

## Subject Index - Sach-Register

- Adrenalin  
- aerosol 109  
and antihistamine drugs 309, 319
- Aerosol (s) 84-124  
in chemical warfare 84  
definition of - 86  
equipment for generation of - 95  
history of - 91  
insecticidal - 86  
particle size of - 89, 100  
control of - - 89  
effect of - - on distribution 101  
stabilization of - - 108  
particles, deposition in the lungs 103, 106  
in therapy of diseases of the lung and bronchi 84-124  
acute pulmonary infections 112  
bronchiectasis 113  
nontuberculous suppurative dis. 118  
tuberculosis 119  
drugs utilized in - -  
ascorbic acid 120  
chlorophyll 119  
hydrogen peroxide 118  
penicillin 112  
streptomycin 117  
sulfonamides 117  
rebreathing in - - 100, 106  
- and Fındeıs theory 106
- Aerosol OT 86
- Aerosol-Test  
Abramson's for lung-function 120  
Kallós and Pagel's for antihistamine drugs 6, 299, 348
- Agglutination, see antigen-antibody reactions
- Allergic diseases  
in animals 58-71  
of the ear 134-166  
of the nervous system 265-289  
of the nose and paranasal sinuses 125, 128, 346-347  
of the respiratory tract  
aerosol therapy in 84-124  
antihistamine drugs in 346-349  
bronchoscopic therapy in 72-83  
hyposensitization in - 3, 129-133, 346-348  
of the skin 167-264 (see also Skin)
- Anaphylaxis  
and allergic diseases 1, 2  
antihistamine drugs in - 303
- Animals  
allergic diseases in -  
experimental - - 5  
identity with allergic dis. in  
humans 58, 70  
spontaneous 58-70  
in cattle 60  
in dogs 61  
in horse 60  
in other animals 68  
immunological studies in - - 61  
treatment of - - 63
- Antergan 292
- Antibody (Antibodies)  
auto- 36  
blocking- 2, 39  
immunity and - - 3, 40  
properties of - - 39  
specificity of - - 3, 40  
transmission through placenta of - - 3, 39  
blood group - see Blood group antigens and antibodies  
cellular- 3  
chemistry of - 3, 32  
comparative studies 3  
formation of - 11, 34, 40  
adjuvants in - - 34  
Forssman - 36  
humoral - 3  
immunochemistry of - 1, 11, 32  
inhibiting -, see Antibody, blocking neutralizing-, see Antibody, blocking  
organspecific - 7, 35, 246-263, 285-289  
purification of - 32  
properties of purified - 33  
Rhesus -, see Rhesus antibody  
quantitative determination 1, 2, 11-57  
skin sensitizing - see Skin  
specificity of - 2, 11-57  
valence of - 2, 11-57
- Antigen (s)  
autogenous - 7, 35-36, 246-263, 288  
blood group, see Blood group antigens  
definition 43  
immunochemistry 43-48
- Antigen-Antibody reactions 11-57

- Antigenicity, chemical criteria of - 43
- Antihistamine drugs 290-352  
 amino acids as - 290  
 chemical properties of - 291  
 definition of - 290  
 effect of - -  
   on allergic reactions 304, 349  
   -- of the skin 301, 329, 349  
   on anaphylactic shock 303  
   on antibody production 308  
   on histamine reactions 296  
 local anaesthetic effect of - 310  
 mechanism of antihistamine and anti-  
 allergic effect of - 316  
 pharmacology of - 290-328  
 pharmacological basis of therapeutical  
 use - 294, 308, 322  
 pharmacological evaluation of - 296,  
 308  
 relation of experimental to therapeuti-  
 cal effectivity 319  
 relation to sympatho- und para-  
 sympathomimetic drugs 314  
 toxicity of - 310  
   and side effects of - 308, 350  
 therapeutic effect in  
   allergic eczema 335  
   angioedema 334  
   asthma bronchiale 348  
   drug eruptions 336  
   headache  
     experimental 342  
     histamine - 341  
     migraine - 341  
   insect bites 339  
   itching 349  
   Ménière's syndrom 340  
   rhinitis allergica  
     non saisonal 346  
     saisonal (hay fever) 346  
   serum sickness 336  
   urticaria  
     acute 332  
     chronic 333  
     cold- and heat- 333
- Antistine 292, 329-352
- Arginine 290
- Asthma bronchiale  
 bronchoscopic therapy in - 72-83  
 experimental -  
   in animals 5  
   in humans 6  
 treatment with aerosols 84-124  
   - with antihistamine drugs 322, 329  
   - with hyposensitization 129-133
- Atomization 86, 95  
 - bronchogram 96
- Atomizer 95, 97
- Atropine 290
- Benadryl 292
- Blocking antibody see Antibody, block-  
 ing
- Blood group antigens and antibodies 2,  
 11-57, see also Rhesus antigens and  
 antibodies
- Bronchial asthma, see Asthma bronchiale
- Bronchiectasis  
 aerosol therapy in - 84  
 bronchoscopic therapy in 79
- Bronchoscopy 8, 72
- Bronchoscopic therapy 72-83  
 in asthma bronchiale 72  
 in bronchiectasis 79  
 in drug refractory cases 75  
 in emergency cases 75  
 immediate life saving effect of - 72  
 indications, contraindications, hazards  
 of 75-80  
 pathogenesis of asthma and - 74  
 precautionary measures in - 84  
 pulmonary atelectasis and - 77  
 status asthmaticus and - 76
- Cephalgia see Headache
- Chemistry, immuno- of antigens and  
 antibodies 11-57
- Chlorophyll 119
- Complement 31, 48
- Constitutional reactions in skin testing  
 and hyposensitization  
 prophylactic use of antihistamine drugs  
 346, 349  
 therapeutic use of antihistamine drugs  
 346, 349
- Cysteine 290
- Danders as antigens  
 animal 4  
 human 7, 247-264  
   in infantile eczema 247-264
- Decapryn 292
- Delayed (tuberculin type) reaction to  
 allergens 6, 194, 203, 208
- Demerol  
 hazards of use in asthma 80
- Demyelinating diseases of the nervous  
 system 7, 12, 35, 281, 288, see also Dis-  
 seminated sclerosis
- Desensitization 3
- Diatrin 292
- Disseminated sclerosis 7, 35-36, 280,  
 285-287, 288-289
- Drug eruptions  
 rôle of allergy in - 225-230  
 treatment with antihistamine com-  
 pounds 336-339
- Dust, house - as allergen 4  
 chemistry of - - 4  
 hyposensitization with - - 130  
 - "small dosage scheme" 130  
 importance in asthma 4  
 molds vs. - 4

- Ear, middle, allergy in 134-166  
   acute inflammation and - 136  
   chronic inflammation and - 140  
     citology of secretions in - 141  
     eosinophile cells in - - 141  
   experimental allergic inflammation in -  
     159  
 Eczema, see Skin, see also Infantile  
   Eczema  
 Encephalopathies, allergic 7, 35, 265-289  
 Eosinophile cells in secretions 124, 134  
 Epilepsy and allergy 279, 286  
 Fibrinfilms and foams 43  
 Hay fever  
   allergen (pollen) chemistry of 39, 47  
   in animals 58-71  
   diagnosis 131  
   treatment  
     with antihistamine drugs 346  
     with hyposensitization 129-133, 346  
 Headache 265-289, 341-345, see also  
   Migraine  
 Hemocyanine 13  
 Hetramine 292  
 Histamine  
   and allergy 5, 294  
   and anaphylaxis 5, 293  
   and antihistamine drugs 290-352  
   cephalgia 341  
   desensitization with - 333, 341, 342  
   headache 341  
   - like substances 294  
   release 5, 294  
   secretory effects 302  
   slow reacting substance and - 294  
 Histamine-acrosol-test (Kallós and Pagel)  
   for evaluation of antihistamine drugs  
   6, 299  
 Histidine 290  
 Horton's syndrome see Antihistamine  
   drugs in histamine headache, also  
   Histamine headache  
 House dust see Dust, house  
 H-substance, see Histamine-like  
   substances  
 Hyaluronidase and antihistamine drugs  
   316  
 Hydrogen peroxide aerosol 118  
   effect of sputum-catalase on - 119  
 Hyposensitization  
   definition 3  
   in treatment of allergic diseases 129-  
     133, 346  
 Immediate reaction to allergens 6, 201  
   and antihistamine drugs 329, 349  
 Immunization 3  
   - antibody formation in 11-57  
 Immunochemistry 11-57  
 Infantile eczema 222-225, 246-263  
   allergic phenomena in - 7, 222-225  
   allergy to human dander in - 7, 246  
     - 263  
 Inhibiting antibody, see Antibody,  
   blocking  
 Insulin  
   allergy to 40, 336  
   - treatment with antihistamine drugs  
     336  
 Itching  
   and histamine 301  
   and antihistamine drugs 301, 323,  
     332-339  
 Lewis' phenomenon ("triple response")  
   see Triple response  
 Ménière's syndrom, antihistamine drugs  
   in 340  
 Mental factors  
   rôle in allergic diseases 8  
 Migraine 265-284, 285-287, 341-346  
   capillaroscopy in 272  
   edema in 270  
   epilepsy and - 266  
   electroencephalogram in 266  
   focal signs in 268  
   signs and symptoms in 267  
   treatment of - with antihistamine  
     drugs 341-346  
     - with ergot-alkaloids 341-346  
   water balance in 273  
 Mist see Aerosol  
 Molds  
   and house dust 4  
   hyposensitization with 129  
 Multiple sclerosis see Disseminated  
   sclerosis  
 Nebulization 88  
 Nebulizer (s) 88, 97  
   tandem - 105  
 Neoantergan 292  
 Nervous system  
   allergic diseases of 265-289  
 Neuritis retrobulbaris  
   allergic origin of 265-289  
   edema of the optic nerve in 266  
 Neuropathies, allergic 265-289  
 Neutralizing antibody, see Antibody,  
   blocking  
 Nitrogen content  
   of antigens and antibodies 12  
   determination of 12  
   importance of - for immunological  
     problems 12  
   and quantitative immunochemistry 12  
 Nose, allergy of 125-134, 346-348  
   bacteriology in 125  
   causative agents in 126  
   citology of secretions in 125  
   significance of eosinophilia 125  
   histopathology 126  
   involvement of other organs in 125

- mucosal changes 125  
 polyposis in 127  
 roentgen-findings in 126  
 sinus involvement in 126  
 treatment of  
   with antihistamine drugs 290-352  
   with hyposensitization 129-133, 346  
     - 348
- Opiates**  
   hazards in asthma 79
- Otitis media, allergic, see Ear**
- Paranasal sinuses, allergy of see Nose**
- Passive transfer of antibodies**  
   in anaphylaxis 17  
   in animals with allergic diseases 59  
   in eczema 182  
     cell-transfer-technique 188  
     Prausnitz-Küstner-technique 182,  
       249-264  
     skin-transplantation-technique 186  
     Urbach-Koenigstein-technique 182  
     in tuberculosis 207
- Placenta, permeability for antibodies 37, 188**
- Pauling's theory of antibody-formation 1, 23**
- Penicillin, aerosol in asthma-therapy 84 - 124**  
   - allergy, antihistamine drugs in 336
- Phenergan 293**
- Phenolsulfonphtalein-aerosol-test (Abramson), for lung function 120**
- Physical allergy, antihistamine drugs in 333**
- Placebo (s) 8, 339, 342**
- Pollen**  
   chemistry 39, 47  
   hyposensitization in hay fever 129, 346
- Precipitation, see Antigen-Antibody reaction**
- Psychic factors in allergic diseases 8, 76, 243, 274, 339, 341-352**
- Psychosomatic diseases 8**
- Pyribenzamine 292**
- Rhesus antigens and antibodies 2, 36**
- Rhinitis, allergic, see Nose**
- Ricin 20**
- Rutin 314**
- Sabin's theory of antibody formation 41**
- Sensitization 3, 176**
- Skin**  
   allergic diseases of - 167-235, 236-245, 246-264  
   atopic dermatitis 171-175  
   eczema 175-201  
     antibodies in 182  
     causes of 197  
     eczematous reactivity in 188  
   hypersensitiveness in 191  
   intracutaneous reactions in 194  
   patch tests in 193  
   sensitization in 176  
   sensitizing agents in 177  
   specificity of sensitization in 195  
   infantile eczema, see Infantile eczema  
   urticaria  
     acute 168-171  
     chronic 169-171, 236-245  
       causative agents 240  
       clinical findings in 239  
       etiology of 237  
       methods of investigations in 238  
       psychic factors in 243  
       treatment with antihistamine drugs 290-352  
   lesions of -, various 209-230  
   rôle of allergic phenomena in -  
   dermatophytosis 214  
   drug eruptions 225  
   "Ids" 211  
   infantile eczema 222, 246  
   ring-formation 209  
   seborrheic dermatitis 220  
   reactions, allergic, various types 201 to 209  
     eczematous 207  
     papular 6, 7, 203  
     urticarial 6, 7, 201  
   tests, in allergic diseases  
     of animals 58  
     of the ear 134  
     of the nervous system 265  
     of the nose 125  
     of the skin 167-208, 236-245, 246-263  
     and antihistamine drugs 349  
     quantitative evaluation of - 329
- Streptomycin-aerosol 117**
- Tetrahydrofluoranthrene 293**
- Thenylene 292**
- Thephorin 293**
- Thymoxyaethyl-diethylamine 292**
- Thyroglobulin 13**
- Tiselius, analytical methods 1**
- Toxin-antitoxin-reaction 28**
- Trimeton 293**
- Triple response (Lewis' phenomenon) 301, 330**  
   planimetric evaluation of 330
- Tuberculin-type skin reaction, see Delayed reaction**
- Tuberculosis, respiratory**  
   hydrogen-peroxide-aerosol in 119
- Valence of antibody 2, 3, 32**
- Vaporization 89**
- Virus(es) and antiviral 19**