



Cornelia Weyand

Professor of Medicine (Immunology and Rheumatology), Emerita
Medicine - Med/Immunology & Rheumatology

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Medicine - Med/Immunology & Rheumatology
- Member, Bio-X
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Center for Translational Medicine, Stanford University School of Medicine, (2019- present)
- Chief, Division of Immunology and Rheumatology, Stanford University School of Medicine, (2013-2019)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Autoimmunity

Chronic inflammatory disease

Metabolic control of immune function

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (Phd Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Immune responses in aging adults.** *The Journal of clinical investigation*
Weyand, C. M., Goronzy, J. J.
2026; 136 (12)
- **Macrophage metabolic exhaustion and PANoptotic cell death drive chronic tissue inflammation in rheumatoid arthritis.** *Immunity*
Huang, T., Takashima, Y., Kumar, J., Morales, J., Le, K., Hu, Z., Rubino, S., Trousdale, R. T., Berry, G. J., Goronzy, J. J., Weyand, C. M.
2026
- **Lipid droplet-induced T cell death sustains autoimmune tissue inflammation.** *Cell metabolism*
Kumar, J., Takashima, Y., Morales, J., Wong, B., Werner, L., Goronzy, I. N., Rubino, S., Trousdale, R. T., Berry, G. J., Goronzy, J. J., Weyand, C. M.

2026

- **Sustained immune youth risks autoimmune disease in the aging host.** *Nature aging*
Weyand, C. M., Goronzy, J. J.
2025; 5 (8): 1404-1414
- **Immune Aging in Rheumatoid Arthritis.** *Arthritis & rheumatology (Hoboken, N.J.)*
Weyand, C. M., Goronzy, J. J.
2025
- **Stem-like CD4+ T cells in perivascular tertiary lymphoid structures sustain autoimmune vasculitis.** *Science translational medicine*
Sato, Y., Jain, A., Ohtsuki, S., Okuyama, H., Sturmlechner, I., Takashima, Y., Le, K. C., Bois, M. C., Berry, G. J., Warrington, K. J., Goronzy, J. J., Weyand, C. M.
2023; 15 (712): eadh0380
- **Immunology of Giant Cell Arteritis.** *Circulation research*
Weyand, C. M., Goronzy, J. J.
2023; 132 (2): 238-250
- **Hyperactivity of the CD155 immune checkpoint suppresses anti-viral immunity in patients with coronary artery disease.** *Nature cardiovascular research*
Zhao, T. V., Hu, Z., Ohtsuki, S., Jin, K., Wu, B., Berry, G. J., Frye, R. L., Goronzy, J. J., Weyand, C. M.
2022; 1 (7): 634-648
- **The transcription factor RFX5 coordinates antigen-presenting function and resistance to nutrient stress in synovial macrophages.** *Nature metabolism*
Hu, Z., Zhao, T. V., Huang, T., Ohtsuki, S., Jin, K., Goronzy, J. J., Wu, B., Abdel, M. P., Bettencourt, J. W., Berry, G. J., Goronzy, J. J., Weyand, C. M.
2022
- **Mitochondrial aspartate regulates TNF biogenesis and autoimmune tissue inflammation.** *Nature immunology*
Wu, B., Zhao, T. V., Jin, K., Hu, Z., Abdel, M. P., Warrington, K. J., Goronzy, J. J., Weyand, C. M.
2021
- **The immunology of rheumatoid arthritis.** *Nature immunology*
Weyand, C. M., Goronzy, J. J.
2020
- **NOTCH-induced rerouting of endosomal trafficking disables regulatory T-cells in vasculitis.** *The Journal of clinical investigation*
Jin, K., Wen, Z., Wu, B., Zhang, H., Qiu, J., Wang, Y., Warrington, K. J., Berry, G., Goronzy, J. J., Weyand, C. M.
2020
- **Succinyl-CoA Ligase Deficiency in Pro-inflammatory and Tissue-Invasive T Cells.** *Cell metabolism*
Wu, B. n., Qiu, J. n., Zhao, T. V., Wang, Y. n., Maeda, T. n., Goronzy, J. n., Akiyama, M. n., Ohtsuki, S. n., Jin, K. n., Tian, L. n., Goronzy, J. J., Weyand, C. M.
2020; 32 (6): 967–80.e5
- **N-myristoyltransferase deficiency impairs activation of kinase AMPK and promotes synovial tissue inflammation** *NATURE IMMUNOLOGY*
Wen, Z., Jin, K., Shen, Y., Yang, Z., Li, Y., Wu, B., Tian, L., Shoor, S., Roche, N. E., Goronzy, J. J., Weyand, C. M.
2019; 20 (3): 313–+
- **N-myristoyltransferase deficiency impairs activation of kinase AMPK and promotes synovial tissue inflammation.** *Nature immunology*
Wen, Z., Jin, K., Shen, Y., Yang, Z., Li, Y., Wu, B., Tian, L., Shoor, S., Roche, N. E., Goronzy, J. J., Weyand, C. M.
2019
- **Glucose metabolism controls disease-specific signatures of macrophage effector functions** *JCI INSIGHT*
Watanabe, R., Hilhorst, M., Zhang, H., Zeisbrich, M., Berry, G. J., Wallis, B. B., Harrison, D. G., Giacomini, J. C., Goronzy, J. J., Weyand, C. M.
2018; 3 (20)
- **A Mitochondrial Checkpoint in Autoimmune Disease.** *Cell metabolism*
Weyand, C. M., Goronzy, J. J.
2018; 28 (2): 185–86

- **Inhibition of JAK-STAT Signaling Suppresses Pathogenic Immune Responses in Medium and Large Vessel Vasculitis** *CIRCULATION*
Zhang, H., Watanabe, R., Berry, G. J., Tian, L., Goronzy, J. J., Weyand, C. M.
2018; 137 (18): 1934–48
- **Immunoinhibitory checkpoint deficiency in medium and large vessel vasculitis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Zhang, H., Watanabe, R., Berry, G. J., Vaglio, A., Liao, Y. J., Warrington, K. J., Goronzy, J. J., Weyand, C. M.
2017; 114 (6): E970-E979
- **The microvascular niche instructs T cells in large vessel vasculitis via the VEGF-Jagged1-Notch pathway.** *Science translational medicine*
Wen, Z. n., Shen, Y. n., Berry, G. n., Shahram, F. n., Li, Y. n., Watanabe, R. n., Liao, Y. J., Goronzy, J. J., Weyand, C. M.
2017; 9 (399)
- **Metabolic control of the scaffold protein TKS5 in tissue-invasive, proinflammatory T cells.** *Nature immunology*
Shen, Y. n., Wen, Z. n., Li, Y. n., Matteson, E. L., Hong, J. n., Goronzy, J. J., Weyand, C. M.
2017; 18 (9): 1025–34
- **Deficient Activity of the Nuclease MRE11A Induces T Cell Aging and Promotes Arthritogenic Effector Functions in Patients with Rheumatoid Arthritis.** *Immunity*
Li, Y., Shen, Y., Hohensinner, P., Ju, J., Wen, Z., Goodman, S. B., Zhang, H., Goronzy, J. J., Weyand, C. M.
2016; 45 (4): 903-916
- **NADPH oxidase deficiency underlies dysfunction of aged CD8(+) Tregs** *JOURNAL OF CLINICAL INVESTIGATION*
Wen, Z., Shimojima, Y., Shirai, T., Li, Y., Ju, J., Yang, Z., Tian, L., Goronzy, J. J., Weyand, C. M.
2016; 126 (5): 1953-1967
- **Restoring oxidant signaling suppresses proarthritogenic T cell effector functions in rheumatoid arthritis.** *Science translational medicine*
Yang, Z., Shen, Y., Oishi, H., Matteson, E. L., Tian, L., Goronzy, J. J., Weyand, C. M.
2016; 8 (331): 331ra38-?
- **The glycolytic enzyme PKM2 bridges metabolic and inflammatory dysfunction in coronary artery disease** *JOURNAL OF EXPERIMENTAL MEDICINE*
Shirai, T., Nazarewicz, R. R., Wallis, B. B., Yanes, R. E., Watanabe, R., Hilhorst, M., Tian, L., Harrison, D. G., Giacomini, J. C., Assimes, T. L., Goronzy, J. J., Weyand, C. M.
2016; 213 (3): 337-354
- **Blocking the NOTCH Pathway Inhibits Vascular Inflammation in Large-Vessel Vasculitis** *CIRCULATION*
Piggott, K., Deng, J., Warrington, K., Younge, B., Kubo, J. T., Desai, M., Goronzy, J. J., Weyand, C. M.
2011; 123 (3): 309-U180
- **DNA-dependent protein kinase catalytic subunit mediates T-cell loss in rheumatoid arthritis** *EMBO MOLECULAR MEDICINE*
Shao, L., Goronzy, J. J., Weyand, C. M.
2010; 2 (10): 415-427
- **Th17 and Th1 T-Cell Responses in Giant Cell Arteritis** *CIRCULATION*
Deng, J., Younge, B. R., Olshen, R. A., Goronzy, J. J., Weyand, C. M.
2010; 121 (7): 906-U107
- **Antigen-specific T_H17 cells offset the age-related decline in durable T cell immunity** *SCIENCE ADVANCES*
Sturmlechner, I., Jain, A., Jiang, J., Okuyama, H., Mu, Y., Own, M., Weyand, C. M., Goronzy, J. J.
2026; 12 (6): eaea7131
- **Immune Age, Cardiovascular Disease, and Anti-Viral Immunity.** *Cells*
Le, K. C., Shuja, F., Goronzy, J. J., Weyand, C. M.
2025; 14 (22)
- **Antigen specificity shapes distinct aging trajectories of memory CD8⁺ T cells.** *Nature communications*
Sturmlechner, I., Jain, A., Hu, B., Jadhav, R. R., Cao, W., Okuyama, H., Tian, L., Weyand, C. M., Goronzy, J. J.
2025; 16 (1): 6394

- **Perivascular Tertiary Lymphoid Structures in Autoimmune Disease.** *Immunological reviews*
Goronzy, J. J., Weyand, C. M.
2025; 332 (1): e70047
- **Metabolic checkpoints in rheumatoid arthritis.** *Seminars in arthritis and rheumatism*
Weyand, C. M., Goronzy, J. J.
2024: 152586
- **Subclinical Aortic Inflammation in Patients with Polymyalgia Rheumatica.** *Rheumatology (Oxford, England)*
Kaymakci, M. S., Berry, G. J., Langenfeld, H. E., Hanson, A. C., Crowson, C. S., Bois, M. C., Schaff, H. V., Sato, Y., Le, K. C., Koster, M. J., Weyand, C. M., Warrington, K. J.
2024
- **Immune checkpoints in autoimmune vasculitis.** *Best practice & research. Clinical rheumatology*
Sato, Y., Tada, M., Goronzy, J. J., Weyand, C. M.
2024: 101943
- **A Pathogenetic Model of IgG4-related Disease Developed from Familial IKZF1 and UBR4 Gene Variants**
Liu, Q., Warrington, K., Koster, M., Weyand, C. M., Goronzy, J.
WILEY.2023: 50-51
- **Clinicopathologic Features of Patients with Giant Cell Arteritis and Thoracic Aorta Repair: A Single Center Experience over Two Decades**
Kaymakci, M., Boire, N., Bois, M., Elfishawi, M., Langenfeld, H., Hanson, A., Crowson, C., Koster, M., Weyand, C. M., Warrington, K.
WILEY.2023: 5083-5085
- **Risk of Large Vessel Complications in Patients with Giant Cell Arteritis, a Population-based Study**
Elfishawi, M., Kaymakci, M., Achenbach, S., Crowson, C., Kermani, T., Weyand, C. M., Koster, M., Warrington, K.
WILEY.2023: 4765-4767
- **Arthritogenic Cells Found in the Peripheral Blood of Rheumatoid Arthritis Patients Transfer the Disease to NSG-DR4 Mice**
Rupp, J., Fessler, J., Hayer, S., Dreo, B., Lackner, A., Fasching, P., Helmberg, W., Schlenke, P., Thiel, J., Steiner, G., Weyand, C. M., Stradner, M.
WILEY.2023: 4216
- **Concordance of Relapse Symptoms with Initial Baseline Presentation Features Among Patients with Giant Cell Arteritis**
Guarda, M., Hanson, A., Langenfeld, H., Crowson, C., Rakholiya, J., Labarca, C., Weyand, C. M., Warrington, K., Koster, M.
WILEY.2023: 4770-4772
- **Identification of Giant Cell Arteritis Using Plasma Proteome Profiles Integrated with Machine Learning**
Cunningham, K., Sung, J., Hur, B., Gupta, V., Koster, M., Weyand, C. M., Cuthbertson, D., Khalidi, N., Koenig, C., Langford, C., McAlear, C., Monach, P., Moreland, et al
WILEY.2023: 5185-5188
- **Immuno-permissive Antigen-presenting Cells in Giant Cell Arteritis**
Ohtsuki, S., Wang, C., Watanabe, R., Zhang, H., Akiyama, M., Warrington, K., Berry, G. J., Goronzy, J., Weyand, C. M.
WILEY.2023: 4767-4768
- **CD4⁺ CD96⁺ T Cells Are Pathogenic Effector Cells in Giant Cell Arteritis**
Ohtsuki, S., Morales, J., Sato, Y., Wang, C., Koster, M., Warrington, K., Berry, G. J., Goronzy, J., Weyand, C. M.
WILEY.2023: 1602-1603
- **Pharmacological Inhibition of PRMT5 Demonstrates Broad Efficacy in Multiple Preclinical Models of Autoimmunity and Inflammation by Suppressing Th1, Th17 and TNF-Mediated Inflammatory Responses**
Bhagwat, N., Penmetsa, K., Devalaraja, M., Marusic, S., Weyand, C. M., Ohtsuki, S., Scherle, P., Vaddi, K.
WILEY.2023: 127-129
- **Use of High-plex Data Reveals Novel Insights into the Temporal Artery Processus of Giant Cell Arteritis**
Parreau, S., Molina, E., Dumonteil, S., Goulabchand, R., Naves, T., Bois, M., Fauchais, A., Liozon, E., Jauberteau, M., Weyand, C. M., Ly, K.
WILEY.2023: 29-30
- **Immune aging - A mechanism in autoimmune disease.** *Seminars in immunology*

- Zheng, Y., Liu, Q., Goronzy, J. J., Weyand, C. M.
2023; 69: 101814
- **Deficiency of the CD155-CD96 immune checkpoint controls IL-9 production in giant cell arteritis.** *Cell reports. Medicine*
Ohtsuki, S., Wang, C., Watanabe, R., Zhang, H., Akiyama, M., Bois, M. C., Maleszewski, J. J., Warrington, K. J., Berry, G. J., Goronzy, J. J., Weyand, C. M.
2023; 4 (4): 101012
 - **CISH impairs lysosomal function in activated T cells resulting in mitochondrial DNA release and inflammaging.** *Nature aging*
Jin, J., Mu, Y., Zhang, H., Sturmlechner, I., Wang, C., Jadhav, R. R., Xia, Q., Weyand, C. M., Goronzy, J. J.
2023
 - **TRIB2 safeguards naive T cell homeostasis during aging.** *Cell reports*
Cao, W., Sturmlechner, I., Zhang, H., Jin, J., Hu, B., Jadhav, R. R., Fang, F., Weyand, C. M., Goronzy, J. J.
2023; 42 (3): 112195
 - **Aging-associated HELIOS deficiency in naive CD4+ T cells alters chromatin remodeling and promotes effector cell responses.** *Nature immunology*
Zhang, H., Jadhav, R. R., Cao, W., Goronzy, J. J., Zhao, T. V., Jin, J., Ohtsuki, S., Hu, Z., Morales, J., Greenleaf, W. J., Weyand, C. M., Goronzy, J. J.
2022
 - **Mitochondria as disease-relevant organelles in rheumatoid arthritis.** *Clinical and experimental immunology*
Weyand, C. M., Wu, B., Huang, T., Hu, Z., Goronzy, J. J.
2022
 - **T cell aging as a risk factor for autoimmunity.** *Journal of autoimmunity*
Liu, Q., Zheng, Y., Goronzy, J. J., Weyand, C. M.
2022: 102947
 - **Immune Responses and Disease Marker Changes Following SARS-CoV-2 mRNA Vaccination in a Cohort of Rheumatic Disease Patients**
An, Z., Zhou, X., Li, Y., Jaquith, J., McCarthy-Fruin, K., Warrington, K. J., Duarte-Garcia, A., Thanarajasingam, U., Weyand, C. M., Zeng, H.
WILEY.2022: 1501-1502
 - **IL-4 prevents adenosine-mediated immunoregulation by inhibiting CD39 expression.** *JCI insight*
Fang, F., Cao, W., Mu, Y., Okuyama, H., Li, L., Qiu, J., Weyand, C. M., Goronzy, J. J.
2022; 7 (12)
 - **Reduced chromatin accessibility to CD4 T cell super-enhancers encompassing susceptibility loci of rheumatoid arthritis.** *EBioMedicine*
Jadhav, R. R., Hu, B., Ye, Z., Sheth, K., Li, X., Greenleaf, W. J., Weyand, C. M., Goronzy, J. J.
1800; 76: 103825
 - **Large-vessel vasculitis.** *Nature reviews. Disease primers*
Pugh, D., Karabayas, M., Basu, N., Cid, M. C., Goel, R., Goodyear, C. S., Grayson, P. C., McAdoo, S. P., Mason, J. C., Owen, C., Weyand, C. M., Youngstein, T., Dhaun, et al
1800; 7 (1): 93
 - **Age as a risk factor in vasculitis.** *Seminars in immunopathology*
Gloor, A. D., Berry, G. J., Goronzy, J. J., Weyand, C. M.
2022
 - **Regulatory T Cells in Autoimmune Vasculitis.** *Frontiers in immunology*
Jin, K., Parreau, S., Warrington, K. J., Koster, M. J., Berry, G. J., Goronzy, J. J., Weyand, C. M.
2022; 13: 844300
 - **The influence of three-dimensional structure on naive T cell homeostasis and aging.** *Frontiers in aging*
Lambert, S., Cao, W., Zhang, H., Colville, A., Liu, J., Weyand, C. M., Goronzy, J. J., Gustafson, C. E.
2022; 3: 1045648
 - **T-Cell Aging-Associated Phenotypes in Autoimmune Disease.** *Frontiers in aging*
Zhao, T. V., Sato, Y., Goronzy, J. J., Weyand, C. M.
2022; 3: 867950

- **The cell-surface 5'-nucleotidase CD73 defines a functional T memory cell subset that declines with age.** *Cell reports*
Fang, F., Cao, W., Zhu, W., Lam, N., Li, L., Gaddam, S., Wang, Y., Kim, C., Lambert, S., Zhang, H., Hu, B., Farber, D. L., Weyand, et al
2021; 37 (6): 109981
- **Immune And Inflammatory Mechanisms Mediate Cardiovascular Diseases From Head To Toe.** *Cardiovascular research*
Libby, P., Mallat, Z., Weyand, C.
2021
- **Understanding T cell aging to improve anti-viral immunity.** *Current opinion in virology*
Zhang, H., Weyand, C. M., Goronzy, J. J., Gustafson, C. E.
2021; 51: 127-133
- **Activation of mTORC1 at late endosomes misdirects T cell fate decision in older individuals.** *Science immunology*
Jin, J., Kim, C., Xia, Q., Gould, T. M., Cao, W., Zhang, H., Li, X., Weiskopf, D., Grifoni, A., Sette, A., Weyand, C. M., Goronzy, J. J.
2021; 6 (60)
- **miR-181a-regulated pathways in T-cell differentiation and aging.** *Immunity & ageing : I & A*
Kim, C., Ye, Z., Weyand, C. M., Goronzy, J. J.
2021; 18 (1): 28
- **Influence of Lymph Node Microenvironment on Naive T cell Aging**
Gustafson, C. E., Liu, J., Colville, A. J., Cao, W., Zhang, H., Weyand, C. M., Goronzy, J. J.
AMER ASSOC IMMUNOLOGISTS.2021
- **Hallmarks of the aging T cell system.** *The FEBS journal*
Zhang, H., Weyand, C. M., Goronzy, J. J.
2021
- **The GSK3beta-beta-catenin-TCF1 pathway improves naive T cell activation in old adults by upregulating miR-181a.** *NPJ aging and mechanisms of disease*
Ye, Z., Gould, T. M., Zhang, H., Jin, J., Weyand, C. M., Goronzy, J. J.
2021; 7 (1): 4
- **Arachidonic acid-regulated calcium signaling in T cells from patients with rheumatoid arthritis promotes synovial inflammation.** *Nature communications*
Ye, Z., Shen, Y., Jin, K., Qiu, J., Hu, B., Jadhav, R. R., Sheth, K., Weyand, C. M., Goronzy, J. J.
2021; 12 (1): 907
- **Histone deficiency and accelerated replication stress in T cell aging.** *The Journal of clinical investigation*
Kim, C., Jin, J., Ye, Z., Jadhav, R. R., Gustafson, C. E., Hu, B., Cao, W., Tian, L., Weyand, C. M., Goronzy, J. J.
2021; 131 (11)
- **Lysosomes in T Cell Immunity and Aging.** *Frontiers in aging*
Jin, J., Zhang, H., Weyand, C. M., Goronzy, J. J.
2021; 2: 809539
- **Metabolic Control of Autoimmunity and Tissue Inflammation in Rheumatoid Arthritis.** *Frontiers in immunology*
Qiu, J., Wu, B., Goodman, S. B., Berry, G. J., Goronzy, J. J., Weyand, C. M.
2021; 12: 652771
- **The Transcription Factor TCF1 in T Cell Differentiation and Aging.** *International journal of molecular sciences*
Kim, C., Jin, J., Weyand, C. M., Goronzy, J. J.
2020; 21 (18)
- **Pathogenesis of Giant Cell Arteritis and Takayasu Arteritis-Similarities and Differences.** *Current rheumatology reports*
Watanabe, R., Berry, G. J., Liang, D. H., Goronzy, J. J., Weyand, C. M.
2020; 22 (10): 68
- **T Cell Aging in Hypertension.** *Cardiovascular research*
Weyand, C. M., Goronzy, J. J.

2020

- **Homeostatic maintenance of human T cells in bioengineered secondary lymphoid organoids - a model for studying age-related immune decline**
 Gustafson, C., Lambert, S., Weyand, C. M., Goronzy, J. J.
 AMER ASSOC IMMUNOLOGISTS.2020
- **Influence of immune aging on vaccine responses.** *The Journal of allergy and clinical immunology*
 Gustafson, C. E., Kim, C., Weyand, C. M., Goronzy, J. J.
 2020; 145 (5): 1309–21
- **FOXO1 deficiency impairs proteostasis in aged T cells.** *Science advances*
 Jin, J., Li, X., Hu, B., Kim, C., Cao, W., Zhang, H., Weyand, C. M., Goronzy, J. J.
 2020; 6 (17): eaba1808
- **FOXO1 deficiency impairs proteostasis in aged T cells** *SCIENCE ADVANCES*
 Jin, J., Li, X., Hu, B., Kim, C., Cao, W., Zhang, H., Weyand, C. M., Goronzy, J. J.
 2020; 6 (17)
- **Immune cell repertoires in breast cancer patients after adjuvant chemotherapy.** *JCI insight*
 Gustafson, C. E., Jadhav, R., Cao, W., Qi, Q., Pegram, M., Tian, L., Weyand, C. M., Goronzy, J. J.
 2020; 5 (4)
- **Immunometabolism in the development of rheumatoid arthritis.** *Immunological reviews*
 Weyand, C. M., Goronzy, J. J.
 2020
- **Ecto-NTPDase CD39 is a negative checkpoint that inhibits follicular helper cell generation.** *The Journal of clinical investigation*
 Cao, W. n., Fang, F. n., Gould, T. n., Li, X. n., Kim, C. n., Gustafson, C. n., Lambert, S. n., Weyand, C. M., Goronzy, J. J.
 2020
- **Metabolic Fitness of T Cells in Autoimmune Disease.** *Immunometabolism*
 Wu, B., Goronzy, J. J., Weyand, C. M.
 2020; 2 (2)
- **Cellular Signaling Pathways in Medium and Large Vessel Vasculitis.** *Frontiers in immunology*
 Watanabe, R., Berry, G. J., Liang, D. H., Goronzy, J. J., Weyand, C. M.
 2020; 11: 587089
- **Innate and Adaptive Immunity in Giant Cell Arteritis.** *Frontiers in immunology*
 Akiyama, M. n., Ohtsuki, S. n., Berry, G. J., Liang, D. H., Goronzy, J. J., Weyand, C. M.
 2020; 11: 621098
- **Distinct Age-Related Epigenetic Signatures in CD4 and CD8 T Cells.** *Frontiers in immunology*
 Hu, B., Jadhav, R. R., Gustafson, C. E., Le Saux, S., Ye, Z., Li, X., Tian, L., Weyand, C. M., Goronzy, J. J.
 2020; 11: 585168
- **Large and Medium-Vessel Vasculitides** *AUTOIMMUNE DISEASES, 6TH EDITION*
 Weyand, C. M., Goronzy, J. J.
 edited by Rose, N. R., Mackay, I. R.
 2020: 1313–34
- **Neutrophil Extracellular Traps Induce Tissue-Invasive Macrophages in Granulomatosis with Polyangiitis Dominated by Ear, Nose and Throat Manifestations**
 Akiyama, M., Ibrahim, N., Zeisbrich, M., Hwang, P., Goronzy, J., Weyand, C.
 WILEY.2019
- **Lysosomal Placement of the Energy Sensors AMPK and mTORC1 Controls Tissue Inflammation in Rheumatoid Arthritis**
 Wen, Z., Jin, K., Li, Y., Wu, B., Goronzy, J., Weyand, C.
 WILEY.2019

- **Loss-of-function of the DNA Repair Nuclease MRE11A Induces Mitochondrial Failure and Tissue Inflammation in Rheumatoid Arthritis**
Li, Y., Shen, Y., Jin, K., Wen, Z., Cao, W., Wu, B., Wen, R., Tian, L., Berry, G., Goronzy, J., Weyand, C.
WILEY.2019
- **Metabolic Signatures of Pathogenic T Cells in Medium and Large Vessel Vasculitis**
Akiyama, M., Zhang, H., Watanabe, R., Maeda, T., Berry, G., Goronzy, J., Weyand, C.
WILEY.2019
- **GM-CSF Is a Pro-Inflammatory Cytokine in Experimental Vasculitis of Medium and Large Arteries**
Watanabe, R., Zhang, H., Maeda, T., Akiyama, M., Gandhi, R., Paolini, J., Berry, G., Weyand, C.
WILEY.2019
- **Cytokines, growth factors and proteases in medium and large vessel vasculitis** *CLINICAL IMMUNOLOGY*
Weyand, C. M., Watanabe, R., Zhang, H., Akiyama, M., Berry, G. J., Goronzy, J. J.
2019; 206: 33–41
- **Geographical variations in ocular and extra-ocular manifestations in Behcet's disease.** *European journal of rheumatology*
Shahram, F., Mahlen, M. T., Akhlaghi, M., Davatchi, F., Liao, Y. J., Weyand, C. M.
2019: 1–8
- **The DNA Repair Nuclease MRE11A Functions as a Mitochondrial Protector and Prevents T Cell Pyroptosis and Tissue Inflammation.** *Cell metabolism*
Li, Y., Shen, Y., Jin, K., Wen, Z., Cao, W., Wu, B., Wen, R., Tian, L., Berry, G. J., Goronzy, J. J., Weyand, C. M.
2019
- **Transcription factor networks in aged naive CD4 T cells bias lineage differentiation.** *Aging cell*
Hu, B., Li, G., Ye, Z., Gustafson, C. E., Tian, L., Weyand, C. M., Goronzy, J. J.
2019: e12957
- **OSTEOPOROSIS AND RISK OF GIANT CELL ARTERITIS: A COMPARATIVE STUDY**
Le Pendu, C., Tchouante, P., Ly, K., Alexandra, J., Aslanbekova, N., Benali, K., Gonzalez-Chiappe, S., Lechtman, S., Sene, D., Weyand, C., Sacre, K., Mahr, A.
BMJ PUBLISHING GROUP.2019: 1760
- **CD28 AS A POTENTIAL THERAPEUTIC TARGET FOR GIANT CELL ARTERITIS**
Watanabe, R., Zhang, H., Berry, G., Nadler, S., Goronzy, J., Weyand, C.
BMJ PUBLISHING GROUP.2019: 146
- **CD28 Signaling Controls Metabolic Fitness of Pathogenic T Cells in Medium and Large Vessel Vasculitis** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Zhang, H., Watanabe, R., Berry, G. J., Nadler, S. G., Goronzy, J. J., Weyand, C. M.
2019; 73 (14): 1811–23
- **OSTEOPOROSIS AND RISK OF GIANT CELL ARTERITIS: A COMPARATIVE STUDY**
Le Pendu, C., Tchouante, P., Ly, K., Alexandra, J., Aslanbekova, N., Benali, K., Gonzalez-Chiappe, S., Lechtman, S., Sene, D., Weyand, C., Sacre, K., Mahr, A.
OXFORD UNIV PRESS.2019: 66
- **Cytokines, growth factors and proteases in medium and large vessel vasculitis.** *Clinical immunology (Orlando, Fla.)*
Weyand, C. M., Watanabe, R., Zhang, H., Akiyama, M., Berry, G. J., Goronzy, J. J.
2019
- **Functional pathways regulated by microRNA networks in CD8 T-cell aging** *AGING CELL*
Gustafson, C. E., Cavanagh, M. M., Jin, J., Weyand, C. M., Goronzy, J. J.
2019; 18 (1)
- **The metabolic signature of T cells in rheumatoid arthritis.** *Current opinion in rheumatology*
Weyand, C. M., Wu, B. n., Goronzy, J. J.
2019

- **Chronic inflammation in the etiology of disease across the life span.** *Nature medicine*
 Furman, D. n., Campisi, J. n., Verdin, E. n., Carrera-Bastos, P. n., Targ, S. n., Franceschi, C. n., Ferrucci, L. n., Gilroy, D. W., Fasano, A. n., Miller, G. W., Miller, A. H., Mantovani, A. n., Weyand, et al
 2019; 25 (12): 1822–32
- **Determinants governing T cell receptor α/β -chain pairing in repertoire formation of identical twins.** *Proceedings of the National Academy of Sciences of the United States of America*
 Tanno, H. n., Gould, T. M., McDaniel, J. R., Cao, W. n., Tanno, Y. n., Durrett, R. E., Park, D. n., Cate, S. J., Hildebrand, W. H., Dekker, C. L., Tian, L. n., Weyand, C. M., Georgiou, et al
 2019
- **Defects in Antiviral T Cell Responses Inflicted by Aging-Associated miR-181a Deficiency.** *Cell reports*
 Kim, C. n., Jadhav, R. R., Gustafson, C. E., Smithey, M. J., Hirsch, A. J., Uhrlaub, J. L., Hildebrand, W. H., Nikolich-Zugich, J. n., Weyand, C. M., Goronzy, J. J.
 2019; 29 (8): 2202–16.e5
- **Mechanisms underlying T cell ageing.** *Nature reviews. Immunology*
 Goronzy, J. J., Weyand, C. M.
 2019
- **Metabolic reprogramming in memory CD4 T cell responses of old adults.** *Clinical immunology (Orlando, Fla.)*
 Yanes, R. E., Zhang, H. n., Shen, Y. n., Weyand, C. M., Goronzy, J. J.
 2019
- **Neutrophil Extracellular Traps Induce Tissue-Invasive Monocytes in Granulomatosis With Polyangiitis.** *Frontiers in immunology*
 Akiyama, M. n., Zeisbrich, M. n., Ibrahim, N. n., Ohtsuki, S. n., Berry, G. J., Hwang, P. H., Goronzy, J. J., Weyand, C. M.
 2019; 10: 2617
- **Activation of miR-21-Regulated Pathways in Immune Aging Selects against Signatures Characteristic of Memory T Cells** *CELL REPORTS*
 Kim, C., Hu, B., Jadhav, R. R., Jin, J., Zhang, H., Cavanagh, M. M., Akondy, R. S., Ahmed, R., Weyand, C. M., Goronzy, J. J.
 2018; 25 (8): 2148+
- **Activation of miR-21-Regulated Pathways in Immune Aging Selects against Signatures Characteristic of Memory T Cells.** *Cell reports*
 Kim, C., Hu, B., Jadhav, R. R., Jin, J., Zhang, H., Cavanagh, M. M., Akondy, R. S., Ahmed, R., Weyand, C. M., Goronzy, J. J.
 2018; 25 (8): 2148
- **Glucose metabolism controls disease-specific signatures of macrophage effector functions.** *JCI insight*
 Watanabe, R., Hilhorst, M., Zhang, H., Zeisbrich, M., Berry, G. J., Wallis, B. B., Harrison, D. G., Giacomini, J. C., Goronzy, J. J., Weyand, C. M.
 2018; 3 (20)
- **Epigenetics of Tcell aging** *JOURNAL OF LEUKOCYTE BIOLOGY*
 Goronzy, J. J., Hu, B., Kim, C., Jadhav, R. R., Weyand, C. M.
 2018; 104 (4): 691–99
- **T follicular helper cell development and functionality in immune ageing.** *Clinical science (London, England : 1979)*
 Gustafson, C. E., Weyand, C. M., Goronzy, J. J.
 2018; 132 (17): 1925–35
- **T follicular helper cell development and functionality in immune ageing** *CLINICAL SCIENCE*
 Gustafson, C. E., Weyand, C. M., Goronzy, J. J.
 2018; 132 (17): 1925–35
- **Redox-sensitive signaling in inflammatory T cells and in autoimmune disease** *FREE RADICAL BIOLOGY AND MEDICINE*
 Weyand, C. M., Shen, Y., Goronzy, J. J.
 2018; 125: 36–43
- **Hypertension and increased endothelial mechanical stretch promote monocyte differentiation and activation: roles of STAT3, interleukin 6 and hydrogen peroxide** *CARDIOVASCULAR RESEARCH*
 Loperena, R., Van Beusecum, J. P., Itani, H. A., Engel, N., Laroumanie, F., Xiao, L., Elijevich, F., Laffer, C. L., Gnecco, J. S., Noonan, J., Maffia, P., Jasiewicz-Honkisz, B., Czesnikiewicz-Guzik, et al

2018; 114 (11): 1547–63

- **MMP (Matrix Metalloprotease)-9-Producing Monocytes Enable T Cells to Invade the Vessel Wall and Cause Vasculitis** *CIRCULATION RESEARCH*
Watanabe, R., Maeda, T., Zhang, H., Berry, G. J., Zeisbrich, M., Brockett, R., Greenstein, A. E., Tian, L., Goronzy, J. J., Weyand, C. M.
2018; 123 (6): 700–715
- **A Mitochondrial Checkpoint in Autoimmune Disease** *CELL METABOLISM*
Weyand, C. M., Goronzy, J. J.
2018; 28 (2): 185–86
- **Regulation of miR-181a expression in T cell aging.** *Nature communications*
Ye, Z., Li, G., Kim, C., Hu, B., Jadhav, R. R., Weyand, C. M., Goronzy, J. J.
2018; 9 (1): 3060
- **Regulation of miR-181a expression in T cell aging** *NATURE COMMUNICATIONS*
Ye, Z., Li, G., Kim, C., Hu, B., Jadhav, R. R., Weyand, C. M., Goronzy, J. J.
2018; 9
- **Matrix Metalloprotease-9 (MMP-9)-Producing Monocytes Enable T Cells to Invade the Vessel Wall and Cause Vasculitis.** *Circulation research*
Watanabe, R., Maeda, T., Zhang, H., Berry, G. J., Zeisbrich, M., Brockett, R. D., Greenstein, A. E., Tian, L., Goronzy, J., Weyand, C. M.
2018
- **Hypermetabolic macrophages in rheumatoid arthritis and coronary artery disease due to glycogen synthase kinase 3b inactivation** *ANNALS OF THE RHEUMATIC DISEASES*
Zeisbrich, M., Yanes, R. E., Zhang, H., Watanabe, R., Li, Y., Brosig, L., Hong, J., Wallis, B. B., Giacomini, J. C., Assimes, T. L., Goronzy, J. J., Weyand, C. M.
2018; 77 (7): 1053–62
- **Epigenetics of Tcell aging.** *Journal of leukocyte biology*
Goronzy, J. J., Hu, B., Kim, C., Jadhav, R. R., Weyand, C. M.
2018
- **DNA damage, metabolism and aging in pro-inflammatory T cells Rheumatoid arthritis as a model system** *EXPERIMENTAL GERONTOLOGY*
Li, Y., Goronzy, J. J., Weyand, C. M.
2018; 105: 118–27
- **Redox-sensitive signaling in inflammatory T cells and in autoimmune disease.** *Free radical biology & medicine*
Weyand, C. M., Shen, Y., Goronzy, J. J.
2018
- **Refractory Giant Cell Arteritis Complicated by Vision Loss From Optic Atrophy and Maculopathy Associated With Pachymeningitis** *JOURNAL OF NEURO-OPHTHALMOLOGY*
Uribe, J. A., Aggarwal, I., Witthayaweerasak, J., Liao, Y., Berry, G. J., Sab, U. K., Weyand, C. M.
2018; 38 (1): 17–23
- **The immunoinhibitory PD-1/PD-L1 pathway in inflammatory blood vessel disease**
Weyand, C. M., Berry, G. J., Goronzy, J. J.
WILEY.2018: 565–75
- **The immunoinhibitory PD-1/PD-L1 pathway in inflammatory blood vessel disease.** *Journal of leukocyte biology*
Weyand, C. M., Berry, G. J., Goronzy, J. J.
2018; 103 (3): 565–75
- **Hypermetabolic macrophages in rheumatoid arthritis and coronary artery disease due to glycogen synthase kinase 3b inactivation.** *Annals of the rheumatic diseases*
Zeisbrich, M., Yanes, R. E., Zhang, H., Watanabe, R., Li, Y., Brosig, L., Hong, J., Wallis, B. B., Giacomini, J. C., Assimes, T. L., Goronzy, J. J., Weyand, C. M.
2018
- **Functional pathways regulated by microRNA networks in CD8 T-cell aging.** *Aging cell*

- Gustafson, C. E., Cavanagh, M. M., Jin, J. n., Weyand, C. M., Goronzy, J. J.
2018: e12879
- **Comparative Analysis of the Macrophage Glycolytic Machinery in Giant Cell Arteritis (GCA) and in Coronary Artery Disease (CAD)**
Weyand, C. M., Watanabe, R., Shirai, T., Zhang, H., Berry, G., Goronzy, J.
WILEY.2017
 - **Metabolic Activity Sustains Macrophage Cytokine Production in Rheumatoid Arthritis and Coronary Artery Disease**
Weyand, C. M., Zeisbrich, M., Brosig, L., Wallis, B., Roche, N., Lin, J., Goronzy, J.
WILEY.2017
 - **Tissue-Invasive T Cells in Rheumatoid Arthritis**
Weyand, C. M., Shen, Y., Li, Y., Matteson, E. L., Goodman, S., Goronzy, J.
WILEY.2017
 - **The Microvascular Niche Instructs Pathogenic T Cells in Medium and Large Vessel Vasculitis**
Weyand, C. M., Wen, Z., Shen, Y., Berry, G., Liao, J., Goronzy, J.
WILEY.2017
 - **Immune Checkpoint Function of CD85j in CD8 T Cell Differentiation and Aging** *FRONTIERS IN IMMUNOLOGY*
Gustafson, C. E., Qi, Q., Hutter-Saunders, J., Gupta, S., Jadhav, R., Newell, E., Maecker, H., Weyand, C. M., Goronzy, J. J.
2017; 8: 692
 - **Metabolic signatures of T-cells and macrophages in rheumatoid arthritis** *CURRENT OPINION IN IMMUNOLOGY*
Weyand, C. M., Zeisbrich, M., Goronzy, J. J.
2017; 46: 112–20
 - **Immunometabolism in early and late stages of rheumatoid arthritis.** *Nature reviews. Rheumatology*
Weyand, C. M., Goronzy, J. J.
2017; 13 (5): 291-301
 - **Immune checkpoint dysfunction in large and medium vessel vasculitis.** *American journal of physiology. Heart and circulatory physiology*
Watanabe, R., Zhang, H., Berry, G., Goronzy, J. J., Weyand, C. M.
2017; 312 (5): H1052-H1059
 - **Immunometabolism in early and late stages of rheumatoid arthritis** *NATURE REVIEWS RHEUMATOLOGY*
Weyand, C. M., Goronzy, J. J.
2017; 13 (5): 1-11
 - **PKC-epsilon and TLR4 synergistically regulate resistin-mediated inflammation in human macrophages** *ATHEROSCLEROSIS*
Zuniga, M. C., Raghuraman, G., Hitchner, E., Weyand, C., Robinson, W., Zhou, W.
2017; 259: 51–59
 - **Response to Comment on "Diversification of the antigen-specific T cell receptor repertoire after varicella zoster vaccination".** *Science translational medicine*
Goronzy, J., Qi, Q., Weyand, C.
2017; 9 (382)
 - **Response to Comment on "Diversification of the antigen-specific T cell receptor repertoire after varicella zoster vaccination"** *SCIENCE TRANSLATIONAL MEDICINE*
Goronzy, J., Qi, Q., Weyand, C.
2017; 9 (382)
 - **Successful and Maladaptive T Cell Aging** *IMMUNITY*
Goronzy, J. J., Weyand, C. M.
2017; 46 (3): 364-378
 - **Clinical and pathological evolution of giant cell arteritis: a prospective study of follow-up temporal artery biopsies in 40 treated patients.** *Modern pathology*
Maleszewski, J. J., Younge, B. R., Fritzlen, J. T., Hunder, G. G., Goronzy, J. J., Warrington, K. J., Weyand, C. M.
2017

- **Epigenomics of human CD8 T cell differentiation and aging.** *Science immunology*
Moskowitz, D. M., Zhang, D. W., Hu, B., Le Saux, S., Yanes, R. E., Ye, Z., Buenrostro, J. D., Weyand, C. M., Greenleaf, W. J., Goronzy, J. J.
2017; 2 (8)
- **Epigenomics of human CD8 T cell differentiation and aging** *SCIENCE IMMUNOLOGY*
Moskowitz, D. M., Zhang, D. W., Hu, B., Le Saux, S., Yanes, R. E., Ye, Z., Buenrostro, J. D., Weyand, C. M., Greenleaf, W. J., Goronzy, J. J.
2017; 2 (8)
- **Lymphocyte generation and population homeostasis throughout life** *SEMINARS IN HEMATOLOGY*
Yanes, R. E., Gustafson, C. E., Weyand, C. M., Goronzy, J. J.
2017; 54 (1): 33-38
- **Pyruvate controls the checkpoint inhibitor PD-L1 and suppresses T cell immunity.** *The Journal of clinical investigation*
Watanabe, R. n., Shirai, T. n., Namkoong, H. n., Zhang, H. n., Berry, G. J., Wallis, B. B., Schaeffgen, B. n., Harrison, D. G., Tremmel, J. A., Giacomini, J. C., Goronzy, J. J., Weyand, C. M.
2017; 127 (7): 2725-38
- **The life cycle of a T cell after vaccination - where does immune ageing strike?** *CLINICAL AND EXPERIMENTAL IMMUNOLOGY*
Kim, C., Fang, F., Weyand, C. M., Goronzy, J. J.
2017; 187 (1): 71-81
- **Aging of the Immune System. Mechanisms and Therapeutic Targets.** *Annals of the American Thoracic Society*
Weyand, C. M., Goronzy, J. J.
2016; 13: S422-S428
- **Editorial: Vascular inflammation in Systemic Autoimmunity** *FRONTIERS IN IMMUNOLOGY*
Ramirez, G. A., Weyand, C., Vaglio, A., Manfredi, A. A.
2016; 7: 471
- **Adaptive Immunity Dysregulation in Acute Coronary Syndromes From Cellular and Molecular Basis to Clinical Implications** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Flego, D., Liuzzo, G., Weyand, C. M., Crea, F.
2016; 68 (19): 2107-2117
- **Defective T Memory Cell Differentiation after Varicella Zoster Vaccination in Older Individuals.** *PLoS pathogens*
Qi, Q., Cavanagh, M. M., Le Saux, S., Wagar, L. E., Mackey, S., Hu, J., Maecker, H., Swan, G. E., Davis, M. M., Dekker, C. L., Tian, L., Weyand, C. M., Goronzy, et al
2016; 12 (10)
- **PD-1-Expressing T Cells in GCA Fail to Promote Immune Tolerance Functions**
Watanabe, R., Zhang, H., Hosgur, E., Berry, G., Goronzy, J., Weyand, C. M.
WILEY.2016
- **Switching from Anabolic to Catabolic Metabolism - a Novel Immunomodulatory Therapy in RA**
Yang, Z., Shen, Y., Matteson, E. L., Hosgur, E., Hong, J., Goronzy, J., Weyand, C. M.
WILEY.2016
- **Pro-inflammatory and anti-inflammatory T cells in giant cell arteritis.** *Joint, bone, spine : revue du rhumatisme*
Watanabe, R., Hosgur, E., Zhang, H., Wen, Z., Berry, G., Goronzy, J. J., Weyand, C. M.
2016
- **Activation of Human T Cells in Hypertension Studies of Humanized Mice and Hypertensive Humans** *HYPERTENSION*
Itani, H. A., McMaster, W. G., Saleh, M. A., Nazarewicz, R. R., Mikolajczyk, T. P., Kaszuba, A. M., Konior, A., Prejbisz, A., Januszewicz, A., Norlander, A. E., Chen, W., Bonami, R. H., Marshall, et al
2016; 68 (1): 123-?
- **The life cycle of a T cell after vaccination - where does immune ageing strike?** *Clinical and experimental immunology*
Kim, C., Fang, F., Weyand, C. M., Goronzy, J. J.
2016

- **Giant Cell Arteritis: From Pathogenesis to Therapeutic Management.** *Current treatment options in rheumatology*
Watanabe, R., Goronzy, J. J., Berry, G., Liao, Y. J., Weyand, C. M.
2016; 2 (2): 126-137
- **Systems analysis of microRNAs reveals a novel link between CD8 T cell dysfunction and TGF-beta signaling in immune aging**
Gustafson, C., Cavanagh, M., Hui, B., Zhang, D., Weyand, C. M., Goronzy, J. J.
AMER ASSOC IMMUNOLOGISTS.2016
- **Immune activation caused by vascular oxidation promotes fibrosis and hypertension.** *journal of clinical investigation*
Wu, J., Saleh, M. A., Kirabo, A., Itani, H. A., Montaniel, K. R., Xiao, L., Chen, W., Mernaugh, R. L., Cai, H., Bernstein, K. E., Goronzy, J. J., Weyand, C. M., Curci, et al
2016; 126 (4): 1607-?
- **Diversification of the antigen-specific T cell receptor repertoire after varicella zoster vaccination.** *Science translational medicine*
Qi, Q., Cavanagh, M. M., Le Saux, S., Namkoong, H., Kim, C., Turgano, E., Liu, Y., Wang, C., Mackey, S., Swan, G. E., Dekker, C. L., Olshen, R. A., Boyd, et al
2016; 8 (332): 332ra46-?
- **Expression of CD39 on Activated T Cells Impairs their Survival in Older Individuals** *CELL REPORTS*
Fang, F., Yu, M., Cavanagh, M. M., Saunders, J. H., Qi, Q., Ye, Z., Le Saux, S., Sultan, W., Turgano, E., Dekker, C. L., Tian, L., Weyand, C. M., Goronzy, et al
2016; 14 (5): 1218-1231
- **Expression of CD39 on Activated T Cells Impairs their Survival in Older Individuals.** *Cell reports*
Fang, F., Yu, M., Cavanagh, M. M., Hutter Saunders, J., Qi, Q., Ye, Z., Le Saux, S., Sultan, W., Turgano, E., Dekker, C. L., Tian, L., Weyand, C. M., Goronzy, et al
2016; 14 (5): 1218-1231
- **Immune activation caused by vascular oxidation promotes fibrosis and hypertension** *JOURNAL OF CLINICAL INVESTIGATION*
Wu, J., Saleh, M. A., Kirabo, A., Itani, H. A., Montaniel, K. R., Xiao, L., Chen, W., Mernaugh, R. L., Cai, H., Bernstein, K. E., Goronzy, J. J., Weyand, C. M., Curci, et al
2016; 126 (1): 50-67
- **Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)** *AUTOPHAGY*
Klionsky, D. J., Abdelmohsen, K., Abe, A., Abedin, M. J., Abeliovich, H., Arozena, A. A., Adachi, H., Adams, C. M., Adams, P. D., Adeli, K., Adhihetty, P. J., Adler, S. G., Agam, et al
2016; 12 (1): 1-222
- **High-throughput sequencing insights into T-cell receptor repertoire diversity in aging** *GENOME MEDICINE*
Goronzy, J. J., Qi, Q., Olshen, R. A., Weyand, C. M.
2015; 7: 117
- **Accelerated atherosclerosis in patients with chronic inflammatory rheumatologic conditions.** *International journal of clinical rheumatology*
Hong, J., Maron, D. J., Shirai, T., Weyand, C. M.
2015; 10 (5): 365-381
- **Endothelial Cells Regulate Proinflammatory T Cell Responses in Large Vessel Vasculitis Via NOTCH-NOTCH Ligand Interactions**
Wen, Z., Zhang, H., Liao, J., Berry, G., Forbess, L. J., Weissman, M., Goronzy, J., Weyand, C. M.
WILEY-BLACKWELL.2015
- **Failure in Nutrient Sensing Supports mTOR Hyperactivity and Proinflammatory Functions in T Cells from Patients with Rheumatoid Arthritis**
Yang, Z., Matteson, E. L., Hong, J., Goronzy, J., Weyand, C. M.
WILEY-BLACKWELL.2015
- **Enhanced Oxidant Signaling in Inflammatory Macrophages in Rheumatoid Arthritis (RA) and in Coronary Artery Disease (CAD)**
Shirai, T., Schaefgen, B., Wallis, B., Matteson, E. L., Assimes, T. L., Harrison, D. G., Goronzy, J., Weyand, C. M.
WILEY-BLACKWELL.2015
- **Age-Associated Failure To Adjust Type I IFN Receptor Signaling Thresholds after T Cell Activation** *JOURNAL OF IMMUNOLOGY*
Li, G., Ju, J., Weyand, C. M., Goronzy, J. J.

2015; 195 (3): 865-874

- **Age-Associated Failure To Adjust Type I IFN Receptor Signaling Thresholds after T Cell Activation.** *Journal of immunology (Baltimore, Md. : 1950)*
Li, G., Ju, J., Weyand, C. M., Goronzy, J. J.
2015; 195 (3): 865-74
- **Large-Scale and Comprehensive Immune Profiling and Functional Analysis of Normal Human Aging** *PLOS ONE*
Whiting, C. C., Siebert, J., Newman, A. M., Du, H., Alizadeh, A. A., Goronzy, J., Weyand, C. M., Krishnan, E., Fathman, C. G., Maecker, H. T.
2015; 10 (7)
- **Autophagy in autoimmune disease** *JOURNAL OF MOLECULAR MEDICINE-JMM*
Yang, Z., Goronzy, J. J., Weyand, C. M.
2015; 93 (7): 707-717
- **Naive T Cell Maintenance and Function in Human Aging** *JOURNAL OF IMMUNOLOGY*
Goronzy, J. J., Fang, F., Cavanagh, M. M., Qi, Q., Weyand, C. M.
2015; 194 (9): 4073-4080
- **Macrophages in vascular inflammation - From atherosclerosis to vasculitis** *AUTOIMMUNITY*
Shirai, T., Hilhorst, M., Harrison, D. G., Goronzy, J. J., Weyand, C. M.
2015; 48 (3): 139-151
- **Cardiorheumatology: cardiac involvement in systemic rheumatic disease** *NATURE REVIEWS CARDIOLOGY*
Prasad, M., Hermann, J., Gabriel, S. E., Weyand, C. M., Mulvagh, S., Mankad, R., Oh, J. K., Matteson, E. L., Lerman, A.
2015; 12 (3): 168-176
- **T-cell metabolism in autoimmune disease** *ARTHRITIS RESEARCH & THERAPY*
Yang, Z., Matteson, E. L., Goronzy, J. J., Weyand, C. M.
2015; 17
- **Serpin Treatment Suppresses Inflammatory Vascular Lesions in Temporal Artery Implants (TAI) from Patients with Giant Cell Arteritis** *PLOS ONE*
Chen, H., Zheng, D., Ambadapadi, S., Davids, J., Ryden, S., Samy, H., Bartee, M., Sobel, E., Dai, E., Liu, L., Macaulay, C., Yachnis, A., Weyand, et al
2015; 10 (2)
- **Visual Manifestations in Giant Cell Arteritis: Trend over 5 Decades in a Population-based Cohort.** *journal of rheumatology*
Singh, A. G., Kermani, T. A., Crowson, C. S., Weyand, C. M., Matteson, E. L., Warrington, K. J.
2015; 42 (2): 309-315
- **Large-Scale and Comprehensive Immune Profiling and Functional Analysis of Normal Human Aging.** *PloS one*
Whiting, C. C., Siebert, J., Newman, A. M., Du, H., Alizadeh, A. A., Goronzy, J., Weyand, C. M., Krishnan, E., Fathman, C. G., Maecker, H. T.
2015; 10 (7)
- **T-cell metabolism in autoimmune disease.** *Arthritis research & therapy*
Yang, Z., Matteson, E. L., Goronzy, J. J., Weyand, C. M.
2015; 17: 29-?
- **Giant-cell arteritis and polymyalgia rheumatica.** *New England journal of medicine*
Weyand, C. M., Goronzy, J. J.
2014; 371 (17): 1653-?
- **Distinct Profiles of Proinflammatory Macrophages in Rheumatoid Arthritis and Coronary Artery Disease.**
Shirai, T., Matteson, E. L., Harrison, D. G., Wallis, B. B., Assimes, T. L., Goronzy, J. J., Weyand, C. M.
WILEY-BLACKWELL.2014: S187
- **T cell-macrophage interactions and granuloma formation in vasculitis** *FRONTIERS IN IMMUNOLOGY*
Hilhorst, M., Shirai, T., Berry, G., Goronzy, J. J., Weyand, C. M.
2014; 5: 1-14

- **Diversity and clonal selection in the human T-cell repertoire** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Qi, Q., Liu, Y., Cheng, Y., Glanville, J., Zhang, D., Lee, J., Olshen, R. A., Weyand, C. M., Boyd, S. D., Goronzy, J. J.
2014; 111 (36): 13139-13144
- **Diversity and clonal selection in the human T-cell repertoire.** *Proceedings of the National Academy of Sciences of the United States of America*
Qi, Q., Liu, Y., Cheng, Y., Glanville, J., Zhang, D., Lee, J., Olshen, R. A., Weyand, C. M., Boyd, S. D., Goronzy, J. J.
2014; 111 (36): 13139-13144
- **Clinical practice. Giant-cell arteritis and polymyalgia rheumatica.** *New England journal of medicine*
Weyand, C. M., Goronzy, J. J.
2014; 371 (1): 50-57
- **Giant-Cell Arteritis and Polymyalgia Rheumatica** *NEW ENGLAND JOURNAL OF MEDICINE*
Weyand, C. M., Goronzy, J. J.
2014; 371 (1): 50-57
- **Mechanisms shaping the naïve T cell repertoire in the elderly - Thymic involution or peripheral homeostatic proliferation?** *Experimental gerontology*
Qi, Q., Zhang, D. W., Weyand, C. M., Goronzy, J. J.
2014; 54: 71-74
- **Targets of Immune Regeneration in Rheumatoid Arthritis** *MAYO CLINIC PROCEEDINGS*
Hohensinner, P. J., Goronzy, J. J., Weyand, C. M.
2014; 89 (4): 563-575
- **The glycolytic enzyme PFKFB3/phosphofructokinase regulates autophagy.** *Autophagy*
Yang, Z., Goronzy, J. J., Weyand, C. M.
2014; 10 (2): 382-383
- **Regulatory T Cells and the Immune Aging Process: A Mini-Review** *GERONTOLOGY*
Jagger, A., Shimojima, Y., Goronzy, J. J., Weyand, C. M.
2014; 60 (2): 130-137
- **T cell-macrophage interactions and granuloma formation in vasculitis.** *Frontiers in immunology*
Hilhorst, M., Shirai, T., Berry, G., Goronzy, J. J., Weyand, C. M.
2014; 5: 432-?
- **T-cell aging in rheumatoid arthritis** *CURRENT OPINION IN RHEUMATOLOGY*
Weyand, C. M., Yang, Z., Goronzy, J. J.
2014; 26 (1): 93-100
- **Immune mechanisms in medium and large-vessel vasculitis** *NATURE REVIEWS RHEUMATOLOGY*
Weyand, C. M., Goronzy, J. J.
2013; 9 (12): 731-740
- **JAK/STAT-Signaling in Giant Cell Arteritis**
Hartmann, B., Mohan, S. V., Goronzy, J. J., Weyand, C. M.
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Phosphofructokinase deficiency impairs ATP generation, autophagy, and redox balance in rheumatoid arthritis T cells.** *journal of experimental medicine*
Yang, Z., Fujii, H., Mohan, S. V., Goronzy, J. J., Weyand, C. M.
2013; 210 (10): 2119-2134
- **Understanding immunosenescence to improve responses to vaccines** *NATURE IMMUNOLOGY*
Goronzy, J. J., Weyand, C. M.
2013; 14 (5): 428-436
- **IL-7-and IL-15-Mediated TCR Sensitization Enables T Cell Responses to Self-Antigens** *JOURNAL OF IMMUNOLOGY*

- Deshpande, P., Cavanagh, M. M., Le Saux, S., Singh, K., Weyand, C. M., Goronzy, J. J.
2013; 190 (4): 1416-1423
- **The janus head of T cell aging - autoimmunity and immunodeficiency.** *Frontiers in immunology*
Goronzy, J. J., Li, G., Yang, Z., Weyand, C. M.
2013; 4: 131-?
 - **The Janus head of T cell aging - autoimmunity and immunodeficiency** *FRONTIERS IN IMMUNOLOGY*
Goronzy, J. J., Li, G., Yang, Z., Weyand, C. M.
2013; 4
 - **Decline in miR-181a expression with age impairs T cell receptor sensitivity by increasing DUSP6 activity** *NATURE MEDICINE*
Li, G., Yu, M., Lee, W., Tsang, M., Krishnan, E., Weyand, C. M., Goronzy, J. J.
2012; 18 (10): 1518-U113
 - **Visual Manifestations in Giant Cell Arteritis: Trend Over Five Decades**
Singh, A. G., Crowson, C. S., Kermani, T. A., Weyand, C. M., Matteson, E. L., Warrington, K. J.
WILEY-BLACKWELL.2012: S993
 - **Metabolic Reprogramming of Autoimmune T Cells in Rheumatoid Arthritis** *Annual Scientific Meeting of the American-College-of-Rheumatology (ACR) and Association-of-Rheumatology-Health-Professionals (ARHP)*
Yang, Z., Fujii, H., Mohan, S., Goronzy, J. J., Weyand, C. M.
WILEY-BLACKWELL.2012: S1130-S1131
 - **Signaling pathways in aged T cells - A reflection of T cell differentiation, cell senescence and host environment** *SEMINARS IN IMMUNOLOGY*
Goronzy, J. J., Li, G., Yu, M., Weyand, C. M.
2012; 24 (5): 365-372
 - **The Immunopathology of Giant Cell Arteritis: Diagnostic and Therapeutic Implications** *JOURNAL OF NEURO-OPHTHALMOLOGY*
Weyand, C. M., Liao, Y. J., Goronzy, J. J.
2012; 32 (3): 259-265
 - **CD8(+) CD45RA(+) CCR7(+) FOXP3(+) T Cells with Immunosuppressive Properties: A Novel Subset of Inducible Human Regulatory T Cells** *JOURNAL OF IMMUNOLOGY*
Suzuki, M., Jagger, A. L., Konya, C., Shimojima, Y., Pryshchep, S., Goronzy, J. J., Weyand, C. M.
2012; 189 (5): 2118-2130
 - **Chronic inflammation and aging: DNA damage tips the balance** *CURRENT OPINION IN IMMUNOLOGY*
Cavanagh, M. M., Weyand, C. M., Goronzy, J. J.
2012; 24 (4): 488-493
 - **K-RAS GTPase- and B-Raf kinase-mediated T-cell tolerance defects in rheumatoid arthritis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Singh, K., Deshpande, P., Li, G., Yu, M., Pryshchep, S., Cavanagh, M., Weyand, C. M., Goronzy, J. J.
2012; 109 (25): E1629-E1637
 - **Immune aging and autoimmunity** *CELLULAR AND MOLECULAR LIFE SCIENCES*
Goronzy, J. J., Weyand, C. M.
2012; 69 (10): 1615-1623
 - **Signal inhibition by the dual-specific phosphatase 4 impairs T cell-dependent B-cell responses with age** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Yu, M., Li, G., Lee, W., Yuan, M., Cui, D., Weyand, C., Goronzy, J. J.
2012; 109 (15): E879-E888
 - **Dampened ERK signaling in hematopoietic progenitor cells in rheumatoid arthritis** *CLINICAL IMMUNOLOGY*
Colmegna, I., Pryshchep, S., Oishi, H., Goronzy, J. J., Weyand, C. M.
2012; 143 (1): 73-82

- **Dynamic Immune Cell Accumulation During Flow-Induced Atherogenesis in Mouse Carotid Artery An Expanded Flow Cytometry Method** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
Alberts-Grill, N., Rezvan, A., Son, D. J., Qiu, H., Kim, C. W., Kemp, M. L., Weyand, C. M., Jo, H.
2012; 32 (3): 623-U217
- **Mechanisms of immunosenescence: lessons from models of accelerated immune aging** *YEAR IN IMMUNOLOGY*
Le Saux, S., Weyand, C. M., Goronzy, J. J.
2012; 1247: 69-82
- **Telomere dysfunction, autoimmunity and aging.** *Aging and disease*
Hohensinner, P. J., Goronzy, J. J., Weyand, C. M.
2011; 2 (6): 524-537
- **Telomere Dysfunction, Autoimmunity and Aging** *AGING AND DISEASE*
Hohensinner, P. J., Goronzy, J. J., Weyand, C. M.
2011; 2 (6): 524-537
- **Serpin Treatment Reduces Inflammation in Transplanted Temporal Artery Biopsy Specimens from Patients with Suspected Giant Cell Arteritis in Immunodeficient Mice**
Chen, H., Zheng, D., Dai, E., Liu, L., Samy, H., Staples, N., Beaver, T., Hess, P., Martin, T., Klodel, C., Ryden, S., Weyand, C. M., Reeves, et al
LIPPINCOTT WILLIAMS & WILKINS.2011
- **The Role of CD8+T Cells, IP-10 and MMP12 in Hypertension**
Thabet, S. R., Wu, J., Chen, W., Marvar, P., Gongora, M. C., Madhur, M. S., Blinder, Y., Weyand, C., Harrison, D. G.
LIPPINCOTT WILLIAMS & WILKINS.2011: E49–E50
- **Finding Balance: T cell Regulatory Receptor Expression during Aging.** *Aging and disease*
Cavanagh, M. M., Qi, Q., Weyand, C. M., Goronzy, J. J.
2011; 2 (5): 398-413
- **Finding Balance: T cell Regulatory Receptor Expression during Aging** *AGING AND DISEASE*
Cavanagh, M. M., Qi, Q., Weyand, C. M., Goronzy, J. J.
2011; 2 (5): 398-413
- **Magnetic Resonance Angiography in Extracranial Giant Cell Arteritis** *JCR-JOURNAL OF CLINICAL RHEUMATOLOGY*
Koenigkam-Santos, M., Sharma, P., Kalb, B., Oshinski, J. N., Weyand, C. M., Goronzy, J. J., Martin, D. R.
2011; 17 (6): 306-310
- **Inflammation and cardiac outcome** *CURRENT OPINION IN INFECTIOUS DISEASES*
Hohensinner, P. J., Niessner, A., Huber, K., Weyand, C. M., Wojta, J.
2011; 24 (3): 259-264
- **Role of Increased Guanosine Triphosphate Cyclohydrolase-1 Expression and Tetrahydrobiopterin Levels upon T Cell Activation** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Chen, W., Li, L., Brod, T., Saeed, O., Thabet, S., Jansen, T., Dikalov, S., Weyand, C., Goronzy, J., Harrison, D. G.
2011; 286 (16): 13846-13851
- **Regulation of T cell receptor signaling by activation-induced zinc influx** *JOURNAL OF EXPERIMENTAL MEDICINE*
Yu, M., Lee, W., Tomar, D., Pryshchep, S., Czesnikiewicz-Guzik, M., Lamar, D. L., Li, G., Singh, K., Tian, L., Weyand, C. M., Goronzy, J. J.
2011; 208 (4): 775-785
- **The role of CD8+T lymphocytes, IP-10 and MMP12 in hypertension**
Thabet, S., Wu, J., Blinder, Y., Chen, W., Madhur, M. S., Gongora, M. C., Weyand, C., Harrison, D. G.
FEDERATION AMER SOC EXP BIOL.2011
- **Mechanisms of defective T cell-dependent B cell responses with age**
Yu, M., Li, G., Lee, W., Yuan, M., Weyand, C., Goronzy, J.
AMER ASSOC IMMUNOLOGISTS.2011
- **Regulation of T-cell receptor signaling by activation-induced zinc influx**

Lee, W., Yu, M., Tomar, D., Li, G., Czesnikiewicz-Guzik, M., Pryshchep, S., Lamar, D., Singh, K., Weyand, C., Goronzy, J.
AMER ASSOC IMMUNOLOGISTS.2011

- **Extra-telomeric function of telomerase in rheumatoid arthritis**
Shao, L., Fujii, H., Grisar, J., Jorg, G., Weyand, C.
AMER ASSOC IMMUNOLOGISTS.2011
- **Inflammation, Immunity, and Hypertension** *HYPERTENSION*
Harrison, D. G., Guzik, T. J., Lob, H. E., Madhur, M. S., Marvar, P. J., Thabet, S. R., Vinh, A., Weyand, C. M.
2011; 57 (2): 132-140
- **Haematopoietic stem and progenitor cells in rheumatoid arthritis** *RHEUMATOLOGY*
Colmegna, I., Weyand, C. M.
2011; 50 (2): 252-260
- **Giant cell arteritis: immune and vascular aging as disease risk factors** *ARTHRITIS RESEARCH & THERAPY*
Mohan, S. V., Liao, Y. J., Kim, J. W., Goronzy, J. J., Weyand, C. M.
2011; 13 (4)
- **IFN-gamma and IL-17: the two faces of T-cell pathology in giant cell arteritis** *CURRENT OPINION IN RHEUMATOLOGY*
Weyand, C. M., Younge, B. R., Goronzy, J. J.
2011; 23 (1): 43-49
- **Inhibition and Genetic Ablation of the B7/CD28 T-Cell Costimulation Axis Prevents Experimental Hypertension** *CIRCULATION*
Vinh, A., Chen, W., Blinder, Y., Weiss, D., Taylor, W. R., Goronzy, J. J., Weyand, C. M., Harrison, D. G., Guzik, T. J.
2010; 122 (24): 2529-2537
- **Statins reduce endothelial cell apoptosis via inhibition of TRAIL expression on activated CD4 T cells in acute coronary syndrome** *ATHEROSCLEROSIS*
Sato, K., Nuki, T., Gomita, K., Weyand, C. M., Hagiwara, N.
2010; 213 (1): 33-39
- **Th17 Cells in Takayasu Arteritis** *Scientific Sessions on Arteriosclerosis, Thrombosis and Vascular Biology*
Deng, J., Younge, B. R., Goronzy, J., Weyand, C. M.
LIPPINCOTT WILLIAMS & WILKINS.2010: E198-E198
- **Central and Peripheral Mechanisms of T-Lymphocyte Activation and Vascular Inflammation Produced by Angiotensin II-Induced Hypertension** *CIRCULATION RESEARCH*
Marvar, P. J., Thabet, S. R., Guzik, T. J., Lob, H. E., McCann, L. A., Weyand, C., Gordon, F. J., Harrison, D. G.
2010; 107 (2): 263-U186
- **Immune Aging and Rheumatoid Arthritis** *RHEUMATIC DISEASE CLINICS OF NORTH AMERICA*
Goronzy, J. J., Shao, L., Weyand, C. M.
2010; 36 (2): 297-?
- **Promoter choice and translational repression determine cell type-specific cell surface density of the inhibitory receptor CD85j expressed on different hematopoietic lineages** *BLOOD*
Lamar, D. L., Weyand, C. M., Goronzy, J. J.
2010; 115 (16): 3278-3286
- **Loss of miR-181a-mediated DUSP6 repression increases the TCR threshold of naive CD4 T cells in the elderly**
Li, G., Yu, M., Lee, W., Weyand, C., Goronzy, J.
AMER ASSOC IMMUNOLOGISTS.2010
- **Insufficient Deactivation of the Protein Tyrosine Kinase Lck Amplifies T-Cell Responsiveness in Acute Coronary Syndrome** *CIRCULATION RESEARCH*
Pryshchep, S., Goronzy, J. J., Parashar, S., Weyand, C. M.
2010; 106 (4): 769-U269
- **Induction of Hypertension and Peripheral Inflammation by Reduction of Extracellular Superoxide Dismutase in the Central Nervous System** *HYPERTENSION*

- Lob, H. E., Marvar, P. J., Guzik, T. J., Sharma, S., McCann, L. A., Weyand, C., Gordon, F. J., Harrison, D. G.
2010; 55 (2): 277-U143
- **Telomeres and Immunological Diseases of Aging** *GERONTOLOGY*
Andrews, N. P., Fujii, H., Goronzy, J. J., Weyand, C. M.
2010; 56 (4): 390-403
 - **Vasculitis in Systemic Sclerosis** *INTERNATIONAL JOURNAL OF RHEUMATOLOGY*
Kao, L., Weyand, C.
2010: 385938
 - **Dendritic cells in atherosclerotic disease** *CLINICAL IMMUNOLOGY*
Niessner, A., Weyand, C. M.
2010; 134 (1): 25-32
 - **ERK-Dependent T Cell Receptor Threshold Calibration in Rheumatoid Arthritis** *JOURNAL OF IMMUNOLOGY*
Singh, K., Deshpande, P., Pryshchep, S., Colmegna, I., Liarski, V., Weyand, C. M., Goronzy, J. J.
2009; 183 (12): 8258-8267
 - **Epigenetic regulation of killer immunoglobulin-like receptor expression in T cells** *BLOOD*
Li, G., Yu, M., Weyand, C. M., Goronzy, J. J.
2009; 114 (16): 3422-3430
 - **Rejuvenating the immune system in rheumatoid arthritis** *NATURE REVIEWS RHEUMATOLOGY*
Weyand, C. M., Fujii, H., Shao, L., Goronzy, J. J.
2009; 5 (10): 583-588
 - **Treating autoimmune disease by targeting CD8(+) T suppressor cells** *EXPERT OPINION ON BIOLOGICAL THERAPY*
Konya, C., Goronzy, J. J., Weyand, C. M.
2009; 9 (8): 951-965
 - **Clinicopathologic Correlations in Giant Cell Arteritis A Retrospective Study of 107 Cases** *OPHTHALMOLOGY*
Zhou, L., Luneau, K., Weyand, C. M., Bioussé, V., Newman, N. J., Grossniklaus, H. E.
2009; 116 (8): 1574-1580
 - **Deficiency of the DNA repair enzyme ATM in rheumatoid arthritis** *JOURNAL OF EXPERIMENTAL MEDICINE*
Shao, L., Fujii, H., Colmegna, I., Oishi, H., Goronzy, J. J., Weyand, C. M.
2009; 206 (6): 1435-1449
 - **Telomerase insufficiency in rheumatoid arthritis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Fujii, H., Shao, L., Colmegna, I., Goronzy, J. J., Weyand, C. M.
2009; 106 (11): 4360-4365
 - **Pathogenesis of medium- and large-vessel vasculitis** *ZEITSCHRIFT FÜR RHEUMATOLOGIE*
Weyand, C. M., Goronzy, J. J.
2009; 68 (2): 100-?
 - **Toll-Like Receptors 4 and 5 Induce Distinct Types of Vasculitis** *CIRCULATION RESEARCH*
Deng, J., Ma-Krupa, W., Gewirtz, A. T., Younge, B. R., Goronzy, J. J., Weyand, C. M.
2009; 104 (4): 488-U139
 - **Regulation of T-cell function by endogenously produced angiotensin II** *10th Annual Meeting for the New Research in Cardiovascular and Kidney Diseases*
Hoch, N. E., Guzik, T. J., Chen, W., Deans, T., Maalouf, S. A., Gratzke, P., Weyand, C., Harrison, D. G.
AMER PHYSIOLOGICAL SOC.2009: R208–R216
 - **Developments in the scientific understanding of rheumatoid arthritis** *ARTHRITIS RESEARCH & THERAPY*
Goronzy, J. J., Weyand, C. M.
2009; 11 (5)

- **Vascular damage in giant cell arteritis** *AUTOIMMUNITY*
Piggott, K., Biousse, V., Newman, N. J., Goronzy, J. J., Weyand, C. M.
2009; 42 (7): 596-604
- **Age-Dependent Signature of Metallothionein Expression in Primary CD4 T Cell Responses Is Due to Sustained Zinc Signaling** *REJUVENATION RESEARCH*
Lee, W., Cui, D., Czesnikiewicz-Guzik, M., Vencio, R. Z., Shmulevich, I., Aderem, A., Weyand, C. M., Goronzy, J. J.
2008; 11 (6): 1001-1011
- **Inhibitory CD8(+) T cells in autoimmune disease** *HUMAN IMMUNOLOGY*
Suzuki, M., Konya, C., Goronzy, J. J., Weyand, C. M.
2008; 69 (11): 781-789
- **Is hypertension an immunologic disease?** *Current cardiology reports*
Harrison, D. G., Guzik, T. J., Goronzy, J., Weyand, C.
2008; 10 (6): 464-469
- **T-cell co-stimulatory pathways in autoimmunity** *ARTHRITIS RESEARCH & THERAPY*
Goronzy, J. J., Weyand, C. M.
2008; 10
- **T cells in arteritis and atherosclerosis** *CURRENT OPINION IN LIPIDOLOGY*
Weyand, C. M., Younge, B. R., Goronzy, J. J.
2008; 19 (5): 469-477
- **Vessel-specific Toll-like receptor profiles in human medium and large arteries** *CIRCULATION*
Pryshchep, O., Ma-Krupa, W., Younge, B. R., Goronzy, J. J., Weyand, C. M.
2008; 118 (12): 1276-1284
- **Epigenetic mechanisms of age-dependent KIR2DL4 expression in T cells** *JOURNAL OF LEUKOCYTE BIOLOGY*
Li, G., Weyand, C. M., Goronzy, J. J.
2008; 84 (3): 824-834
- **The treatment of giant cell arteritis.** *Reviews in neurological diseases*
Fraser, J. A., Weyand, C. M., Newman, N. J., Biousse, V.
2008; 5 (3): 140-152
- **Defective proliferative capacity and accelerated telomeric loss of hematopoietic progenitor cells in rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Colmegna, I., Diaz-Borjon, A., Fujii, H., Schaefer, L., Goronzy, J. J., Weyand, C. M.
2008; 58 (4): 990-1000
- **TLR-mediated induction of negative regulatory ligands on dendritic cells** *JOURNAL OF MOLECULAR MEDICINE-JMM*
Groschel, S., Piggott, K. D., Vaglio, A., Ma-Krupa, W., Singh, K., Goronzy, J. J., Weyand, C. M.
2008; 86 (4): 443-455
- **T cell subset-specific susceptibility to aging** *CLINICAL IMMUNOLOGY*
Czesnikiewicz-Guzik, M., Lee, W., Cui, D., Hiruma, Y., Lamar, D. L., Yang, Z., Ouslander, J. G., Weyand, C. M., Goronzy, J. J.
2008; 127 (1): 107-118
- **Vessel wall-embedded dendritic cells induce T-Cell autoreactivity and initiate vascular inflammation** *CIRCULATION RESEARCH*
Han, J. W., Shimada, K., Ma-Krupa, W., Johnson, T. L., Nerem, R. M., Goronzy, J. J., Weyand, C. M.
2008; 102 (5): 546-553
- **Synoviocyte stimulation by the LFA-1-intercellular adhesion molecule-2-Ezrin-Akt pathway in rheumatoid arthritis** *JOURNAL OF IMMUNOLOGY*
Singh, K., Colmegna, I., He, X., Weyand, C. M., Goronzy, J. J.
2008; 180 (3): 1971-1978
- **Synergistic proinflammatory effects of the antiviral cytokine interferon-alpha and toll-like receptor 4 ligands in the atherosclerotic plaque** *CIRCULATION*

- Niessner, A., Shin, M. S., Pryshchep, O., Goronzy, J. J., Chaikof, E. L., Weyand, C. M.
2007; 116 (18): 2043-2052
- **Fractalkine mediates T cell-dependent proliferation of synovial fibroblasts in rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Sawai, H., Park, Y. W., He, X., Goronzy, J. J., Weyand, C. M.
2007; 56 (10): 3215-3225
 - **Role of the T cell in the genesis of angiotensin II-induced hypertension and vascular dysfunction** *JOURNAL OF EXPERIMENTAL MEDICINE*
Guzik, T. J., Hoch, N. E., Brown, K. A., McCann, L. A., Rahman, A., Dikalov, S., Goronzy, J., Weyand, C., Harrison, D. G.
2007; 204 (10): 2449-2460
 - **Unchecked CD70 expression on T cells lowers threshold for T cell activation in rheumatoid arthritis** *JOURNAL OF IMMUNOLOGY*
Lee, W., Yang, Z., Li, G., Weyand, C. A., Goronzy, J. J.
2007; 179 (4): 2609-2615
 - **Immunopathologic aspects of rheumatoid arthritis: Who is the conductor and who plays the immunologic instrument?** *Symposium on Rheumatoid Arthritis - New Targeted Treatments*
Weyand, C. M.
J RHEUMATOL PUBL CO.2007: 9-14
 - **The diagnosis of giant cell arteritis.** *Reviews in neurological diseases*
Melson, M. R., Weyand, C. M., Newman, N. J., Biousse, V.
2007; 4 (3): 128-142
 - **Aging and T-cell diversity** *1st European Congress of Aging Research in Immunology - Impact of Genomics*
Goronzy, J. J., Lee, W., Weyand, C. M.
PERGAMON-ELSEVIER SCIENCE LTD.2007: 400-406
 - **Infliximab for maintenance of glucocorticosteroid-induced remission of giant cell arteritis - A randomized trial** *ANNALS OF INTERNAL MEDICINE*
Hoffman, G. S., Cid, M. C., Rendt-Zagar, K. E., Merkel, P. A., Weyand, C. M., Stone, J. H., Salvarani, C., Xu, W., Visvanathan, S., Rahman, M. U.
2007; 146 (9): 621-630
 - **Functional profile of activated dendritic cells in unstable atherosclerotic plaque** *BASIC RESEARCH IN CARDIOLOGY*
Erbel, C., Sato, K., Meyer, F. B., Kopecky, S. L., Frye, R. L., Goronzy, J. J., Weyand, C. M.
2007; 102 (2): 123-132
 - **Occurrence of giant cell arteritis...suddenly.** *Transactions of the American Ophthalmological Society*
Younge, B. R., Weyand, C. M., Goronzy, J. J.
2007; 105: 141-144
 - **Immune-mediated mechanisms in atherosclerosis: Prevention and treatment of clinical manifestations** *CURRENT PHARMACEUTICAL DESIGN*
Niessner, A., Goronzy, J. J., Weyand, C. M.
2007; 13 (36): 3701-3710
 - **Pathogen-sensing plasmacytoid dendritic cells stimulate cytotoxic T-cell function in the atherosclerotic plaque through interferon-alpha** *CIRCULATION*
Niessner, A., Sato, K., Chaikof, E. L., Colmegna, I., Goronzy, J. J., Weyand, C. M.
2006; 114 (23): 2482-2489
 - **Sirvastatin suppresses endotoxin-induced upregulation of toll-like receptors 4 and 2 in vivo** *ATHEROSCLEROSIS*
Niessner, A., Steiner, S., Speidl, W. S., Pleiner, J., Seidinger, D., Maurer, G., Goronzy, J. J., Weyand, C. M., Kopp, C. W., Huber, K., Wolzt, M., Wojta, J.
2006; 189 (2): 408-413
 - **Treatment of chronic inflammatory diseases with biologic agents: Opportunities and risks for the elderly** *EXPERIMENTAL GERONTOLOGY*
Diaz-Borjon, A., Weyand, C. M., Goronzy, J. J.
2006; 41 (12): 1250-1255
 - **Immunosuppression in atherosclerosis mobilizing the opposition within** *CIRCULATION*

- Goronzy, J. J., Weyand, C. M.
2006; 114 (18): 1901-1904
- **Treatment of giant cell arteritis using induction therapy with high-dose glucocorticoids - A double-blind, placebo-controlled, randomized prospective clinical trial** *ARTHRITIS AND RHEUMATISM*
Mazlumzadeh, M., Hunder, G. G., Easley, K. A., Calamia, K. T., Matteson, E. L., Griffing, W. L., Younge, B. R., Weyand, C. M., Goronzy, J. J.
2006; 54 (10): 3310-3318
 - **Surgical pathology of noninfectious ascending aortitis: A study of 45 cases with emphasis on an isolated variant** *93rd Annual Meeting of the United-States-and-Canadian-Academy-of-Pathology*
Miller, D. V., Isotalo, P. A., Weyand, C. M., Edwards, W. D., Aubry, M., Tazelaar, H. D.
LIPPINCOTT WILLIAMS & WILKINS.2006: 1150-58
 - **Association of HLA-C3 and smoking with vasculitis in patients with rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Turesson, C., Schaid, D. J., Weyand, C. M., Jacobsson, L. T., Goronzy, J. J., Petersson, I. F., Dechant, S. A., Nyahl-Wahlin, B., Truedsson, L., Sturfelt, G., Matteson, E. L.
2006; 54 (9): 2776-2783
 - **Uncoupling of T-cell effector functions by inhibitory killer immunoglobulin-like receptors** *BLOOD*
Henel, G., Singh, K., Cui, D., Pryshchep, S., Lee, W., Weyand, C. M., Goronzy, J. J.
2006; 107 (11): 4449-4457
 - **T cell recognition and killing of vascular smooth muscle cells in acute coronary syndrome** *CIRCULATION RESEARCH*
Pryshchep, S., Sato, K., Goronzy, J. J., Weyand, C. M.
2006; 98 (9): 1168-1176
 - **Pathomechanisms in rheumatoid arthritis - time for a string theory?** *JOURNAL OF CLINICAL INVESTIGATION*
Weyand, C. M., Goronzy, J. J.
2006; 116 (4): 869-871
 - **T-cell-targeted therapies in rheumatoid arthritis** *NATURE CLINICAL PRACTICE RHEUMATOLOGY*
Weyand, C. M., Goronzy, J. J.
2006; 2 (4): 201-210
 - **Interleukin 12 induces T-cell recruitment into the atherosclerotic plaque** *CIRCULATION RESEARCH*
Zhang, X. Y., Niessner, A., Nakajima, T., Ma-Krupa, W., Kopecky, S. L., Frye, R. L., Goronzy, J. J., Weyand, C. M.
2006; 98 (4): 524-531
 - **Telomeres, immune aging and autoimmunity** *EXPERIMENTAL GERONTOLOGY*
Goronzy, J. J., Fujii, H., Weyand, C. M.
2006; 41 (3): 246-251
 - **Lymphoma in rheumatoid arthritis: An immune system set up for failure** *ARTHRITIS AND RHEUMATISM*
Weyand, C. M., Goronzy, J. J., Kurtin, P. J.
2006; 54 (3): 685-689
 - **TRAIL-expressing T cells induce apoptosis of vascular smooth muscle cells in the atherosclerotic plaque** *JOURNAL OF EXPERIMENTAL MEDICINE*
Sato, K., Niessner, A., Kopecky, S. L., Frye, R. L., Goronzy, J. J., Weyand, C. M.
2006; 203 (1): 239-250
 - **Tissue trafficking patterns of effector memory CD4+T cells in rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Zhang, X. Y., Nakajima, T., Goronzy, J. J., Weyand, C. M.
2005; 52 (12): 3839-3849
 - **Fractalkine receptor polymorphisms V249I and T280M as genetic risk factors for restenosis** *THROMBOSIS AND HAEMOSTASIS*
Niessner, A., Marculescu, R., Kvakan, H., Haschemi, A., Endler, G., Weyand, C. M., Maurer, G., Mannhalter, C., Wojta, J., Wagner, O., Huber, K.
2005; 94 (6): 1251-1256
 - **BLyS and APRIL in rheumatoid arthritis** *JOURNAL OF CLINICAL INVESTIGATION*
Seyler, T. M., Park, Y. W., Takemura, S., Bram, R. J., Kurtin, P. J., Goronzy, J. J., Weyand, C. M.

2005; 115 (11): 3083-3092

- **T cell development and receptor diversity during aging** *CURRENT OPINION IN IMMUNOLOGY*
Goronzy, J. J., Weyand, C. M.
2005; 17 (5): 468-475
- **Modulation of CD28 expression with anti-tumor necrosis factor alpha therapy in rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Bryl, E., Vallejo, A. N., Matteson, E. L., Witkowski, J. M., Weyand, C. M., Goronzy, J. J.
2005; 52 (10): 2996-3003
- **Lipopolysaccharide, CD14 and Toll-like receptors: an emerging link between innate immunity and atherosclerotic disease.** *Future cardiology*
Shimada, K., Daida, H., Ma-Krupa, W., Goronzy, J. J., Weyand, C. M.
2005; 1 (5): 657-674
- **Distinct transcriptional control mechanisms of killer immunoglobulin-like receptors in natural killer (NK) and in T cells** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Xu, J., Vallejo, A. N., Jiang, Y., Weyand, C. M., Goronzy, J. J.
2005; 280 (25): 24277-24285
- **B cells as a therapeutic target in autoimmune diseases** *EXPERT OPINION ON THERAPEUTIC TARGETS*
Park, Y. W., Pryshchep, S., Seyler, T. M., Goronzy, J. J., Weyand, C. M.
2005; 9 (3): 431-445
- **B cells in rheumatoid synovitis** *ARTHRITIS RESEARCH & THERAPY*
Weyand, C. M., Seyler, T., Goronzy, J. J.
2005; 7: S9-S12
- **The influence of age on T cell generation and TCR diversity** *JOURNAL OF IMMUNOLOGY*
Naylor, K., Li, G. J., Vallejo, A. N., Lee, W. W., Koetz, K., Bryl, E., Witkowski, J., Fulbright, J., Weyand, C. M., Goronzy, J. J.
2005; 174 (11): 7446-7452
- **Cell-based immunotherapy with suppressor CD8(+) T cells in rheumatoid arthritis** *JOURNAL OF IMMUNOLOGY*
Davila, E., Kang, Y. M., Park, Y. W., Sawai, H., He, X. W., Pryshchep, S., Goronzy, J. J., Weyand, C. M.
2005; 174 (11): 7292-7301
- **Opposite effects of CX3CR1 receptor polymorphisms V249I and T280M on the development of acute coronary syndrome - A possible implication of fractalkine in inflammatory activation** *THROMBOSIS AND HAEMOSTASIS*
Niessner, A., Marculescu, R., Haschemi, A., Endler, G., Zorn, G., Weyand, C. M., Maurer, G., Mannhalter, C., Wojta, J., Wagner, O., Huber, K.
2005; 93 (5): 949-954
- **T cell costimulation by fractalkine-expressing synoviocytes in rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Sawai, H., Park, Y. W., Roberson, J., Imai, T., Goronzy, J. J., Weyand, C. A.
2005; 52 (5): 1392-1401
- **Toll-like receptors in giant cell arteritis** *12th Annual International Congress of Immunology/4th Annual Conference of the Federation-of-Clinical-Immunology-Societies (FOCIS)*
Wei, M. K., Kwan, M., Goronzy, J. J., Weyand, C. M.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2005: 38-46
- **Rheumatoid arthritis** *IMMUNOLOGICAL REVIEWS*
Goronzy, J. J., Weyand, C. M.
2005; 204: 55-73
- **Vascular dendritic cells in giant cell arteritis** *Conference on Human Immunology*
Weyand, C. M., Ma-Krupa, W., Pryshchep, O., Groschel, S., Bernardino, R., Goronzy, J. J.
NEW YORK ACAD SCIENCES.2005: 195-208
- **Costimulatory pathways in rheumatoid synovitis and T-cell senescence** *Conference on Human Immunology*
Goronzy, J. J., Henel, G., Sawai, H., Singh, K., Lee, E. B., Pryshchep, S., Weyand, C. M.
NEW YORK ACAD SCIENCES.2005: 182-194

- **Increased CD4+ T cell infiltrates in rheumatoid arthritis-associated interstitial pneumonitis compared with idiopathic interstitial pneumonitis** *ARTHRITIS AND RHEUMATISM*
Turesson, C., Matteson, E. L., Colby, T. V., Vuk-Pavlovic, Z., Vassallo, R., Weyand, C. M., Tazelaar, H. D., Limper, A. H.
2005; 52 (1): 73-79
- **The impact of HLA-DRB1 genes on extra-articular disease manifestations in rheumatoid arthritis** *ARTHRITIS RESEARCH & THERAPY*
Turesson, C., Schaid, D. J., Weyand, C. M., Jacobsson, L. T., Goronzy, J. J., Petersson, I. F., Sturfelt, G., Nyhall-Wahlin, B. M., Truedsson, L., Dechant, S. A., Matteson, E. L.
2005; 7 (6): R1386-R1393
- **Rheumatoid arthritis is an independent risk factor for multi-vessel coronary artery disease: a case control study** *ARTHRITIS RESEARCH & THERAPY*
Warrington, K. J., Kent, P. D., Frye, R. L., Lymp, J. F., Kopecky, S. L., Goronzy, J. J., Weyand, C. M.
2005; 7 (5): R984-R991
- **Thrombospondin 2 functions as an endogenous regulator of angiogenesis and inflammation in rheumatoid arthritis** *AMERICAN JOURNAL OF PATHOLOGY*
Park, Y. W., Kang, Y. M., Butterfield, J., Detmar, M., Goronzy, J. J., Weyand, C. M.
2004; 165 (6): 2087-2098
- **Genetics of rheumatoid arthritis: Is there a pattern predicting extraarticular manifestations?** *ARTHRITIS & RHEUMATISM-ARTHRITIS CARE & RESEARCH*
Turesson, C., Weyand, C. M., Matteson, E. L.
2004; 51 (5): 853-863
- **Stimulatory killer Ig-like receptors modulate T cell activation through DAP12-dependent and DAP12-independent mechanisms** *JOURNAL OF IMMUNOLOGY*
Snyder, M. R., Nakajima, T., Leibson, P. J., Weyand, C. M., Goronzy, J. J.
2004; 173 (6): 3725-3731
- **VEGF gene polymorphisms and susceptibility to rheumatoid arthritis** *RHEUMATOLOGY*
Han, S. W., Kim, G. W., Seo, J. S., Kim, S. J., Sa, K. H., Park, J. Y., Lee, J., Kim, S. Y., Goronzy, J. J., Weyand, C. M., Kang, Y. M.
2004; 43 (9): 1173-1177
- **Stem cell aging and autoimmunity in rheumatoid arthritis** *TRENDS IN MOLECULAR MEDICINE*
Weyand, C. M., Goronzy, J. R.
2004; 10 (9): 426-433
- **Tumor necrosis factor-alpha and CD80 modulate CD28 expression through a similar mechanism of T-cell receptor-independent inhibition of transcription** *JOURNAL OF BIOLOGICAL CHEMISTRY*
LEWIS, D. E., Merched-Sauvage, M., Goronzy, J. J., Weyand, C. M., Vallejo, A. N.
2004; 279 (28): 29130-29138
- **Lymphotoxin beta-mediated stimulation of synoviocytes in rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Braun, A., Takemura, S., Vallejo, A. N., Goronzy, J. J., Weyand, C. M.
2004; 50 (7): 2140-2150
- **T-cell regulation in rheumatoid arthritis** *CURRENT OPINION IN RHEUMATOLOGY*
Goronzy, J. J., Weyand, C. M.
2004; 16 (3): 212-217
- **How aggressive should initial therapy for rheumatoid arthritis be? Factors associated with response to 'non-aggressive' DMARD treatment and perspective from a 2-yr open label trial** *RHEUMATOLOGY*
Matteson, E. L., Weyand, C. M., Fulbright, J. W., Christianson, T. J., McClelland, R. L., Goronzy, J. J.
2004; 43 (5): 619-625
- **T-cell senescence: a culprit of immune abnormalities in chronic inflammation and persistent infection** *TRENDS IN MOLECULAR MEDICINE*
Vallejo, A. N., Weyand, C. M., Goronzy, J. J.
2004; 10 (3): 119-124
- **Biology of T lymphocytes** *RHEUMATIC DISEASE CLINICS OF NORTH AMERICA*

- Vallejo, A. N., Davila, E., Weyand, C. M., Goronzy, J. J.
2004; 30 (1): 135-?
- **Activation of arterial wall dendritic cells and breakdown of self-tolerance in giant cell arteritis** *JOURNAL OF EXPERIMENTAL MEDICINE*
Ma-Krupa, W., Jeon, M. S., Spoerl, S., Tedder, T. E., Goronzy, J. J., Weyand, C. M.
2004; 199 (2): 173-183
 - **HLA-DRB1 haplotype did not affect the medium-term results of total knee arthroplasty in patients with rheumatoid arthritis.** *Modern rheumatology*
Takemura, S., Toda, Y., Goronzy, J. J., Weyand, C. M., Ogawa, R., Iida, H.
2004; 14 (1): 37-42
 - **The double life of NK receptors: stimulation or co-stimulation?** *TRENDS IN IMMUNOLOGY*
Snyder, M. R., Weyand, C. M., Goronzy, J. J.
2004; 25 (1): 25-32
 - **Immunopathways in giant cell arteritis and polymyalgia rheumatica** *AUTOIMMUNITY REVIEWS*
Weyand, C. M., Ma-Krupa, W., Goronzy, J. J.
2004; 3 (1): 46-53
 - **Prognostic markers of radiographic progression in early rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Goronzy, J. J., Matteson, E. L., Fulbright, J. W., Warrington, K. J., Chang-Miller, A., Hunder, G. G., Mason, T. G., Nelson, A. M., Valente, R. M., Crowson, C. S., Erlich, H. A., Reynolds, R. L., Swee, et al
2004; 50 (1): 43-54
 - **Premature telomeric loss in rheumatoid arthritis is genetically determined and involves both myeloid and lymphoid cell lineages** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Schonland, S. O., Lopez, C., Widmann, T., Zimmer, J., Bryl, E., Goronzy, J. J., Weyand, C. M.
2003; 100 (23): 13471-13476
 - **Giant-cell arteritis and polymyalgia rheumatica** *ANNALS OF INTERNAL MEDICINE*
Weyand, C. M., Goronzy, J. J.
2003; 139 (6): 505-515
 - **Synoviocyte-mediated expansion of inflammatory T cells in rheumatoid synovitis is dependent on CD47-thrombospondin 1 interaction** *JOURNAL OF IMMUNOLOGY*
Vallejo, A. N., Yang, H. Y., Klimiuk, P. A., Weyand, C. M., Goronzy, J. J.
2003; 171 (4): 1732-1740
 - **Homeostatic control of T-cell generation in neonates** *BLOOD*
Schonland, S. O., Zimmer, J. K., Lopez-Benitez, C. M., Widmann, T., Ramin, K. D., Goronzy, J. J., Weyand, C. M.
2003; 102 (4): 1428-1434
 - **Immunosenescence, autoimmunity, and rheumatoid arthritis** *EXPERIMENTAL GERONTOLOGY*
Weyand, C. M., Fulbright, J. W., Goronzy, J. J.
2003; 38 (8): 833-841
 - **De novo expression of killer immunoglobulin-like receptors and signaling proteins regulates the cytotoxic function of CD4 T cells in acute coronary syndromes** *CIRCULATION RESEARCH*
Nakajima, T., Goek, O., Zhang, X. Y., Kopecky, S. L., Frye, R. L., Goronzy, J. J., Weyand, C. M.
2003; 93 (2): 106-113
 - **Medium- and large-vessel vasculitis.** *New England journal of medicine*
Weyand, C. M., Goronzy, J. J.
2003; 349 (2): 160-169
 - **Mechanisms of disease: Medium- and large-vessel vasculitis** *NEW ENGLAND JOURNAL OF MEDICINE*
Weyand, C. M., Goronzy, J. J.
2003; 349 (2): 160-169
 - **The power of the third dimension: tissue architecture and autoimmunity in rheumatoid arthritis** *CURRENT OPINION IN RHEUMATOLOGY*

- Weyand, C. M., Kang, Y. M., Kurtin, P. J., Goronzy, J. J.
2003; 15 (3): 259-266
- **CD28 loss in senescent CD4+ T cells: reversal by interleukin-12 stimulation** *BLOOD*
Warrington, K. J., Vallejo, A. N., Weyand, C. M., Goronzy, J. J.
2003; 101 (9): 3543-3549
 - **Selective activation of the c-Jun NH2-terminal protein kinase signaling pathway by stimulatory KIR in the absence of KARAP/DAP12 in CD4(+) T cells** *JOURNAL OF EXPERIMENTAL MEDICINE*
Snyder, M. R., Lucas, M., Vivier, E., Weyand, C. M., Goronzy, J. J.
2003; 197 (4): 437-449
 - **B cells as a therapeutic target in autoimmune disease** *ARTHRITIS RESEARCH & THERAPY*
Goronzy, J. J., Weyand, C. M.
2003; 5 (3): 131-135
 - **T-cell senescence and contraction of T-cell repertoire diversity catalyze autoimmunity and chronic inflammation** *ARTHRITIS RESEARCH & THERAPY*
Goronzy, J. J., Weyand, C. M.
2003; 5 (5): 225-234
 - **Aging, autoimmunity and arthritis: T-cell senescence and contraction of T-cell repertoire diversity - catalysts of autoimmunity and chronic inflammation.** *Arthritis research & therapy*
Goronzy, J. J., Weyand, C. M.
2003; 5 (5): 225-234
 - **Ectopic germinal center formation in rheumatoid synovitis** *Conference on Immune Mechanisms and Disease*
Weyand, C. M., Goronzy, J. J.
NEW YORK ACAD SCIENCES.2003: 140-149
 - **Molecular basis for the loss of CD28 expression in senescent T cells** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Vallejo, A. N., Bryl, E., Klarskov, K., Naylor, S., Weyand, C. M., Goronzy, J. J.
2002; 277 (49): 46940-46949
 - **Trapping of misdirected dendritic cells in the granulomatous lesions of giant cell arteritis** *AMERICAN JOURNAL OF PATHOLOGY*
Krupa, W. M., Dewan, M., Jeon, M. S., Kurtin, P. J., Younge, B. R., Goronzy, J. J., Weyand, C. M.
2002; 161 (5): 1815-1823
 - **Reactive nitrogen intermediates in giant cell arteritis - Selective nitration of neocapillaries** *AMERICAN JOURNAL OF PATHOLOGY*
Borkowski, A., Younge, B. R., Szveda, L., Mock, B., Bjornsson, J., Moeller, K., Goronzy, J. J., Weyand, C. M.
2002; 161 (1): 115-123
 - **The Ogrzylo Day Lecture - Premature immunosenescence in rheumatoid arthritis - Presented at the University of Toronto Rheumatic Disease Unit Annual Ogrzylo Research Day, June 26, 2001** *Annual Ogrzylo Research Day*
Weyand, C. M., Goronzy, J. J.
J RHEUMATOL PUBL CO.2002: 1141-46
 - **CD8 T cells are required for the formation of ectopic germinal centers in rheumatoid synovitis** *JOURNAL OF EXPERIMENTAL MEDICINE*
Kang, Y. M., Zhang, X. Y., Wagner, U. G., Yang, H. Y., Beckenbaugh, R. D., Kurtin, P. J., Goronzy, J. J., Weyand, C. M.
2002; 195 (10): 1325-1336
 - **Human leukocyte antigen class II immune response genes, female gender, and cigarette smoking as risk and modulating factors in abdominal aortic aneurysms** *JOURNAL OF VASCULAR SURGERY*
Rasmussen, T. E., Hallett, J. W., Tazelaar, H. D., Miller, V. M., Schulte, S., O'Fallon, W. M., Weyand, C. M.
2002; 35 (5): 988-993
 - **Cytokines in giant-cell arteritis** *10th International Vasculitis and ANCA Workshop*
Goronzy, J. J., Weyand, C. M.
CLEVELAND CLINIC.2002: 91-94
 - **Formation of the killer Ig-like receptor repertoire on CD4(+)CD28(null) T cells** *JOURNAL OF IMMUNOLOGY*

- Snyder, M. R., Muegge, L. O., Offord, C., O'Fallon, W. M., Bajzer, Z., Weyand, C. M., Goronzy, J. J.
2002; 168 (8): 3839-3846
- **T-cell-mediated lysis of endothelial cells in acute coronary syndromes** *CIRCULATION*
Nakajima, T., Schulte, S., Warrington, K. J., Kopecky, S. L., Frye, R. L., Goronzy, J. J., Weyand, C. M.
2002; 105 (5): 570-575
 - **Therapeutic effects of acetylsalicylic acid in giant cell arteritis** *ARTHRITIS AND RHEUMATISM*
Weyand, C. M., Kaiser, M., Yang, H. Y., Younge, B., Goronzy, J. J.
2002; 46 (2): 457-466
 - **Bi-directional modulation of T cell-dependent antibody production by prostaglandin E-2** *INTERNATIONAL IMMUNOLOGY*
He, X. W., Weyand, C. M., Goronzy, J. J., Zhong, W. Y., Stuart, J. M.
2002; 14 (1): 69-77
 - **The pathogenesis of giant cell arteritis** *BULLETIN ON THE RHEUMATIC DISEASES*
Weyand, C. M., Goronzy, J. J.
2002; 51 (8): 1-8
 - **Pathogenic mechanisms in giant cell arteritis.** *Cleveland Clinic journal of medicine*
Weyand, C. M., Goronzy, J. J.
2002; 69: SII28-32
 - **Cytokines in giant-cell arteritis.** *Cleveland Clinic journal of medicine*
Goronzy, J. J., Weyand, C. M.
2002; 69: SII91-4
 - **Value of immunological markers in predicting responsiveness to influenza vaccination in elderly individuals** *JOURNAL OF VIROLOGY*
Goronzy, J. J., Fulbright, J. W., Crowson, C. S., Poland, G. A., O'Fallon, W. M., Weyand, C. M.
2001; 75 (24): 12182-12187
 - **T cell activation in rheumatoid synovium is B cell dependent** *JOURNAL OF IMMUNOLOGY*
Takemura, S., Klimiuk, P. A., Braun, A., Goronzy, J. J., Weyand, C. M.
2001; 167 (8): 4710-4718
 - **T-cell immunity in acute coronary syndromes** *MAYO CLINIC PROCEEDINGS*
Weyand, C. M., Goronzy, J. J., Liuzzo, G., Kopecky, S. L., Holmes, D. R., Frye, R. L.
2001; 76 (10): 1011-1020
 - **Down-regulation of CD28 expression by TNF-alpha** *JOURNAL OF IMMUNOLOGY*
Bryl, E., Vallejo, A. N., Weyand, C. M., Goronzy, J. J.
2001; 167 (6): 3231-3238
 - **Ectopic lymphoid organogenesis - A fast track for autoimmunity** *AMERICAN JOURNAL OF PATHOLOGY*
Weyand, C. M., Kurtin, P. J., Goronzy, J. J.
2001; 159 (3): 787-793
 - **Lymphoid neogenesis in rheumatoid synovitis** *JOURNAL OF IMMUNOLOGY*
Takemura, S., Braun, A., Crowson, C., Kurtin, P. J., Cofield, R. H., O'Fallon, W. M., Goronzy, J. J., Weyand, C. M.
2001; 167 (2): 1072-1080
 - **Genetic similarity in inflammatory and degenerative abdominal aortic aneurysms: A study of human leukocyte antigen class II disease risk genes** *24th Annual Meeting of the Midwestern-Vascular-Surgery-Society*
Rasmussen, T. E., Hallett, J. W., Schulte, S., Harmsen, W. S., O'Fallon, W. M., Weyand, C. M.
MOSBY-ELSEVIER.2001: 84-88
 - **Major histocompatibility complex class I-recognizing receptors are disease risk genes in rheumatoid arthritis** *JOURNAL OF EXPERIMENTAL MEDICINE*
Yen, J. H., Moore, B. E., Nakajima, T., SCHOLL, D., Schaid, D. J., Weyand, C. M., Goronzy, J. J.
2001; 193 (10): 1159-1167

- **Thymic function and peripheral T-cell homeostasis in rheumatoid arthritis** *TRENDS IN IMMUNOLOGY*
Goronzy, J. J., Weyand, C. M.
2001; 22 (5): 251-255
- **Molecular fingerprint of interferon-gamma signaling in unstable angina** *CIRCULATION*
Liuzzo, G., Vallejo, A. N., Kopecky, S. L., Frye, R. L., Holmes, D. R., Goronzy, J. J., Weyand, C. M.
2001; 103 (11): 1509-1514
- **Functional disruption of the CD28 gene transcriptional initiator in senescent T cells** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Vallejo, A. N., Weyand, C. M., Goronzy, J. Y.
2001; 276 (4): 2565-2570
- **T cell homeostasis and autoreactivity in rheumatoid arthritis.** *Current directions in autoimmunity*
Goronzy, J. J., Weyand, C. M.
2001; 3: 112-132
- **Lymphoid microstructures in rheumatoid synovitis.** *Current directions in autoimmunity*
Weyand, C. M., Braun, A., Takemura, S., Goronzy, J. J.
2001; 3: 168-187
- **CD4+,CD28-T cells in rheumatoid arthritis patients combine features of the innate and adaptive immune systems** *ARTHRITIS AND RHEUMATISM*
Warrington, K. J., Takemura, S., Goronzy, J. J., Weyand, C. M.
2001; 44 (1): 13-20
- **Clonality and longevity of CD4(+)CD28(null) T cells are associated with defects in apoptotic pathways** *JOURNAL OF IMMUNOLOGY*
Vallejo, A. N., Schirmer, M., Weyand, C. M., Goronzy, J. J.
2000; 165 (11): 6301-6307
- **Pathogenic principles in giant cell arteritis** *International Conference on Takayasu Arteritis and Buerger Disease*
Weyand, C. M., Goronzy, J. J.
ELSEVIER IRELAND LTD.2000: S9-S15
- **T cell homeostasis in patients with rheumatoid arthritis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Koetz, K., Bryl, E., Spickschen, K., O'Fallon, W. M., Goronzy, J. J., Weyand, C. M.
2000; 97 (16): 9203-?
- **Killer cell activating receptors function as costimulatory molecules on CD4(+)CD28(null) T cells clonally expanded in rheumatoid arthritis** *JOURNAL OF IMMUNOLOGY*
NAMEKAWA, T., Snyder, M. R., Yen, J. H., Goehring, B. E., Leibson, P. J., Weyand, C. M., Goronzy, J. J.
2000; 165 (2): 1138-1145
- **Monoclonal T-cell proliferation and plaque instability in acute coronary syndromes** *CIRCULATION*
Liuzzo, G., Goronzy, J. J., Yang, H. Y., Kopecky, S. L., Holmes, D. R., Frye, R. L., Weyand, C. M.
2000; 101 (25): 2883-2888
- **New insights into the pathogenesis of rheumatoid arthritis** *International Conference on Challenges and Advances in Rheumatoid Arthritis*
Weyand, C. M.
OXFORD UNIV PRESS.2000: 3-8
- **Treatment of giant cell arteritis - Interleukin-6 as a biologic marker of disease activity** *ARTHRITIS AND RHEUMATISM*
Weyand, C. M., Fulbright, J. W., Hunder, G. G., Evans, J. M., Goronzy, J. J.
2000; 43 (5): 1041-1048
- **Anti-psoriatic drug anthralin activates JNK via lipid peroxidation: Mononuclear cells are more sensitive than keratinocytes** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
Peus, D., Beyerle, A., Rittner, H. L., Pott, M., Meves, A., WEYAND, C., PITTELKOW, M. R.
2000; 114 (4): 688-692

- **Central role of thrombospondin-1 in the activation and clonal expansion of inflammatory T cells** *JOURNAL OF IMMUNOLOGY*
Vallejo, A. N., Mugge, L. O., Klimiuk, P. A., Weyand, C. M., Goronzy, J. J.
2000; 164 (6): 2947-2954
- **[Clinical and genetic heterogeneity of rheumatoid arthritis].** *Postępy higieny i medycyny doświadczalnej*
Klimiuk, P. A., Weyand, C. M., Sierakowski, S., Goronzy, J. J.
2000; 54 (6): 845-853
- **Cell-cell interactions in synovitis - Interactions between T cells and B cells in rheumatoid arthritis** *ARTHRITIS RESEARCH*
Weyand, C. M., Goronzy, J. J., Takemura, S., Kurtin, P. J.
2000; 2 (6): 457-463
- **The role of T cells in rheumatoid arthritis.** *Archivum immunologiae et therapiae experimentalis*
Weyand, C. M., Bryl, E., Goronzy, J. J.
2000; 48 (5): 429-435
- **Association of MHC and rheumatoid arthritis HLA polymorphisms in phenotypic variants of rheumatoid arthritis** *ARTHRITIS RESEARCH*
Weyand, C. M., Goronzy, J. J.
2000; 2 (3): 212-216
- **Perturbation of the T-cell repertoire in patients with unstable angina** *CIRCULATION*
Liuzzo, G., Kopecky, S. L., Frye, R. L., O'Fallon, W. M., Maseri, A., Goronzy, J. J., Weyand, C. M.
1999; 100 (21): 2135-2139
- **Formation of new vasa vasorum in vasculitis - Production of angiogenic cytokines by multinucleated giant cells** *AMERICAN JOURNAL OF PATHOLOGY*
Kaiser, M., Younge, B., Bjornsson, J., Goronzy, J. J., Weyand, C. M.
1999; 155 (3): 765-774
- **Modulation of CD28 expression: Distinct regulatory pathways during activation and replicative senescence** *JOURNAL OF IMMUNOLOGY*
Vallejo, A. N., Brandes, J. C., Weyand, C. M., Goronzy, J. J.
1999; 162 (11): 6572-6579
- **Tissue-destructive macrophages in giant cell arteritis** *CIRCULATION RESEARCH*
Rittner, H. L., Kaiser, M., Brack, A., Szweda, L. I., Goronzy, J. J., Weyand, C. M.
1999; 84 (9): 1050-1058
- **T-cell responses in rheumatoid arthritis: systemic abnormalities-local disease.** *Current opinion in rheumatology*
Weyand, C. M., Goronzy, J. J.
1999; 11 (3): 210-217
- **Arterial wall injury in giant cell arteritis** *ARTHRITIS AND RHEUMATISM*
Weyand, C. M., Goronzy, J. J.
1999; 42 (5): 844-853
- **Aberrations in the primary T-cell receptor repertoire as a predisposition for synovial inflammation in rheumatoid arthritis** *JOURNAL OF INVESTIGATIVE MEDICINE*
Yang, H. Y., Rittner, H., Weyand, C. M., Goronzy, J. J.
1999; 47 (5): 236-245
- **IL-16 as an anti-inflammatory cytokine in rheumatoid synovitis** *JOURNAL OF IMMUNOLOGY*
Klimiuk, P. A., Goronzy, J. J., Weyand, C. M.
1999; 162 (7): 4293-4299
- **Aldose reductase functions as a detoxification system for lipid peroxidation products in vasculitis** *JOURNAL OF CLINICAL INVESTIGATION*
Rittner, H. L., Hafner, V., Klimiuk, P. A., Szweda, L. I., Goronzy, J. J., Weyand, C. M.
1999; 103 (7): 1007-1013
- **Corticosteroid requirements in polymyalgia rheumatica** *ARCHIVES OF INTERNAL MEDICINE*

- Weyand, C. M., Fulbright, J. W., Evans, J. M., Hunder, G. G., Goronzy, J. J.
1999; 159 (6): 577-584
- **Disease pattern in cranial and large-vessel giant cell arteritis** *ARTHRITIS AND RHEUMATISM*
Brack, A., Martinez-Taboada, V., Stanson, A., Goronzy, J. J., Weyand, C. M.
1999; 42 (2): 311-317
 - **HLA polymorphisms and T cells in rheumatoid arthritis.** *International reviews of immunology*
Weyand, C. M., Goronzy, J. J.
1999; 18 (1-2): 37-59
 - **Results of a phase II rheumatoid arthritis clinical trial using T-cell receptor peptides** *International Symposium on Advances in Osteoarthritis*
Brostoff, S. W., Carlo, D. J., Diveley, J. P., Morgan, E. E., Nardo, C. J., Richieri, S. P., Adamson, T. C., Fronek, Z., Calabrese, L. H., Cash, J. M., Markenson, J. A., Bathon, J., Matsumoto, et al
SPRINGER-VERLAG TOKYO.1999: 153-162
 - **Production of cytokines and metalloproteinases in rheumatoid synovitis is T cell dependent** *CLINICAL IMMUNOLOGY*
Klimiuk, P. A., Yang, H. Y., Goronzy, J. J., Weyand, C. M.
1999; 90 (1): 65-78
 - **The role of CD8(+) CD40L(+) T cells in the formation of germinal centers in rheumatoid synovitis** *JOURNAL OF IMMUNOLOGY*
Wagner, U. G., Kurtin, P. J., Wahner, A., Brackertz, M., Berry, D. J., Goronzy, J. J., Weyand, C. M.
1998; 161 (11): 6390-6397
 - **Functional subsets of CD4 T cells in rheumatoid synovitis** *ARTHRITIS AND RHEUMATISM*
NAMEKAWA, T., Wagner, U. G., Goronzy, J. J., Weyand, C. M.
1998; 41 (12): 2108-2116
 - **Perturbation of the T cell repertoire in rheumatoid arthritis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Wagner, U. G., Koetz, K., Weyand, C. M., Goronzy, J. J.
1998; 95 (24): 14447-14452
 - **T cell receptor peptide vaccination in rheumatoid arthritis - A placebo-controlled trial using a combination of V(beta)3, V(beta)14, and V(beta)17 peptides** *ARTHRITIS AND RHEUMATISM*
Moreland, L. W., Morgan, E. E., Adamson, T. C., Fronek, Z., Calabrese, L. H., Cash, J. M., Markenson, J. A., Matsumoto, A. K., Bathon, J., Matteson, E. L., Uramoto, K. M., Weyand, C. M., Koopman, et al
1998; 41 (11): 1919-1929
 - **Giant cell arteritis - a molecular approach to the multiple facets of the syndrome** *ANNALES DE MEDECINE INTERNE*
Weyand, C. M., Hafner, V., Kaiser, M., Goronzy, J. J.
1998; 149 (7): 420-424
 - **Interferon-alpha treatment of Behcet's disease** *JOURNAL OF RHEUMATOLOGY*
O'Duffy, J. D., Calamia, K., Cohen, S., Goronzy, J. J., Herman, D., Jorizzo, J., WEYAND, C., Matteson, E.
1998; 25 (10): 1938-1944
 - **Resistance to apoptosis and elevated expression of Bcl-2 in clonally expanded CD4(+)CD28(-) T cells from rheumatoid arthritis patients** *JOURNAL OF IMMUNOLOGY*
Schirmer, M., Vallejo, A. N., Weyand, C. M., Goronzy, J. J.
1998; 161 (2): 1018-1025
 - **Oligoclonal T-cell proliferation and interferon-gamma production in periprosthetic inflammation** *LABORATORY INVESTIGATION*
Weyand, C. M., Geisler, A., Brack, A., Bolander, M. E., Goronzy, J. J.
1998; 78 (6): 677-685
 - **Functional properties of CD4(+)CD28(-) T cells in the aging immune system** *5th EUCAMBIS Congress on the Molecular Biology of Immunosenesence*
Weyand, C. M., Brandes, J. C., Schmidt, D., Fulbright, J. W., Goronzy, J. J.
ELSEVIER IRELAND LTD.1998: 131-47

- **The influence of sex on the phenotype of rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Weyand, C. M., Schmidt, D., Wagner, U., Goronzy, J. J.
1998; 41 (5): 817-822
- **Histologic and cytokine response to immunosuppression in giant-cell myocarditis** *ANNALS OF INTERNAL MEDICINE*
Levy, N. T., Olson, L. J., WEYAND, C., Brack, A., Tazelaar, H. D., EDWARDS, W. D., Hammill, S. C.
1998; 128 (8): 648-650
- **Aging-related deficiency of CD28 expression in CD4+ T cells is associated with the loss of gene-specific nuclear factor binding activity** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Vallejo, A. N., Nestel, A. R., Schirmer, M., Weyand, C. M., Goronzy, J. J.
1998; 273 (14): 8119-8129
- **Platelet-derived growth factor, intimal hyperplasia, and ischemic complications in giant cell arteritis** *ARTHRITIS AND RHEUMATISM*
Kaiser, M., Weyand, C. M., Bjornsson, J., Goronzy, J. J.
1998; 41 (4): 623-633
- **Heterogeneity of rheumatoid arthritis: from phenotypes to genotypes** *SPRINGER SEMINARS IN IMMUNOPATHOLOGY*
Weyand, C. M., Klimiuk, P. A., Goronzy, J. J.
1998; 20 (1-2): 5-22
- **T cell receptor repertoire in rheumatoid arthritis.** *International reviews of immunology*
Goronzy, J. J., Zettl, A., Weyand, C. M.
1998; 17 (5-6): 339-363
- **Influence of antigenic experience on BJ gene segment usage in human CD4(+) T cells** *INTERNATIONAL IMMUNOLOGY*
Walser-Kuntz, D. R., Weyand, C. M., Goronzy, J. J.
1997; 9 (12): 1785-1792
- **Tissue cytokine patterns distinguish variants of rheumatoid synovitis** *AMERICAN JOURNAL OF PATHOLOGY*
Klimiuk, P. A., Goronzy, J. J., Bjornsson, J., Beckenbaugh, R. D., Weyand, C. M.
1997; 151 (5): 1311-1319
- **The molecular basis of rheumatoid arthritis** *JOURNAL OF MOLECULAR MEDICINE-JMM*
Weyand, C. M., Goronzy, J. J.
1997; 75 (11-12): 772-785
- **Giant cell vasculitis is a T cell-dependent disease** *MOLECULAR MEDICINE*
Brack, A., Geisler, A., MARTINEZTABOADA, V. M., Younge, B. R., Goronzy, J. J., Weyand, C. M.
1997; 3 (8): 530-543
- **Multiple mechanisms support oligoclonal T cell expansion in rheumatoid synovitis** *MOLECULAR MEDICINE*
Rittner, H. L., Zettl, A., Jendro, M. C., BARTZBAZZANELLA, P., Goronzy, J. J., Weyand, C. M.
1997; 3 (7): 452-465
- **Glucocorticoid-mediated repression of cytokine gene transcription in human arteritis-SCID chimeras** *JOURNAL OF CLINICAL INVESTIGATION*
Brack, A., Rittner, H. L., Younge, B. R., Kaltschmidt, C., Weyand, C. M., Goronzy, J. J.
1997; 99 (12): 2842-2850
- **Expansion of unusual CD4+ T cells in severe rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Martens, P. B., Goronzy, J. J., Schaid, D., Weyand, C. M.
1997; 40 (6): 1106-1114
- **Co-stimulatory pathways controlling activation and peripheral tolerance of human CD4(+)CD28(-) cells** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Park, W., Weyand, C. M., Schmidt, D., Goronzy, J. J.
1997; 27 (5): 1082-1090
- **Genetic risk factors in inflammatory abdominal aortic aneurysms: Polymorphic residue 70 in the HLA-DR B1 gene as a key genetic element** *JOURNAL OF VASCULAR SURGERY*

- Rasmussen, T. E., Hallett, J. W., Metzger, R. L., Richardson, D. M., Harmsen, W. S., Goronzy, J. J., Weyand, C. M.
1997; 25 (2): 356-364
- **Pathogenesis of rheumatoid arthritis** *MEDICAL CLINICS OF NORTH AMERICA*
Weyand, C. M., Goronzy, J. J.
1997; 81 (1): 29-?
 - **Superantigens, V-H gene polymorphism, and rheumatoid factor (RF) production** *B LYMPHOCYTES AND AUTOIMMUNITY*
Goronzy, J. J., He, X. W., Weyand, C. M.
1997; 815: 357-360
 - **Correlation between HLA-DR sequence polymorphisms and rheumatoid factor production** *B LYMPHOCYTES AND AUTOIMMUNITY*
Weyand, C. M., Goronzy, J. J.
1997; 815: 353-356
 - **Disease patterns and tissue cytokine profiles in giant cell arteritis** *ARTHRITIS AND RHEUMATISM*
Weyand, C. M., TETZLAFF, N., Bjornsson, J., Brack, A., Younge, B., Goronzy, J. J.
1997; 40 (1): 19-26
 - **Multisystem interactions in the pathogenesis of vasculitis.** *Current opinion in rheumatology*
Weyand, C. M., Goronzy, J. J.
1997; 9 (1): 3-11
 - **Recognition of tissue residing antigen by T cells in vasculitic lesions of giant cell arteritis** *JOURNAL OF MOLECULAR MEDICINE-JMM*
MARTINEZTABOADA, V., HUNDER, N. N., Hunder, G. G., Weyand, C. M., Goronzy, J. J.
1996; 74 (11): 695-703
 - **Correlation of the topographical arrangement and the functional pattern of tissue-infiltrating macrophages in giant cell arteritis** *JOURNAL OF CLINICAL INVESTIGATION*
Weyand, C. M., Wagner, A. D., Bjornsson, J., Goronzy, J. J.
1996; 98 (7): 1642-1649
 - **The pathogenic role of T lymphocytes in vasculitis** *SARCOIDOSIS VASCULITIS AND DIFFUSE LUNG DISEASES*
Weyand, C. M., Goronzy, J. J.
1996; 13 (3): 217-220
 - **The repertoire of CD4(+) CD28(-) T cells in rheumatoid arthritis** *MOLECULAR MEDICINE*
Schmidt, D., Martens, P. B., Weyand, C. M., Goronzy, J. J.
1996; 2 (5): 608-618
 - **Increased responsiveness of rheumatoid factor-producing B cells in seronegative and seropositive rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
He, X. W., Zhong, W. Y., McCarthy, T. G., Weyand, C. M., Goronzy, J. J.
1996; 39 (9): 1499-1506
 - **Interferon-gamma-producing T cells in giant cell vasculitis represent a minority of tissue infiltrating cells and are located distant from the site of pathology** *AMERICAN JOURNAL OF PATHOLOGY*
Wagner, A. D., Bjornsson, J., Bartley, G. B., Goronzy, J. J., Weyand, C. M.
1996; 148 (6): 1925-1933
 - **Clonally expanded CD8 T cells in patients with polymyalgia rheumatica and giant cell arteritis** *CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY*
MARTINEZTABOADA, V. M., Goronzy, J. J., Weyand, C. M.
1996; 79 (3): 263-270
 - **The inflammatory infiltrate in giant cell arteritis selects against B lymphocytes** *JOURNAL OF RHEUMATOLOGY*
MARTINEZTABOADA, V., Brack, A., Hunder, G. G., Goronzy, J. J., Weyand, C. M.
1996; 23 (6): 1011-1014
 - **Oligoclonal T cell proliferation in patients with rheumatoid arthritis and their unaffected siblings** *ARTHRITIS AND RHEUMATISM*
Waase, I., Kayser, C., Carlson, P. J., Goronzy, J. J., Weyand, C. M.

1996; 39 (6): 904-913

- **CD4(+) CD7(-) CD28(-) T cells are expanded in rheumatoid arthritis and are characterized by autoreactivity** *JOURNAL OF CLINICAL INVESTIGATION*
Schmidt, D., Goronzy, J. J., Weyand, C. M.
1996; 97 (9): 2027-2037
- **TRIGGERING OF LYMPHOCYTES-T VIA EITHER T3-TI OR T11 SURFACE-STRUCTURES OPENS A VOLTAGE-INSENSITIVE PLASMA-MEMBRANE CALCIUM-PERMEABLE CHANNEL - REQUIREMENT FOR INTERLEUKIN-2 GENE-FUNCTION** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Gardner, P., Alcover, A., Kuno, M., Moingeon, P., Weyand, C. M., GORONZY, J., REINHERZ, E. L.
1989; 264 (2): 1068-1076
- **RECOGNITION OF POLYMORPHIC H-2 DOMAINS BY LYMPHOCYTES-T .1. FUNCTIONAL-ROLE OF DIFFERENT H-2 DOMAINS FOR THE GENERATION OF ALLOREACTIVE CYTO-TOXIC LYMPHOCYTES-T AND DETERMINATION OF PRECURSOR FREQUENCIES** *JOURNAL OF EXPERIMENTAL MEDICINE*
WEYAND, C., GORONZY, J., Hammerling, G. J.
1981; 154 (6): 1717-1731
- **RECOGNITION OF H-2 DOMAINS BY CYTO-TOXIC LYMPHOCYTES-T** *NATURE*
WEYAND, C., Hammerling, G. J., GORONZY, J.
1981; 292 (5824): 627-629