This guide is intended for those who wish to review the literature in the related fields of allergy and asthma. Included is material appropriate for both the lay reader and the professional interested in recent research into causes and treatments. Not intended as a comprehensive bibliography, the guide is designed to specifically target resource materials on allergy and asthma. (JD)
ALLERGY AND ASTHMA
Compiled by Jan Ezkovich

TB 89-7
August 1989

SCOPE: About 40 million Americans suffer from some form of allergy. Allergies are sensitivities developed by certain people to otherwise harmless substances, called allergens. Allergens include house dust, animal dander, pollen, insect stings, some foods and drugs, poison ivy, cosmetics, and a host of products and substances generally considered innocuous.

Allergies can range in severity from the annoying symptoms of hay-fever (allergic rhinitis) and skin rashes (contact dermatitis), to more serious allergic asthma, and, in rare cases, to anaphylactic shock.

Asthma is a chronic lung condition characterized by wheezing, coughing, and difficulty in breathing caused by muscle spasms of the bronchi, a branching system of tubes which grow smaller as they go deeper into the lungs. The swelling of the mucosa within these tubes and the production of too much mucus by this lining compounds the difficulty an individual has in expelling air from the lung. Asthma attacks may be brought about by allergens, viruses, bacterial infections, chemical irritants, exercise, cold air, stress, and the like. Even normal functions such as menstruation and sleeping can trigger attacks in susceptible individuals.

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BRIEF INTRODUCTIONS


SUBJECT HEADINGS used by the Library of Congress, under which books on allergy and asthma can be located in most card, book, and online catalogs, include the following:

ALLERGY (Highly relevant)
ALLERGY IN CHILDREN (Highly relevant)
ASTHMA (Highly relevant)
ASTHMA IN CHILDREN (Highly relevant)
CONTACT DERMATITIS (Highly relevant)
FOOD ALLERGY (Highly relevant)
FOOD ALLERGY IN CHILDREN (Highly relevant)
HAY-FEVER (Highly relevant)
ALLERGENS (Relevant)
ALLERGY DESENSITIZATION (Relevant)
ANTIGENS (Relevant)
BRONCHIAL PROVOCATION TESTS (Relevant)
DELAYED HYPERSENSITIVITY (Relevant)
DRUG ALLERGY (Relevant)
ECZEMA (Relevant)
INSECT ALLERGY (Relevant)
MIGRAINE (Relevant)
SKIN TESTS (Relevant)
ALLERGY PRODUCTS (Related)
ANAPHYLAXIS (Related)
ANTIALLERGIC AGENTS (Related)
ANTIASTHMATIC AGENTS (Related)
BEE VENOM (Related)
CELLULAR IMMUNITY (Related)
COOKERY FOR ALLERGICS (Related)
ANTIHISTAMINES (Related)
BASIC TEXTS


SPECIALIZED TITLES


*Available in reference collection, Science Reading Room


COOKBOOKS AND DIET THERAPY
Additional recipes for allergies may be found by using the subject heading FOOD ALLERGY--DIET THERAPY--RECIPES.


HANDBOOKS, ENCYCLOPEDIAS and DICTIONARIES


BIBLIOGRAPHIES

Includes extensive bibliographies. RC591.D78 1987

Bibliography: p. 93-165.

GOVERNMENT PUBLICATIONS

"This report describes the distribution of immediate cutaneous hypersensitivity reactions to eight selected unstandardized allergens for the civilian noninstitutionalized U.S. population ages 6-74 years. The rates of hypersensitivity, computed from data collected in the second National Health and Examination Survey (NHANES II) 1976-80, are presented by selected demographic and socioeconomic factors."
Bibliography: p. 24-27.


Based on the report of the Task Force and the Other Allergic Diseases, National Institute of Allergy and Infectious Diseases.
CONFERENCE PROCEEDINGS


Papers first presented to a course sponsored by the Cardiothoracic Institute, London, and held Nov. 1984.


Contents: Anaphylaxis, why it happened and what to do.--Bronchial asthma: mechanisms and management of a complex obstructive airway disease.--Food sensitivity: handling reactions to foods and food additives.--Common seasonal and environmental allergens.
ABSTRACTING AND INDEXING SERVICES which index relevant journal articles and other literature are listed below. Some terms are suggested as aids in searching.

Abstracts on Health Effects of Environmental Pollutants (1972-) RA565.A1A26*
See: Allergen(s)
   Allergic
   Allergies
   Asthma
   Dermatitis
   Food Allergy
   Hay Fever
   Pulmonary Hypersensitivity

Prepared by the Allergy Division, Jewish Hospital and Medical Center of Brooklyn and published at the end of each issue of Journal of Allergy and Clinical Immunology, v. 15, 1944-v. 81, Mar. 1988, but has its own volume numbering, i.e., v. 9, May 1944-v. 75, Mar. 1988. Earlier volumes published elsewhere; see Union List of Serials for additional information.

Environmental Periodicals Bibliography (1972-) Z5863.E57E58*
See: Allergic Reaction
   Allergy
   Asthma

General Science Index (1978-) Z7401.G46*
See: Allergens
   Allergy
   Anaphylaxis
   Asthma
   Drugs--Side Effects
   Food Allergy
   Hay Fever

Index Medicus (1960-) Z6660.I442*
See: Allergens
   Allergy and Immunology
   Asthma
   Dermatitis, Atropic
   Desensitization
   Hay Fever
   Hypersensitivity

Note: Consult reference librarian for location of abstracting and indexing services in the Science Reading Room.
Magazine Index (1980-) Available on InfoTrac (N&CAPR)
See: Allergens
  Allergy
  Anaphylaxis
  Asthma
  Food Allergy
  Hay Fever

Readers' Guide to Periodical Literature (1900-) AI3.R45
See: Allergy
  Anaphylaxis
  Antigens
  Asthma
  Drug Allergy
  Hay Fever
  Hives (Skin Eruptions)
  Poison Ivy

Other indexes, listed here, should be used for an exhaustive search. Only a limited return can be expected for the time spent.

Biological Abstracts (1926-) QH301.B37*
See: Allergy
  Immunology (Imunochemistry)
  Pharmacology--Immunological Processes and Allergy

Biological & Agricultural Index (1916-) Z5073.A46*
See: Allergy--Man
  Asthma--Man

Cumulative Index to Nursing & Allied Health Literature
(1977-) Z6675.N7C8*
See: Allergens
  Asthma
  Anaphylaxis
  Hypersensitivity

Monthly Catalog of United States Government Publications
(1895-) Z1223.A18*
See: Allergy
  Asthma

Science Citation Index (1955-) Z7401.S365* see especially
Permuterm Subject Index (1965-) for entries under Allergy, Allergens, Asthma, Asthmatic, Eczema, Dermatitis, Desensitization, etc.

JOURNALS that often contain articles relevant to allergy and asthma are

Biannual Review of Allergy RC583.A47
JAMA, the Journal of the American Medical Association R15.A48
Representative Journal Articles


Lawrence, Susan V. Recent advances in hay fever research are nothing to sneeze at. Smithsonian, v. 15, Sept. 1984: 100-110. AS30.S6


REPRESENTATIVE RESEARCH ARTICLES


TECHNICAL REPORTS are indexed in the following guide:

Government Reports Announcements & Index (1946-) Z7916.G78*
See: Allergic Diseases
Allergic Skin Diseases
Asthma

SELECTED TECHNICAL REPORTS

"HEI-RR-87/14."

PB88-234455**


PB88-185111**

Also published in Toxicology and Industrial Health (v. 3, no. 4, 1987, p. 507-517).

"NCHSR 88-52."

PB88-111769**

Available in Microform Collection, Science Reading Room
SELECTED MATERIALS available in the Science Reading Room pamphlet boxes include:


"Because they suffer from petrochemical hypersensitivity, thousands of people can't tolerate modern substances that the rest of us take for granted. Helping them live in the Twentieth Century is the task of four environmental-control units."


ADDITIONAL SOURCES OF INFORMATION

American Academy of Allergy and Immunology
611 East Wells Street
Milwaukee, Wisconsin 53202
Telephone: (414) 272-6071
Answers inquiries or refers inquirers to other sources of information; publishes Journal of Allergy and Clinical Immunology; holds annual scientific meetings and conducts seminars.

Asthma and Allergy Foundation of America
1717 Massachusetts Avenue, N.W.
Suite 305
Washington, D.C. 20036
Telephone: (202) 265-0265
Answers inquiries; provides consulting and reference services.

Lung Line Information Service
National Jewish Center for Immunology and Respiratory Medicine
1400 Jackson Street
Denver, Colorado 80206
Telephone: (800) 222-5864; (303) 388-4461
Lung Line is a nonprofit educational service staffed by experienced nurses who answer questions and refer names of physicians to callers. Distributes pamphlets and Med Facts sheets providing information on inhalers, drugs, trigger factors in asthma, etc. Service is provided from 8:00 a.m. to 5:00 p.m., Monday through Friday.

National Institute of Allergy and Infectious Diseases
Office of Communications
NIH Building 31, Room 7A32
Bethesda, Maryland 20892
Telephone: (301) 496-5717
Answers inquiries; maintains specimen and data banks of ragweed antigens and antisera and antigens for viruses, bacteria, mycoplasma, and tissue typing reagents for transplantation.