

CURRICULUM VITAE

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Cincinnati, Ohio 45236
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DATE OF BIRTH: October 25, 1958

PLACE OF BIRTH: Cincinnati, Ohio

08-19-2022

EDUCATION: 1977-1981 - B.A., Chemistry, Kenyon College, Gambier, OH
1981-1985 - M.D., University of Cincinnati College of Medicine

POST-GRADUATE TRAINING:

1985 - 1986 - Internship in Internal Medicine, Cleveland Clinic Foundation
1986 - 1988 - Residency in Internal Medicine, Cleveland Clinic Foundation
1988 - 1990 - Fellowship in Allergy and Immunology, Northwestern University, Chicago, IL

CERTIFICATIONS: National Board of Medical Examiners, Parts I,II,III
American Board of Internal Medicine - 9/88
Diplomate - American Board of Allergy and Immunology, A Conjoint

Board of the Board of Internal Medicine and Board of Pediatrics - 10/91
Recertification for the ABAI – 9/01
Recertification for the ABAI – 12/11
DIA certified clinical investigator
MOC compliant through 7/15/2022

MEDICAL LICENSURE: State Medical Board of Ohio - License No. 35-053762
State Medical Board of Indiana - License No. 01043711
Kentucky Board of Medical Licensure – TP874

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

American College of Physicians (Fellow)
American Academy of Allergy and Immunology (Fellow)
American College of Allergy and Immunology (Fellow)
American Thoracic Society/Ohio Thoracic Society
American College of Chest Physicians (Fellow)
American Association for the Advancement of Science
American Federation of Clinical Research
American Association of Immunologists
Ohio Allergy Society
Cincinnati Allergy Society (Past President)

COMMITTEES: AAAAI Committees:

AAAAI Foundation Major Gifts Chairman 2016-2021
AAAAI Foundation Vice Chairman 2019-2021
Board of Directors 2012-2016
Abstracts Subcommittee, Member, 1999 – 2001
Abstracts Subcommittee, EOD Ad Hoc Representative, 2001 – 2004
Abstracts Subcommittee, EORD Vice Representative, 2005 – 2007
Academic Development Committee, Member, 1994 – 1995
Aerobiology Committee, Member, 1992 – 1994
Air Pollution and Indoor Allergen Committee, Member, 2008 – 2012
Air Pollution Committee, Member, 1994 – 1999; 2006 – 2009
Air Pollution Committee, Vice Chair, 1999 – 2002
Air Pollution Committee, Chair, 2002 – 2007
Allergic Skin Diseases Committee, Member, 2006 – 2011
Annual Meeting Program Committee, Member, 2007 – 2011
Asthma & Allergic Diseases in the Elderly Committee, Member, 2006 – 2009
Environmental and Occupational Respiratory Diseases Interest Section,
Abstract Review Subcommittee Ad Hoc Representative, 1996 – 1998; 1999 – 2004
Environmental and Occupational Respiratory Diseases Interest Section, Workshops Vice
Representative, 2003 – 2005
Environmental and Occupational Respiratory Diseases Interest Section, Workshops

Representative, 2005 – 2007
 Environmental and Occupational Respiratory Diseases Interest Section, Secretary, 2005 – 2007
 Environmental and Occupational Respiratory Diseases Interest Section, Symposia Vice Representative, 2007 – 2009
 Environmental and Occupational Respiratory Diseases Interest Section, Vice Chair, 2007 – 2009
 Environmental and Occupational Respiratory Diseases Interest Section, Chair, 2009 – 2011
 Environmental and Occupational Respiratory Diseases Interest Section, Symposia Representative, 2009 – 2011
 Environmental and Occupational Respiratory Diseases Interest Section, Plenary Vice Representative, 2011 – 2013
 Environmental and Occupational Respiratory Diseases Interest Section, Plenary Representative, 2012 – 2014
 Indoor Allergen Committee, Member, 1999 – 2004
 Interest Section Coordinating Committee, Member, 2009 – 2011
 Occupational Diseases Committee, Member, 1992 – 1995; 1997 – 1998; 2002 – 2009; 2011 – 2015
 Occupational Diseases Committee, Chair, 1995 – 1997; 2000 – 2002
 Occupational Diseases Committee, Vice Chair, 1998 – 2000
 Plenary Subcommittee, EORD Vice Representative, 2011 – 2013
 Rhinitis, Rhinosinusitis and Ocular allergy Committee, Member, 2006 – 2011
 Symposia Subcommittee, EORD Vice Representative, 2007 – 2009
 Symposia Subcommittee, EORD Representative, 2009 – 2011
 Urticaria and Angioedema Committee, Member, 2006 – 2009
 Workshops Subcommittee, EOD Vice Representative, 2003 – 2004
 Workshops Subcommittee, EORD Vice Representative, 2004 – 2005
 Workshops Subcommittee, EORD Representative, 2005 – 2007
 Joint Task Force on Quality Performance Measures *and* Measures Stewardship Committee 2014-2017
 AAAAI representative to the 2016 Global Urticaria Forum (11/29 to 11/30 and the Consensus Conference URTICARIA 2016 (12/1/16, Berlin, Germany
 Mastocytosis committee 2014- present (MCAS Work Group Report committee – present)
 Secretary Treasurer AAAAI 2021-2022
 President Elect AAAAI 2022-2023
 President AAAAI 2023-2024
 Executive Board AAAAI 2021-2025
WAO Committees:
 Organizational and Steering Committee for the WISC 2016 conference Jerusalem Israel
 Board of Directors – 2019-2023
ACAAI Committees:
 Asthma Committee 6/1/2015-11/19/2020
 Dermatology Committee 6/1/2015-11/19/2020
 Asthma & Respiratory Disorders Subcommittee 11/10/2015-10/30/2017

Environmental & Integrative Medicine Subcommittee 11/10/2015-10/30/2017

Young Investigator Award Committee – Chairman 2020-2023

Allergists for Israel – Chairman 2002-present

University of Cincinnati:

Medical School Alumni Class of 1985 representative

Medical Center Fund

Investigators Committee

Grievance Committee

Medical Grand Rounds Representative for Division of Immunology

University of Cincinnati Division of Immunology Fundraiser chair

University of Cincinnati Medical School Admissions Committee 2020-2023

INTERASMA – Board of Directors 2013-2017

Vice President 2017-2019

President-Elect 2024-2026

HEREDITARY ANGIOEDEMA ORGANIZATION MEDICAL ADVISORY BOARD -

2010 – present

JOINT TASK FORCE PRACTICE PARAMETER GUIDELINE COMMITTEE –

Member 2018-2027

ABAI – CAP question writing committee 2022-present

GINA Advocacy Board

PREVIOUSLY FUNDED RESEARCH AWARDS:

- 1) T-Cell Mechanisms in Diisocyanate Occupational Asthma: Center Grant NIEHS5P30-ES06096; 5/93-5/94 Principal Investigator
- 2) Potential Allergenicity of Microbial Pesticides: U.S. EPA grant CR822898-01-02 and the National Biotechnology Strategy Fund; 8/94-8/97 Co-Principal Investigator
- 3) Investigation of Seminal Plasma Hypersensitivity Reactions in Gulf War Veterans: DOD Contract # DAMD17-96-C-6107; 9/96-3/00 Principal Investigator
- 4) Living with Asthma education grants: Glaxo Welcome and Merck IIS; 1/1/00-12/31/00 Principal Investigator
- 5) Genetics of Nonallergic Vasomotor Rhinitis: Center Grant NIEHS2P30ES06096; 4/02-3/03 Principal Investigator
- 6) Neurotoxic Effects of Fungi in Office Environments: NORA seed grant; 2003-2004 Co-Principal Investigator
- 7) Multiple Interventions in a Daycare Center to Improve Indoor Air Quality: Proctor and Gamble IIS; 2003-2005 Principal Investigator
- 8) Health Effects of CREON2000 In Asthmatic Children: SBIR NIH 1R43 AI053967-01; 2005-2006 - Co-Principal Investigator
- 9) Investigation of IL-13 Serum Markers In Patients With High And Low Total IgE Levels: Centacor IIS; 2005-2006 Principal Investigator
- 10) Using A Validated Questionnaire To Identify Phenotypic Markers Of Patients With Chronic Rhinitis: Medpoint IIS; 2007-2008 Principal Investigator
- 11) Assessment of women with and without asthma exposed to cleaning agents in the home: CHEST Foundation Women's Health Award; 2007-2008 Principal Investigator

- 12) Correlation of exhaled nitric oxide with the asthma control test: Glaxo Smith Kline IIS; 2007-2008 Principal Investigator
- 13) Use of Montelukast in the treatment of Non-Allergic Rhinitis with Eosinophilic syndrome - NCT00406094; Merck IIS 2009-2011 Principal Investigator
- 14) Olfactory responses in Non-Allergic rhinitis using fMRI before and after treatment with Azelastine: Meda Pharma IIS; 2009-2010 Principal Investigator
- 15) Environmental Exposure to Toluene Diisocyanate and Respiratory Health Effects: Agency for Toxic Substances and Disease Registry, in cooperative agreement with the North Carolina Department of Health and Human Services. Cooperative Agreement number U50/ATU472297; through an interagency agreement with the Division of Federal Occupational Health Services (ATSDR-05039473); through an agreement with the National Institute for Occupational Health Sciences; and through a contract with the University of Cincinnati Medical Center (200-2007-20405); 2009-2011 Principal Investigator.
- 16) Development Of TMA-HSA Skin Test Reagents For Use In Screening TMA Exposed Workers For TMA Sensitization: Flint Hills Resources IIS; 2009-2011 Principal Investigator
- 17) Health Effects of CREON2000 UV irradiation in homes of asthmatic children: NIAID R43 AI074918-01A2; 2009-2010 Co-Principal Investigator
- 18) Investigation of the relationship between chronic rhinitis and migraine headaches: Glaxo Smith Kline IIS; 2010-2013 Co-Principal Investigator
- 19) Evaluation of Ecallantide in ACE induced angioedema NCT01036659: Dyax Pharmaceuticals IIS; 2010-2013 Principal Investigator
- 20) Asthma and Smoking Cessation: American Lung Association SB-193355-N; 7/2011-6/2013 Co-Principal Investigator
- 21) Clinical Characterization of Chronic Urticaria Phenotypes: Genentech IIS; 2012-2013 Principal Investigator
- 22) Questionnaire evaluation of short term prophylaxis in HAE patients and treating physicians: ViroPharma IIS; 2012-2013 Principal Investigator
- 23) A randomized, single-blind (Investigator), controlled, crossover design study to investigate the effects of Vicks® VapoRub® (VVR) by functional magnetic resonance imaging (fMRI) in cold sufferers: Proctor and Gamble IIS; 2014 – Principal Investigator
- 24) Biomarker Discovery For Diagnosis And Treatment Of Non-Allergic Rhinitis Using An Environmental Challenge Chamber: Meda Pharmaceuticals IIS; Principal Investigator

CURRENTLY FUNDED AWARDS:

- 1) Investigation of the CREON2000 Ultraviolet Irradiation Unit in the homes of Asthmatic Children - U44 AI074918 NIAID (total budget - \$1,987,695)
- 2) Discovering potential peripheral blood biomarkers for diagnosis and management of Hereditary Angioedema attacks - IIS; Shire \$214,000
- 3) Treatment of chronic urticaria unresponsive to H1-antihistamines with an anti-IL5Ralpha monoclonal antibody – IIS, Astra Zeneca \$623,651
- 4) Does dental hygiene in HAE patients differ from the general population? IIR-USA-001273 Shire \$112,290
- 5) Treatment of hereditary angioedema prodrome with recombinant human recombinant C1-esterase inhibitor (Ruconest) (PI 10%) – IIS, Pharming \$296,723.78

- 6) Investigation of Epidemiology of Chronic Cough using an Electronic Questionnaire Survey using REDCap® (PI 10%) - IIS, Merck \$116,625
- 7) Investigation of Epidemiologic Characteristics and Economic Burden of Chronic Cough using a Large Electronic Medical Record Longitudinal Database (PI 5%) – IIS, Merck \$50,000
- 8) Investigation of Pathomechanisms Of Chronic Cough Using In Vitro Approaches (PI 10%) – IIS, Merck \$169,000
- 9) Determining the Accuracy of Cephalosporin Allergy Testing (Co-PI, 5%) – NIAID R34 planning grant - \$10,000
- 10) The Utility Of Functionally Relevant Signature Genes In Assessing The Clinical Outcomes Of Dupilumab Treatment (PI 10%) – IIS, Sanofi Regeneron \$591,535.22
- 11) Shared decision making in HAE (PI 10%) – IIS, Biocyst \$125,000

RESEARCH MENTORSHIP:

Esmond Geh, M.D. Ph.D. – Genetic Environmental Interaction Training Program Post-doctoral fellowship 2012-2015.

Thesis Committee for Department of Chemical Engineering for Master’s and PhD candidates 2012-present

FACULTY APPOINTMENTS:

- 7/1/89-6/30/90 - Instructor of Clinical Medicine, Northwestern University
- 7/1/90-9/1/93 - Instructor of Clinical Medicine, University of Cincinnati
- 9/1/93-11/6/97 - Assistant Clinical Professor, University of Cincinnati
- 11/11/97-2002 - Associate Professor of Clinical Medicine, University of Cincinnati
Faculty of Pathobiology and Molecular Medicine
- 7/1/90-9/09 - Medical Attending and Director of the VAH allergy clinic
- 9/1/02- 8/31/07 - Reappointment to Associate Professor of Clinical Medicine
- 3/06 - Promotion to Professor of Clinical Medicine
- 3/09 – Present - Reappointment to Professor of Clinical Medicine
- 1/08 – Present - Director of Clinical Research in the Division of Immunology
- 5/15 –7/1/16 - Director of Cincinnati VAH Clinical Research Unit
- 7/1/90 – Present –Cincinnati Children’s Hospital Medical Center

CLINICAL RESEARCH EXPERIENCE:

Principal Investigator at Bernstein Clinical Research from September 1990 – present: Served as PI or Co-PI for over 500 Phase 2, 3 and 4 clinical trials in children and adults related to Asthma, Allergic and Non-Allergic Rhinitis, Urticaria, Angioedema and COPD (too many studies to list individually). Drugs

investigated include Cinryze (IV and subq), Berinert (IV and subq), Ecallantide, Icatibant, Reslizumab, Omalizumab, Benralizumab, Tiotropium, Olodaterol, Azelastine, Budesonide/Fomoterol, Beclomethasone, Mepolizumab, DX 2930 (long acting kallikrein inhibitor), GrassMATA MPLG204, SLIT for DM, cat and grass pollen.

Director of Clinical Research at University of Cincinnati Immunology Research Center from January 2008 – present: Director and PI on physician-initiated Trials and Multicenter Phase 2, 3 and 4 clinical trials pertaining to hereditary angioedema, ACE-induced angioedema, asthma, COPD, RA and SLE.

Director of University VAH Clinical Research Unit May 2015-July 2016

TEACHING: Allergy/Immunology faculty attending – mentors allergy fellows in research and clinical care; Research mentor for medical residents, allergy fellows. Teach and clinically supervise 3rd and 4th year medical students and residents. Director of Bernstein Allergy Group Fellowship Teaching.

LECTURER: University of Medical School grand rounds, Allergy Societies, AAAAI, ACAAI, WAO, SLAAI, Interasma, WAO, EAACI.

EDITOR-IN-CHIEF: Journal of Asthma 9/2009 – 7/2022

EDITORIAL BOARD: Journal of Allergy and Clinical Immunology (2012-2017), Annals of Allergy, Asthma and Immunology (Annals Editorial Board 1/1/2010 – present); Allergy and Asthma Proceedings

REVIEWER: JACI, JACI: In Practice, Annals of Allergy, Asthma and Immunology, Allergy, WAOJ, Allergy and Asthma Proceedings, NEJM, CHEST

HONORS: Cincinnati Business Courier Health Care Heroes “Innovator of the Year Award” 2003
Voted Cincinnati Magazine “Top Doctor” award by peers and patients (2000-2020)
Top 1% nationally ranked among Allergists by US News and World Report (2011)
Alpha Omega Alpha – Elected November 5th, 2010
John E. Salvaggio Memorial Lectureship – 2015 AAAAI Houston, TX
Milton Gold Memorial Award Lectureship – 2015 Ontario Allergy and Asthma Society Meeting, Toronto, CA
Golden Pen Award – 2014-2015 University of Cincinnati Allergy Fellowship Training Program
Distinguished Clinician Award – AAAAI 2019
Outstanding Clinician Award – WAO 2019
Top reviewer award for Annals of Allergy Asthma and Immunology 2018 and 2019.
Top reviewer award for JACI: In Practice 2018 and 2019
Top reviewer award for JACI 2020

PATENTS: Optical Sensor US 2016 0041105 A1 7/2023

Optical Sensor 14/920.942

Therapeutic Agent US 8,900,643 B2 Dec 2, 2014

US Patent "11376261", entitled "Methods for diagnosing and managing treatment of atopic dermatitis" July 2022

LECTURES 2021-2022

AAAAI 2/28/2021 – Advanced therapy for urticaria: Practical implications

3/1/2021 – Chronic Idiopathic Urticaria: Therapeutic possibilities for antihistamine refractory patients

5/10/2021 – Chronic rhinitis – lecture to allergy fellows

5/20/2021 – Angioedema - Ukrainian National Congress for Allergy, Immunology and Immunorehabilitation

8/7/2021 – Treatment of Severe asthma – Alabama allergy society

8/20/2021 – Angioedema - HAE Latin American Russian Summit

9/2/2021 – Chronic spontaneous urticaria – CME Peer review

9/23-25 – Mast cell activation syndrome; Asthma- an update on GINA and NHLBI guidelines – Intermountain West Allergy Association Meeting
 11/26/2021 – A comparison of current strategies and guidelines on asthma management – GAA- Interasma symposium
 2/25/2022 – From acute to chronic, the many faces of urticaria diagnosing physical urticaria – AAAAI meeting
 3/2/2022 - Chronic Urticaria: Best Practice for Evaluation and Treatment – Medical Grand Rounds UC
 3/23/2022 – Occupational rhinitis – Mount Sinai Occupational Environmental Medicine Residency lecture
 3/29/2022 – Chronic urticaria – AMCP talk
 4/26/2022 – Novel biologic Treatments for Chronic Urticaria – BSACI 2022 meeting in Edinburgh, Scotland
 5/14/2022 – CSU for the practicing dermatologist – the John Weiss Memorial Lectureship – San Francisco Dermatologic Society
 7/9/2020 – Seminal plasma hypersensitivity; Mast cell activation syndromes; California Allergy Society

PUBLICATIONS:

- 1) Bernstein JA, Zeiss CR, Greenberger PA, Patterson R, Marhoul J. Immunoblot analysis of patients with allergic bronchopulmonary aspergillosis before, during and after an exacerbation. *J Allergy Clin Immunol* 1990; 86:532-539.
- 2) Bernstein JA, Greenberger PA, Patterson R, Glass M, Thyrum P. The effects of the oral leukotriene antagonist ICI 204,219 on LTD₄ and histamine induced cutaneous vascular reactions in man. *J Allergy Clin Immunol* 1990; 87:93-97.
- 3) Bernstein JA, Lawrence ID. The mast cell: a comprehensive, updated review. *Allergy Proc* 1990 Sep-Oct;11(5):209-23.
- 4) Bernstein J, Lawrence I. Urticaria. *Allergy Proc.* 1990;11(4):178.
- 5) Bernstein J, Zeiss CR. Atopic dermatitis. *Allergy Proc.* 1990; 11(4):170-1.
- 6) Bernstein J, Zeiss CR. Allergic rhinitis. *Allergy Proc.* 1990;11(4):158-9.
- 7) Bernstein JA. Potentially fatal asthma and syncope: A new variant of Munchausen's syndrome in sports medicine 1991; *Chest* 99:763-765.
- 8) Bernstein JA, Sheridan E, Patterson R. Asthmatic patients with panic disorders: report of three cases of management and outcome. *Ann Allergy* 1991; 66:311-314.
- 9) Bernstein JA, McGrath KG, Patterson R. Chronic cutaneous hypersensitivity dermatopathy: A second case, a six-year evaluation of the first case. *Allergy Proc* 1991; 12:261-266.
- 10) Bernstein JA. Occupational asthma: My job is making me sick. *Postgraduate Med* 1992;92; 109-118.
- 11) Bernstein JA. Allergic rhinitis Helping patients lead an unrestricted life. *Postgraduate Med* 1993;93: 124-132.
- 12) Bernstein JA. Reactive airways dysfunction syndrome. *Dpictions* 1993; 12:1-3.
- 13) Bernstein JA, Bernstein IL. Cromolyn and Nedocromil: novel anti-allergic drugs. *Immunology Allergy Clin of North America* 1993;13:891-902.
- 14) Bernstein JA, Kraut A, Bernstein DI, Warrington R, Bolin T, Warren CPW, Bernstein IL. Occupational asthma induced by inhaled egg lysozyme. *Chest* 1993; 103:532-535.

- 15) Bernstein JA, Herd ZA, Bernstein DI, Korbee L, Bernstein IL. Evaluation and treatment of localized vaginal immunoglobulin E-mediated hypersensitivity to human seminal plasma. *Obstetrics Gynecol* 1993; 82(4):667-673.
- 16) Bernstein DI, Korbee L, Stauder T, **Bernstein JA**, Bernstein IL. The low prevalence of occupational asthma and antibody dependent sensitization to diphenylmethane diisocyanate (MDI) in a plant engineered for minimal exposure to diisocyanates. *J Allergy Clin Immunol* 1993; 92:387-96.
- 17) Bernstein JA, Stauder T, Bernstein DI, Bernstein IL. A combined respiratory and cutaneous hypersensitivity syndrome induced by quaternary amines. *J Allergy Clin Immunol* 1994; 94:257-9.
- 18) Bernstein JA, Bernstein DI, Kagen S, Bernstein IL. Rapid venom immunotherapy is safe for routine use in the treatment of patients with hymenoptera anaphylaxis. *Ann Allergy* 1994; 73:423-428.
- 19) Bernstein JA. Nonimmunologic Adverse Drug Reactions. How to recognize and categorize some common reactions. *Postgrad Med* 1995; 98:120-126.
- 20) Bernstein JA. Allergic Drug Reactions. How to minimize the risks. *Postgrad Med* 1995; 98:159-172.
- 21) Leikauf GD, Kline S, Albert RG, Baxter CS, Bernstein DI, **Bernstein JA**, Buncher CR. Evaluation of a possible association of urban air toxics and asthma. *Environ Health Perspect* 1995; 103:253-271.
- 22) **Bernstein JA**. Letter to the Editor: Otitis media in children. *NEJM* 1995; 333:1151.
- 23) Bernstein JA. Overview of Diisocyanate Asthma. *J Toxicology* 1996; 111: 181-189.
- 24) Lummus ZL, Alam R, **Bernstein JA**, Bernstein DI. Characterization of histamine releasing factors in diisocyanate-induced occupational asthma. *Toxicology*. 1996;111(1-3):191-206.
- 25) Bernstein JA, Sugumaran R, Bernstein DI, Bernstein IL. Prevalence Human Seminal Plasma Hypersensitivity in North America. *Ann Allergy* 1997; 78:54-58.
- 26) Bernstein IL, Bernstein DI, **Bernstein JA**. How Does Auranofin Compare With Methotrexate and Cyclosporin as a Corticosteroid-Sparing Agent in Severe Asthma? *BioDrugs* 1997; 8:205-215.
- 27) Bernstein JA, Munson J, Herd ZL, Balakrishnan K, Leikauf G. T-cell Receptor V β Gene Segment Expression In Diisocyanate Occupational Asthma. *J Allergy Clin Immunol* 1997; 99:245-250.
- 28) Zimmermann N, **Bernstein JA**, Rothenberg ME. Genetic Characterization of Human CC Chemokine Receptor-3 Polymorphisms. *Biochimica et Biophysica Acta* 1998; 1442: 170-176.
- 29) Lummus ZL, Alam R, **Bernstein JA**, Bernstein DI. Diisocyanate antigen-enhanced production of monocyte chemoattractant protein-1, IL-8, and tumor necrosis factor- α by peripheral mononuclear cells of workers with occupational asthma. *J Allergy Clin Immunol* 1998; 102:265-275.
- 30) Knorr B, Matz J, **Bernstein JA**, et.al. Montelukast, a Once Daily CysLT1 Receptor Antagonist in the Treatment of Chronic Asthma in 6-to 14- Year Old Patients. A Multicenter, Randomized, Double-Blind Study. *JAMA* 1998; 279:1181-1186.
- 31) Nathan RA, **Bernstein JA**, Bielory L, et.al. Zafirlukast (ACCOLATE) Improves Symptoms of Asthma and Quality of Life in Patients with Moderate Airflow Obstruction. *J Allergy Clin Immunol* 1998;102: 935-942.
- 32) Bernstein JA, Bernstein DI, Stauder T, Lummus Z, Bernstein IL. A cross-sectional survey of sensitization to *Aspergillus oryzae*-derived lactase in pharmaceutical workers. *J Allergy Clin Immunol*. 1999;103(6):1153-7.
- 33) Bernstein IL, **Bernstein JA**, Miller M, et. al. Immune Responses in Farm Workers After Exposure to *Bacillus Thuringiensis* Pesticides. *Environmental Health Perspectives* 1999; 107:575-582.
- 34) Bagenstose S, **Bernstein JA**. Treatment of Chronic Rhinitis by an Allergy Specialist Improves Quality Life Outcomes. *Ann Allergy* 1999; 83: 524-528.

- 35) Rosa-Rosa L, Zimmermann N, **Bernstein JA**, Rothenberg ME, Khurana Hershey GK. The R576 Interleukin-4 Receptor Alpha Allele Correlates with Asthma Severity. *J Allergy Clin Immunol* 1999; 104: 1008-1014.
- 36) Yan L, Galinsky RE, **Bernstein JA**, Liggett SB, Weinshilboum RM. Histamine N-methyltransferase pharmacogenetics: association of a common functional polymorphism with asthma. *Pharmacogenetics* 2000; 10: 261-266.
- 37) Andrews RP, Burrell L, Rosa-Rosa L, Cunningham CM, Brzezinski JL, **Bernstein JA**, Khurana Hershey GK. Analysis of the Ser786Pro Interleukin-4 Receptor Alpha Allelic Variant in Allergic and Non-allergic Asthma and its Functional Consequences. *J Allergy Clin Immunol* 2001; 100: 298-304.
- 38) Hickmann MA, Nelson ED, Siegel EG, **Bernstein JA**. Are High-Dose Toxic Exposures Always Associated With Reactive Airways Dysfunction Syndrome (RADS)? *Archives of Environmental Health* 2001; 56: 439-442.
- 39) Trout D, **Bernstein J**, Martinez K, et.al. Bioaerosol Lung Damage in a Worker with Repeated Exposure to Fungi in a Water-Damaged Building. *Environ Health Perspectives* 2001; 109:641-644.
- 40) Bernstein JA, Bernstein DI, Bernstein IL. Allergenicity of Cry9C: An Unresolved Issue. *J Allergy Clin Immunol* 2001; 108: 655-6.
- 41) Bernstein JA, Bernstein IL. A Novel Case of Mealworm-Induced Occupational Rhinitis in a School Teacher. *Allergy and Asthma Proceedings* 2002; 23: 41-44.
- 42) Bernstein DI, Bernstein CK, Deng C, Murphy KJ, Bernstein IL, **Bernstein JA**, Shukla R. Evaluation of the clinical efficacy and safety of grapeseed extract in the treatment of fall seasonal allergic rhinitis: a pilot study. *Ann Allergy Asthma Immunol* 2002; 88:272-278.
- 43) Bernstein JA. Allergic Rhinitis and Asthma: The Role of Allergen Avoidance. *J Resp Diseases* 2002; 23; 572-580.
- 44) Bernstein JA, Garramone SM, Lower EG. Successful Treatment of Autoimmune Chronic Idiopathic Urticaria With Intravenous Cyclophosphamide. *Annals of Allergy, Asthma and Immunol* 2002; 89; 212-214.
- 45) Bernstein JA. ROSTRUM-Material Safety Data Sheets (MSDS): Are they reliable in identifying human hazards? *J Allergy Clin Immunol* 2002;110:35-8.
- 46) Darcey D, Lipscomb HJ, Epling C, Cherry LP, **Bernstein J**. Clinical Findings for Residents near a Polyurethane Foam Manufacturing Plant. *Arch Env Health* 2002; 57:239-246.
- 47) Prenner BA, **Bernstein JA**. Clinical Benefits of switching to an inhaled corticosteroid extrafine aerosol; a case series. *Eur Rev Med Pharmacol Sci* 2002;6:61-65.
- 48) Risma KA, Wang N, Andrews RP, Cunningham CM, Ericksen MB, **Bernstein JA**, Chakraborty R, Khurana Hershey GK. V75R576 IL-4 Receptor α Is Associated With Allergic Asthma and Enhanced IL-4 Receptor Function. *J Immunol* 169: 1604-1610; 2002.
- 49) Woo JG, Assa'ad A, Heizer AB, **Bernstein JA**, Khurana Hershey GK. -159 C->T Polymorphism of CD14 Is Associated with Non-Atopic Asthma and Food Allergy. *J Allergy Clin Immunol* 2003;112:438-444.
- 50) Sheth K, Lincourt W, Merchant BSK, Edwards L, Grim C, Dorinsky P, **Bernstein JA**. Patient Perceptions of an Inhaled Asthma Medication Administered as an Inhalation Powder via the Diskus or as an Inhalation Aerosol via a Metered Dose Inhaler. *Ann Allergy Asthma Immunol* 2003;91:55-60.

- 51) Bernstein DI, Karnani R, Biagini RE, Bernstein CK, Murphy K, Berendts B, **Bernstein JA**, Bernstein IL. Clinical and occupational outcomes in health care workers with natural rubber latex allergy. *Ann Allergy Asthma Immunol* 2003; 90:209-213.
- 52) Bernstein JA, Perez A, Floyd R. Is Burning Semen Syndrome a Variant Form of Seminal Plasma Hypersensitivity? *Obstetrics and Gynecology* 2003; 101:93-102.
- 53) Bernstein JA. Genetic Association Studies: What are they teaching clinicians? *J Allergy Clin Immunol* 2003; 111: 465-66.
- 54) Bernstein JA. High Efficiency particle arrest vacuums and cat allergen exposure. *J Allergy Clin Immunol* 2003; 112: 462.
- 55) Bernstein JA, Bernstein IL, Bucchini L, Goldman LR, Hamilton RG, Lehrer S, Rubin C, Sampson HA. Clinical and Laboratory Investigation of Allergy to Genetically Modified Foods. *Environ Health Perspectives* 2003; 111: 1114-21.
- 56) Bernstein JA. Pharmacoeconomic considerations for allergen immunotherapy. *Clin Allergy Immunol* 2004;18:151-164.
- 57) Bernstein JA, Alexis N, Barnes C, et.al. Health Effects of Air Pollution. *J Allergy Asthma Clin Immunol* 2004; 114: 116-1123.
- 58) Bagenstose S, Levin L, Bernstein JA. The Addition of Zafirlukast to Cetirizine Improves the Treatment of Chronic Urticaria in Patients with Autologous Serum Skin Test Results. *J Allergy Clin Immunol* 2004; 113:134-140.
- 59) Resnick DJ, Hatzis DC, Kanganis P, Liccardi FL, Lee-Wong M, **Bernstein JA**. The Approach to Conception for Women with Seminal Plasma Protein Hypersensitivity. *AJRI* 2004; 52:42-44.
- 60) Bernstein JA. Interfacing Computers and the Internet With Your Allergy Practice. *Clinical Reviews Allergy Immunol* 2004; 27: 115-121.
- 61) Finkelman FD, Yang M, Orekhova T, Clyne E, **Bernstein J**, Whitekus M, Diaz-Sanchez D, Morris SC. Diesel exhaust particles inhibit Interferon-gamma production by inhibiting cytokine effects on NK and NKT cells. *J Immunol* 2004; 172:3808-13.
- 62) Finkelman FD, Yang M, Perskins C, Schleifer K, Sproles A, Santeliz J, **Bernstein JA**, et.al. Suppression Effect of IL-4 on IL-13-Induced Genes in Mouse Lung. *J Immunol* 2005;174:4630-4638.
- 63) Bernstein JA. Chronic urticaria: an evolving story. *Isr Med Assoc J*. 2005 Dec;7(12):774-7.
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