MEDIATED CYTO-TOXICITY DIRECTED BY MURINE MONOCLONAL-ANTIBODIES** *JOURNAL OF EXPERIMENTAL MEDICINE*
Kipps, T. J., Parham, P., Punt, J., Herzenberg, L. A.
1985; 161 (1): 1-17

- **MOLECULAR-CLONING OF LYT-2, A MEMBRANE GLYCOPROTEIN MARKING A SUBSET OF MOUSE LYMPHOCYTES-T - MOLECULAR HOMOLOGY TO ITS HUMAN COUNTERPART, LEU-2/T8, AND TO IMMUNOGLOBULIN VARIABLE REGIONS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Nakauchi, H., Nolan, G. P., Hsu, C., Huang, H. S., Kavathas, P., Herzenberg, L. A.
1985; 82 (15): 5126-5130
- **ASSIGNMENT OF GENE FOR HUMAN CELL-SURFACE MEMBRANE ANTIGEN TROP-4 TO CHROMOSOME-11** *SOMATIC CELL AND MOLECULAR GENETICS*
SUOMALAINEN, H. A., Herzenberg, L. A., GAHMBERG, C. G., Sussman, H. H., Schroder, J.
1985; 11 (3): 257-265
- **CORRELATION BETWEEN SEGMENTAL FLEXIBILITY AND EFFECTOR FUNCTION OF ANTIBODIES** *NATURE*
Oi, V. T., Vuong, T. M., Hardy, R., REIDLER, J., Dangl, J., Herzenberg, L. A., Stryer, L.
1984; 307 (5947): 136-140
- **LIMITATION OF DIFFERENTIAL EXPRESSION OF HLA-A,B,C ANTIGENS ON CHORIOCARCINOMA CELL-LINES BY MESSENGER-RNA FOR HLA HEAVY-CHAIN BUT NOT BY BETA-2-MICROGLOBULIN** *CANCER RESEARCH*
Kawata, M., Sizer, K., Sekiya, S., Parnes, J. R., Herzenberg, L. A.
1984; 44 (9): 4011-4016
- **TRANSCRIPTIONAL CONTROL OF HLA-A,B,C ANTIGEN IN HUMAN PLACENTAL CYTOTROPHOBLAST ISOLATED USING TROPHOBLAST-SPECIFIC AND HLA-SPECIFIC MONOCLONAL-ANTIBODIES AND THE FLUORESCENCE-ACTIVATED CELL SORTER** *JOURNAL OF EXPERIMENTAL MEDICINE*
Kawata, M., Parnes, J. R., Herzenberg, L. A.
1984; 160 (3): 633-651
- **ISOLATION OF THE GENE ENCODING THE HUMAN LYMPHOCYTE-T DIFFERENTIATION ANTIGEN LEU-2 (T8) BY GENE-TRANSFER AND CDNA SUBTRACTION** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA-BIOLOGICAL SCIENCES*
Kavathas, P., SUKHATME, V. P., Herzenberg, L. A., Parnes, J. R.
1984; 81 (24): 7688-7692
- **CELL-SURFACE ANTIGENS EXPRESSED ON L-CELLS TRANSFECTED WITH WHOLE DNA FROM NON-EXPRESSING AND EXPRESSING CELLS** *NATURE*
Hsu, C., Kavathas, P., Herzenberg, L. A.
1984; 312 (5989): 68-69
- **EPITOPE-SPECIFIC REGULATION .4. INVITRO STUDIES WITH SUPPRESSOR T-CELLS INDUCED BY CARRIER HAPTEN-CARRIER IMMUNIZATION** *CELLULAR IMMUNOLOGY*
Tagawa, M., Tokuhisa, T., Ono, K., Taniguchi, M., Herzenberg, L. A., Herzenberg, L. A.
1984; 86 (2): 327-336
- **LY-1 B-CELLS - FUNCTIONALLY DISTINCT LYMPHOCYTES THAT SECRETE IGM AUTOANTIBODIES** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA-BIOLOGICAL SCIENCES*
Hayakawa, K., Hardy, R. R., Honda, M., Herzenberg, L. A., STEINBERG, A. D., Herzenberg, L. A.
1984; 81 (8): 2494-2498
- **LY-1 AS A DIFFERENTIATION ANTIGEN ON NORMAL AND NEOPLASTIC-B CELLS** *CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY*
Hardy, R. R., Hayakawa, K., Herzenberg, L. A., Morse, H. C., Davidson, W. F., Herzenberg, L. A.
1984; 113: 231-236
- **FLUORESCENCE-ACTIVATED CELL SORTING - THEORY, EXPERIMENTAL OPTIMIZATION, AND APPLICATIONS IN LYMPHOID-CELL BIOLOGY** *METHODS IN ENZYMOLOGY*
Parks, D. R., Herzenberg, L. A.
1984; 108: 197-241
- **MURINE B-CELL DIFFERENTIATION LINEAGES** *JOURNAL OF EXPERIMENTAL MEDICINE*
Hardy, R. R., Hayakawa, K., Parks, D. R., Herzenberg, L. A., Herzenberg, L. A.
1984; 159 (4): 1169-1188

- **DETECTION OF FETAL ERYTHROCYTES IN MATERNAL BLOOD POST PARTUM WITH THE FLUORESCENCE-ACTIVATED CELL SORTER** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
Medearis, A. L., Hensleigh, P. A., Parks, D. R., Herzenberg, L. A.
1984; 148 (3): 290-295
- **3-COLOR IMMUNOFLUORESCENCE ANALYSIS OF MOUSE B-LYMPHOCYTE SUBPOPULATIONS** *CYTOMETRY*
Parks, D. R., Hardy, R. R., Herzenberg, L. A.
1984; 5 (2): 159-168
- **TRANSFECTION AND CLONING OF GENES FOR MEMBRANE-ANTIGENS USING THE FACS** *MEDICAL ONCOLOGY AND TUMOR PHARMACOTHERAPY*
Herzenberg, L. A., Hsu, C., Alberti, S., Kavathas, P.
1984; 1 (4): 219-224
- **CHIMERIC HUMAN-ANTIBODY MOLECULES - MOUSE ANTIGEN-BINDING DOMAINS WITH HUMAN CONSTANT REGION DOMAINS** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA-BIOLOGICAL SCIENCES*
Morrison, S. L., Johnson, M. J., Herzenberg, L. A., Oi, V. T.
1984; 81 (21): 6851-6855
- **EPITOPE-SPECIFIC REGULATION** *ANNUAL REVIEW OF IMMUNOLOGY*
Herzenberg, L. A., Tokuhisa, T., Hayakawa, K.
1983; 1: 609-632
- **HUMAN-IMMUNOGLOBULIN ALLOTYPES - PREVIOUSLY UNRECOGNIZED DETERMINANTS AND ALLELES DEFINED WITH MONOCLONAL-ANTIBODIES** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA-BIOLOGICAL SCIENCES*
ZELASCHI, D., Newby, C., Parsons, M., VanWest, B., CAVALLISFORZA, L. L., Herzenberg, L. A., Herzenberg, L. A.
1983; 80 (12): 3762-3766
- **AMPLIFICATION OF A GENE CODING FOR HUMAN T-CELL DIFFERENTIATION ANTIGEN** *NATURE*
Kavathas, P., Herzenberg, L. A.
1983; 306 (5941): 385-387
- **TRANSIENT IMMUNOLOGICAL EFFECTS OF BETAMETHASONE IN HUMAN-PREGNANCY AFTER SUPPRESSION OF PRETERM LABOR** *AMERICAN JOURNAL OF REPRODUCTIVE IMMUNOLOGY*
Hensleigh, P. A., Herzenberg, L. A., LIPMAN, S. H., MALVEHY, R. M., Medearis, A. L., Moore, M. H., SUTHERLAND, K. K., WATERS, V. B.
1983; 4 (2): 83-87
- **FLUORESCENCE-ACTIVATED CELL SORTING OF MOUSE-HUMAN HYBRID-CELLS AIDS IN LOCATING THE GENE FOR THE LEU-7 (HNK-1) ANTIGEN TO HUMAN CHROMOSOME-11** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA-BIOLOGICAL SCIENCES*
Schroder, J., NIKINMAA, B., Kavathas, P., Herzenberg, L. A.
1983; 80 (11): 3421-3424
- **LYMPHOCYTE SUBSETS IN SJOGRENS SYNDROME - A QUANTITATIVE-ANALYSIS USING MONOCLONAL-ANTIBODIES AND THE FLUORESCENCE-ACTIVATED CELL SORTER** *JOURNAL OF CLINICAL & LABORATORY IMMUNOLOGY*
Bakhshi, A., Miyasaka, N., Kavathas, P., Daniels, T. E., Strand, C. V., Herzenberg, L. A., Talal, N.
1983; 10 (2): 63-69
- **HUMAN LYMPHOCYTE-T DIFFERENTIATION ANTIGENS - EFFECTS OF BLOOD-SAMPLE STORAGE ON LEU ANTIBODY-BINDING** *CYTOMETRY*
Hensleigh, P. A., WATERS, V. B., Herzenberg, L. A.
1983; 3 (6): 453-455
- **STABLE TRANSFORMATION OF MOUSE L-CELLS FOR HUMAN MEMBRANE T-CELL DIFFERENTIATION ANTIGENS, HLA AND BETA-2-MICROGLOBULIN - SELECTION BY FLUORESCENCE-ACTIVATED CELL SORTING** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA-BIOLOGICAL SCIENCES*
Kavathas, P., Herzenberg, L. A.
1983; 80 (2): 524-528
- **SELECTION OF HYBRIDOMAS AND HYBRIDOMA VARIANTS USING THE FLUORESCENCE ACTIVATED CELL SORTER** *JOURNAL OF IMMUNOLOGICAL METHODS*

- Dangl, J. L., Herzenberg, L. A.
1982; 52 (1): 1-14
- **ANALYSIS OF LY-6.2-BEARING MURINE LYMPHOCYTE SUB-POPULATIONS IN RELATION TO THE LYMPHOCYTE-T MARKERS, THY-1, LYT-1, AND LYT-2** *CELLULAR IMMUNOLOGY*
MATOSSIANROGERS, A., Rogers, P., Herzenberg, L. A.
1982; 69 (1): 91-100
 - **MOLECULAR-WEIGHT DETERMINATION OF 2 GENETICALLY LINKED CELL-SURFACE MURINE ANTIGENS - THB AND LY-6** *IMMUNOGENETICS*
MATOSSIANROGERS, A., Rogers, P., LEDBETTER, J. A., Herzenberg, L. A.
1982; 15 (6): 591-599
 - **NEW IMMUNOGLOBULIN IGG ALLOTYPES AND HAPLOTYPES FOUND IN WILD MICE WITH MONOCLONAL ANTI-ALLOTOPE ANTIBODIES** *JOURNAL OF IMMUNOLOGY*
Huang, C. M., Parsons, M., Wakeland, E. K., Moriwaki, K., Herzenberg, L. A.
1982; 128 (2): 661-667
 - **EPITOPE-SPECIFIC REGULATION .1. CARRIER-SPECIFIC INDUCTION OF SUPPRESSION FOR IGG ANTIHAPTEN ANTIBODY-RESPONSES** *JOURNAL OF EXPERIMENTAL MEDICINE*
Herzenberg, L. A., Tokuhisa, T.
1982; 155 (6): 1730-1740
 - **LACK OF IMMUNE-RESPONSE GENE-CONTROL FOR INDUCTION OF EPITOPE-SPECIFIC SUPPRESSION BY TGAL ANTIGEN** *NATURE*
Herzenberg, L. A., Tokuhisa, T., Hayakawa, K., Herzenberg, L. A.
1982; 295 (5847): 329-331
 - **EPITOPE-SPECIFIC REGULATION .3. INDUCTION OF ALLOTYPE-RESTRICTED SUPPRESSION FOR IGG ANTIBODY-RESPONSES TO INDIVIDUAL EPITOPES ON COMPLEX ANTIGENS** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Herzenberg, L. A., Tokuhisa, T., Herzenberg, L. A.
1982; 12 (10): 814-818
 - **B-CELL SUB-POPULATIONS IDENTIFIED BY 2-COLOR FLUORESCENCE ANALYSIS** *NATURE*
Hardy, R. R., Hayakawa, K., Haaijman, J., Herzenberg, L. A.
1982; 297 (5867): 589-591
 - **B-CELL SUBPOPULATIONS IDENTIFIABLE BY 2-COLOR FLUORESCENCE ANALYSIS USING A DUAL-LASER FACS** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
Hardy, R. R., Hayakawa, K., Haaijman, J., Herzenberg, L. A.
1982; 399 (DEC): 112-121
 - **RAPID ISOLATION OF CLONED ISOTYPE SWITCH VARIANTS USING FLUORESCENCE ACTIVATED CELL SORTING** *CYTOMETRY*
Dangl, J. L., Parks, D. R., Oi, V. T., Herzenberg, L. A.
1982; 2 (6): 395-401
 - **PRIMARY AND SECONDARY INSITU ANTIBODY-RESPONSE - ABNORMAL AFFINITY MATURATION PATTERN IN MICE CARRYING THE XID GENE** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Huber, B. T., Tokuhisa, T., Herzenberg, L. A.
1981; 11 (5): 353-357
 - **HYBRIDOMS AND THEIR APPLICATIONS** *RECHERCHE*
Lipinski, M., Herzenberg, L.
1981; 12 (125): 952-961
 - **EVOLUTIONARY CONSERVATION OF SURFACE MOLECULES THAT DISTINGUISH LYMPHOCYTE-T HELPER-INDUCER AND CYTOTOXIC-SUPPRESSOR SUB-POPULATIONS IN MOUSE AND MAN** *JOURNAL OF EXPERIMENTAL MEDICINE*
LEDBETTER, J. A., Evans, R. L., Lipinski, M., CUNNINGHAMRUNDLES, C., Good, R. A., Herzenberg, L. A.
1981; 153 (2): 310-323
 - **LYT-2 AND LYT-3 ANTIGENS ARE ON 2 DIFFERENT POLYPEPTIDE SUBUNITS LINKED BY DISULFIDE BONDS - RELATIONSHIP OF SUBUNITS TO T-CELL CYTOLYTIC ACTIVITY** *JOURNAL OF EXPERIMENTAL MEDICINE*

- LEDBETTER, J. A., Seaman, W. E., Tsu, T. T., Herzenberg, L. A.
1981; 153 (6): 1503-1516
- **A MONOCLONAL MOUSE ANTI-ALLOTYPE ANTIBODY REACTS WITH CERTAIN HUMAN AND OTHER VERTEBRATE IMMUNOGLOBULINS - GENETIC AND PHYLOGENETIC FINDINGS** *IMMUNOGENETICS*
Parsons, M., Herzenberg, L. A.
1981; 12 (3-4): 207-219
 - **A HUMAN LYMPHOCYTE-T DIFFERENTIATION MARKER DEFINED BY MONOCLONAL-ANTIBODIES THAT BLOCK E-ROSETTE FORMATION** *JOURNAL OF IMMUNOLOGY*
Howard, F. D., LEDBETTER, J. A., Wong, J., BIEBER, C. P., Stinson, E. B., Herzenberg, L. A.
1981; 126 (6): 2117-2122
 - **SURFACE-ANTIGENS ON MOUSE NATURAL-KILLER CELLS - USE OF MONOCLONAL-ANTIBODIES TO INHIBIT OR TO ENRICH CYTOTOXIC ACTIVITY** *JOURNAL OF IMMUNOLOGY*
Seaman, W. E., Talal, N., Herzenberg, L. A., Herzenberg, L. A., LEDBETTER, J. A.
1981; 127 (3): 982-986
 - **DETECTION AND ISOLATION OF FETAL CELLS FROM MATERNAL BLOOD USING THE FLUORESCENCE-ACTIVATED CELL SORTER (FACS)** *PRENATAL DIAGNOSIS*
Iverson, G. M., Bianchi, D. W., Cann, H. M., Herzenberg, L. A.
1981; 1 (1): 61-73
 - **CARRIER-SPECIFIC INDUCTION OF HAPTEN-SPECIFIC SUPPRESSION** *IMMUNOLOGY TODAY*
Herzenberg, L. A., Tokuhisa, T., Herzenberg, L. A.
1981; 2 (3): 40-46
 - **CARRIER-PRIMING LEADS TO HAPTEN-SPECIFIC SUPPRESSION** *NATURE*
Herzenberg, L. A., Tokuhisa, T., Herzenberg, L. A.
1980; 285 (5767): 664-667
 - **A RAPID METHOD FOR THE DETECTION OF ANTIBODIES TO CELL-SURFACE ANTIGENS - A SOLID-PHASE RADIOIMMUNOASSAY USING CELL-MEMBRANES** *JOURNAL OF IMMUNOLOGICAL METHODS*
Howard, F. D., LEDBETTER, J. A., Mehdi, S. Q., Herzenberg, L. A.
1980; 38 (1-2): 75-84
 - **T-CELL SUBSETS DEFINED BY EXPRESSION OF LYT-1,2,3 AND THY-1 ANTIGENS - 2-PARAMETER IMMUNOFLUORESCENCE AND CYTOTOXICITY ANALYSIS WITH MONOCLONAL-ANTIBODIES MODIFIES CURRENT VIEWS** *JOURNAL OF EXPERIMENTAL MEDICINE*
LEDBETTER, J. A., Rouse, R. V., MICKLEM, H. S., Herzenberg, L. A.
1980; 152 (2): 280-295
 - **FETAL CELLS IN THE BLOOD OF PREGNANT-WOMEN - DETECTION AND ENRICHMENT BY FLUORESCENCE-ACTIVATED CELL SORTING** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Herzenberg, L. A., Bianchi, D. W., Schroder, J., Cann, H. M., Iverson, G. M.
1979; 76 (3): 1453-1455
 - **XENOGENEIC MONOCLONAL ANTIBODIES TO MOUSE LYMPHOID DIFFERENTIATION ANTIGENS** *IMMUNOLOGICAL REVIEWS*
LEDBETTER, J. A., Herzenberg, L. A.
1979; 47: 63-90
 - **Immunoglobulin isoantigens (allotypes) in the mouse : V. Characterization of IgM allotypes.** *Immunogenetics*
Black, S. J., Goding, J. W., GUTMAN, G. A., Herzenberg, L. A., Loken, M. R., Osborne, B. A., van der Loo, W., Warner, N. L.
1978; 7 (1): 213-230
 - **T cell hybrids with T cell functions.** *Current topics in microbiology and immunology*
Simpson, E., Kontiainen, S., Herzenberg, L. A., Bohrer, E., Torano, A., Vogt, P., Beverley, P., FITZPATRICK, W., Feldmann, M.
1978; 81: 195-202
 - **IMMUNOGLOBULIN ISOANTIGENS (ALLOTYPES) IN THE MOUSE .5. CHARACTERIZATION OF IGM ALLOTYPES** *IMMUNOGENETICS*
Black, S. J., Goding, J. W., GUTMAN, G. A., Herzenberg, L. A., Loken, M. R., Osborne, B. A., VANDERLOO, W., Warner, N. L.
1978; 7 (3): 213-230

- **T-CELL LINES PRODUCING ANTIGEN-SPECIFIC SUPPRESSOR FACTOR** *NATURE*
Kontiainen, S., Simpson, E., Bohrer, E., Beverley, P. C., Herzenberg, L. A., Fitzpatrick, W. C., Vogt, P., Torano, A., MCKENZIE, I. F., Feldmann, M.
1978; 274 (5670): 477-480
- **Properties of monoclonal antibodies to mouse Ig allotypes, H-2, and Ia antigens.** *Current topics in microbiology and immunology*
Oi, V. T., Jones, P. P., Goding, J. W., Herzenberg, L. A., Herzenberg, L. A.
1978; 81: 115-120
- **Surface markers and functional relationships of cells involved in murine B-lymphocyte differentiation.** *Cold Spring Harbor symposia on quantitative biology*
Herzenberg, L. A., Herzenberg, L. A., Black, S. J., Loken, M. R., Okumura, K., van der Loo, W., Osborne, B. A., Hewgill, D., Goding, J. W., Gutman, G., Warner, N. L.
1977; 41: 33-45
- **FC RECEPTOR ON THYMUS-DERIVED LYMPHOCYTES .4. INHIBITION OF BINDING OF ANTIGEN-ANTIBODY COMPLEXES TO FC RECEPTOR POSITIVE T CELLS BY ANTI-IA SERA** *JOURNAL OF EXPERIMENTAL MEDICINE*
Stout, R. D., Murphy, D. B., McDevitt, H. O., Herzenberg, L. A.
1977; 145 (1): 187-203
- **ISOLATION OF ANTIGEN-BINDING CELLS FROM UNPRIMED MICE .2. EVIDENCE FOR MONOSPECIFICITY OF ANTIGEN-BINDING CELLS** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Julius, M. H., Janeway, C. A., Herzenberg, L. A.
1976; 6 (4): 288-292
- **T-CELL REGULATION OF ANTIBODY-RESPONSES - DEMONSTRATION OF ALLOTYPE-SPECIFIC HELPER T CELLS AND THEIR SPECIFIC REMOVAL BY SUPPRESSOR T CELLS** *JOURNAL OF EXPERIMENTAL MEDICINE*
Herzenberg, L. A., Okumura, K., Cantor, H., Sato, V. L., Shen, F. W., Boyse, E. A., Herzenberg, L. A.
1976; 144 (2): 330-344
- **2 STAGES OF B-CELL MEMORY DEVELOPMENT WITH DIFFERENT T-CELL REQUIREMENTS** *JOURNAL OF EXPERIMENTAL MEDICINE*
Okumura, K., METZLER, C. M., Tsu, T. T., Herzenberg, L. A., Herzenberg, L. A.
1976; 144 (2): 345-357
- **IDENTIFICATION AND SEPARATION OF PRE T-CELLS FROM NU-NU MICE - DIFFERENTIATION BY PRE-CULTURE WITH THYMIC RETICULOEPITHELIAL CELLS** *CELLULAR IMMUNOLOGY*
Sato, V. L., WAKSAL, S. D., Herzenberg, L. A.
1976; 24 (1): 173-185
- **FURTHER-STUDIES ON TH-B, A CELL-SURFACE ANTIGENIC DETERMINANT PRESENT ON MOUSE B CELLS, PLASMA-CELLS AND IMMATURE THYMOCYTES** *CELLULAR IMMUNOLOGY*
YUTOKU, M., GROSSBERG, A. L., STOUT, R., Herzenberg, L. A., PRESSMAN, D.
1976; 23 (1): 140-157
- **FC RECEPTOR ON THYMUS-DERIVED LYMPHOCYTES .3. MIXED LYMPHOCYTE-REACTIVITY AND CELL-MEDIATED LYMPHOLYTIC ACTIVITY OF FC- AND FC+ T-LYMPHOCYTES** *JOURNAL OF EXPERIMENTAL MEDICINE*
Stout, R. D., WAKSAL, S. D., Herzenberg, L. A.
1976; 144 (1): 54-68
- **QUANTITATIVE SEPARATION OF ANTIGEN-SPECIFIC MURINE ANTIBODIES BY ANTI-ALLOTYPE CHROMATOGRAPHY** *SCANDINAVIAN JOURNAL OF IMMUNOLOGY*
FREED, J. H., Herzenberg, L. A.
1975; 4 (5-6): 479-485
- **CHARACTERIZATION OF SUBPOPULATIONS OF T-LYMPHOCYTES .1. SEPARATION AND FUNCTIONAL STUDIES OF PERIPHERAL T-CELLS BINDING DIFFERENT AMOUNTS OF FLUORESCENT ANTI-THY 1.2 (THETA) ANTIBODY USING A FLUORESCENCE-ACTIVATED CELL SORTER (FACS)** *CELLULAR IMMUNOLOGY*
Cantor, H., Simpson, E., Sato, V. L., Garrison, C., Herzenberg, L. A.
1975; 15 (1): 180-196
- **SURFACE MEMBRANE DETERMINANT SHARED BY SUBPOPULATIONS OF THYMOCYTES AND B-LYMPHOCYTES** *JOURNAL OF IMMUNOLOGY*
Stout, R. D., YUTOKU, M., Grossberg, A., PRESSMAN, D., Herzenberg, L. A.

1975; 115 (2): 508-512

- **FC RECEPTOR ON THYMUS-DERIVED LYMPHOCYTES .2. MITOGEN RESPONSIVENESS OF T LYMPHOCYTES BEARING FC RECEPTOR** *JOURNAL OF EXPERIMENTAL MEDICINE*
Stout, R. D., Herzenberg, L. A.
1975; 142 (5): 1041-1051
- **FC RECEPTOR ON THYMUS-DERIVED LYMPHOCYTES .1. DETECTION OF A SUBPOPULATION OF MURINE T-LYMPHOCYTES BEARING FC RECEPTOR** *JOURNAL OF EXPERIMENTAL MEDICINE*
Stout, R. D., Herzenberg, L. A.
1975; 142 (3): 611-621
- **ISOLATION OF ANTIGEN-BINDING CELLS FROM UNPRIMED MICE - DEMONSTRATION OF ANTIBODY-FORMING CELL PRECURSOR ACTIVITY AND CORRELATION BETWEEN PRECURSOR AND SECRETED ANTIBODY AVIDITIES** *JOURNAL OF EXPERIMENTAL MEDICINE*
Julius, M. H., Herzenberg, L. A.
1974; 140 (4): 904-920
- **LYMPHOCYTE COMMITMENT TO IG ALLOTYPE AND CLASS** *ANNALES D IMMUNOLOGIE*
Jones, P. P., TACIEREU, H., HERZENBE, L. A.
1974; C125 (1-2): 271-276
- **MOUSE IMMUNOGLOBULIN ALLOTYPES - CHARACTERIZATION AND USE IN CELLULAR IMMUNOLOGY** *ANNALES D IMMUNOLOGIE*
HERZENBE, L. A., Jones, P. P., HERZENBE, L. A.
1974; C125 (1-2): 71-83
- **RESTRICTION OF GENE-EXPRESSION IN B-LYMPHOCYTES AND THEIR PROGENY .1. COMMITMENT TO IMMUNOGLOBULIN ALLOTYPE** *JOURNAL OF EXPERIMENTAL MEDICINE*
Jones, P. P., Cebra, J. J., Herzenberg, L. A.
1974; 139 (3): 581-599
- **GENETIC-CONTROL OF ANTIBODY-RESPONSE TO POLY-L(TYR,GLU)-POLY-D,L-ALA--POLY-L-LYS IN C3H [-]CWB TETRAPARENTAL MICE** *JOURNAL OF EXPERIMENTAL MEDICINE*
BECHTOL, K. B., FREED, J. H., Herzenberg, L. A., McDevitt, H. O.
1974; 140 (6): 1660-1675
- **RESTRICTION OF GENE-EXPRESSION IN B LYMPHOCYTES AND THEIR PROGENY .2. COMMITMENT TO IMMUNOGLOBULIN HEAVY-CHAIN ISOTYPE** *JOURNAL OF EXPERIMENTAL MEDICINE*
Jones, P. P., Craig, S. W., Cebra, J. J., Herzenberg, L. A.
1974; 140 (2): 452-469
- **IDENTIFICATION AND QUANTITATION OF THYMUS-DERIVED LYMPHOCYTES IN HUMAN PERIPHERAL-BLOOD** *JOURNAL OF IMMUNOLOGY*
Bobrove, A. M., Strober, S., HERZENBE, L. A., DEPAMPHI, J. D.
1974; 112 (2): 520-527
- **IMMUNOGLOBULIN (IG) ALLOTYPE MARKERS ON RABBIT LYMPHOCYTES - SEPARATION OF CELLS BEARING DIFFERENT ALLOTYPES AND DEMONSTRATION OF BINDING OF IG TO LYMPHOID-CELL MEMBRANES** *JOURNAL OF IMMUNOLOGY*
Jones, P. P., Cebra, J. J., Herzenberg, L. A.
1973; 111 (5): 1334-1348
- **RABBIT ANTISERUM TO A THYMUS EXTRACT SPECIFIC FOR MOUSE THYMUS-DERIVED CELLS** *JOURNAL OF IMMUNOLOGY*
Sarkar, S., HYMAN, R., Masuda, T., HERZENBE, L. A.
1973; 110 (5): 1222-1232
- **ACTIVE SUPPRESSION OF IMMUNOGLOBULIN ALLOTYPE SYNTHESIS .3. IDENTIFICATION OF T CELLS AS RESPONSIBLE FOR SUPPRESSION BY CELLS FROM SPLEEN, THYMUS, LYMPH-NODE, AND BONE-MARROW** *JOURNAL OF EXPERIMENTAL MEDICINE*
Herzenberg, L. A., Chan, E. L., Ravitch, M. M., RIBLET, R. J., HERZENBE, L. A.
1973; 137 (6): 1311-1324
- **ANALYSIS OF ANTI(T,G)-A--L ANTIBODY IN TETRAPARENTAL MICE** *TRANSPLANTATION PROCEEDINGS*
FREED, J. H., BECHTOL, K. B., HERZENBE, L. A., HERZENBE, L. A., McDevitt, H. O.

1973; 5 (1): 167-171

- **RAPID METHOD FOR ISOLATION OF FUNCTIONAL THYMUS-DERIVED MURINE LYMPHOCYTES** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Julius, M. H., Simpson, E., Herzenberg, L. A.
1973; 3 (10): 645-649
- **ACTIVE SUPPRESSION OF IMMUNOGLOBULIN ALLOTYPE SYNTHESIS .2. TRANSFER OF SUPPRESSING FACTOR WITH SPLEEN-CELLS** *JOURNAL OF EXPERIMENTAL MEDICINE*
Jacobson, E. B., Herzenberg, L. A., Riblet, R.
1972; 135 (5): 1163-?
- **CHRONIC ALLOTYPE SUPPRESSION IN MICE - ACTIVE REGULATORY PROCESS** *ANNALS OF THE NEW YORK ACADEMY OF SCIENCES*
Herzenberg, L. A., RIBLET, R. J., Jacobson, E. B.
1971; 190: 212-?
- **IMMUNOGLOBULIN SYNTHESIS IN MICE - SUPPRESSION BY ANTI-ALLOTYPE ANTIBODY** *JOURNAL OF EXPERIMENTAL MEDICINE*
Herzenberg, L. A., HERZENBE, L. A., Goodlin, R. C., Rivera, E. C.
1967; 126 (4): 701-?
- **IMMUNOGLOBULIN ISOANTIGENS (ALLOTYPES) IN MOUSE .I. GENETICS AND CROSS-REACTIONS OF 7S GAMMA2A-ISOANTIGENS CONTROLLED BY ALLELES AT IG-1 LOCUS** *JOURNAL OF EXPERIMENTAL MEDICINE*
Herzenberg, L. A., Warner, N. L., HERZENBE, L. A.
1965; 121 (3): 415-?
- **GENETICS OF A GAMMA GLOBULIN ISOANTIGEN (ALLOTYPE) IN MOUSE** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Wunderlich, J., Herzenberg, L. A.
1963; 49 (5): 592-?