2020 Keyword List

Each abstract must be submitted with one keyword, chosen by the submitting author. The keyword will be used to assist in the systematic review and organization of abstracts and their subsequent presentations. Abstract submitters should provide the appropriate notations on the online submission form. Abstracts submitted without this information will not be reviewed for presentation at the 2020 AAAAI Annual Meeting.

Anaphylaxis, Dermatology & Drug Allergy (ADDA)

The ADDA Interest Section is the community for AAAAI members interested in the pathophysiology, diagnosis and optimal therapeutic strategies for anaphylaxis, dermatological diseases, drug allergies, and integrative medicine. In addition, efforts focus on education of members, patients and the public in order to facilitate best practices on the successful management of these conditions.

101. ADDA: Other
102. Adverse Reactions to drugs and biologics Diagnosis and Treatment
103. Anaphylaxis
104. Angioedema (idiopathic, hereditary)
105. Atopic dermatitis and other eczemas
106. Complementary and Alternative Treatments in Allergy/ Controversial Treatments
107. Contact dermatitis/Contact hypersensitivity
108. Dermatologic disease: Diagnosis (skin biopsy [technique, immunofluorescence, interpretation], patch testing)
109. Dermatologic Disease: Treatments
110. Epidemiology of ADDA disorders
111. Immune mediated skin disorders
112. Insect Hypersensitivity
113. Latex allergy (allergens, diagnosis, treatment)
114. Urticaria (acute, chronic, physical)
Asthma Diagnosis and Treatment (ADT)

This interest section is the community for AAAAI members interested in advancing the knowledge and understanding of asthma diagnosis and treatment. Topics covered include: allergen specific and non-specific bronchoprovocation, allergic and immunologic assessment and imaging studies, allergic bronchopulmonary aspergillosis, exercise-induced bronchoconstriction and exercise testing, inhalation delivery devices, pharmacologic and immunologic therapy.

201. Asthma: Diagnosis (allergic, immunologic, inflammatory and genetic assessment)

202. Asthma: Diagnosis (pulmonary function, bronchoprovocation, imaging)

203. Asthma: Epidemiology, Intervention, and Public Health

204. Asthma: Exercise-induced bronchospasm

205. Asthma in Schools

206. Asthma: Other

207. Asthma: Outcomes/Mortality

208. Asthma: Pathophysiology (includes lower airway remodeling)

209. Asthma: Pathogenesis (Risk factors, genetics, infections that increase asthma risk, air pollutants, environmental tobacco smoke)

210. Asthma: Presentation and Problems in Different Age Groups (Infants/Childhood/Adults/Elderly)

211. Asthma: Prevention/Disease modification

212. Asthma: Therapy (biologics, immunomodulators)

213. Asthma: Therapy (Inhaled steroids/Beta-Agonists/Muscarinic Antagonists/LTRAs)

214. Bronchiolitis

215. COPD, Asthma/COPD Overlap Syndrome

216. Cough: mechanisms, diagnosis, therapy

217. Cystic Fibrosis
218. Hypersensitivity Pneumonitis
219. Interstitial/Immunologic lung disease
220. Reactive Airways Dysfunction Syndrome

**Basic and Clinical Immunology (BCI)**

The BCI Interest Section is the AAAAI’s collaboration and networking community for clinicians, scientists and physician-scientists. This interest section advances the knowledge and understanding of basic and clinical immunology. Topics covered in this interest section include: autoimmunity, diagnostic immunology, epidemiology, immunomodulation, immune-mediated inflammatory diseases, immunogenetics, primary and secondary immunodeficiencies, and vaccines.

301. Apheresis
302. Autoimmunity/Serologic Tests for Autoimmunity/Systemic autoimmune diseases
303. BCI: Other

304. Biological Therapies/ Gene Transfer/ Immunomodulators/ Suppressives (including anti-IgE, DNA, CpG ODNs)/ Immunoglobulin Replacement Therapy
305. Delayed type hypersensitivity tests
306. Dendritic cells/Antigen presenting cells
307. Immune Endocrinopathies (Thyroid, Diabetes, Adrenal)
308. Immune tolerance/Immunoregulation

309. Immunodiagnostics/ Major Histocompatibility Complex/Serologic Tests (ELISA, Western blot/Cell surface markers and receptors (flow cytometry)/Molecular Diagnostics/Tissue Typing/Cell Surface Markers

310. Immunogenetics
311. Immunohematologic Diseases
312. Immunologic Aspects of Infectious Diseases (Lyme Disease, TB, Leprosy, Hepatitis, Syphilis)
313. Immunologic Neuropathies
314. Immunologic Renal Diseases
315. Innate immunity: Pattern recognition receptors and signaling
316. Lymphocytes (T/B/NK/ILC)
317. Microbiome and Immune Development/Regulation

318. Molecular Biology (TRECs, RTPCR, Gene Chips, Whole Exon Sequencing, GWAS)

319. Mucosal immunity

320. Neutrophils/Phagocytosis/Killing

321. Primary (Congenital) Immunodeficiencies: B Cell/ Antibody Deficiencies; Complement Deficiencies; Neutrophil Deficiencies; T Cell Deficiencies

322. Reproductive Immunology

323. Secondary (Acquired) Immunodeficiencies/HIV

324. Transplantation Immunology: (Bone Marrow Transplant, stem cell transplant, solid organ transplant, graft-vs-host disease)

325. Tumor immunology (leukemia, lymphoma, myeloma)

326. Vaccines/Immunoprophylaxis Vaccine

**Environmental and Occupational Respiratory Diseases (EORD)**

The EORD is the community for AAAAI members interested in asthma and occupational respiratory diseases. Topics covered under this interest section include: aerobiology, air quality (both external and internal), infections and asthma, and workplace respiratory and skin conditions.

401. Aerobiology

402. ABPA

403. Airborne Allergens: dust mites, cockroach, animals, molds, pollens

404. Asthma: Occupational

405. Biodiversity loss

406. Climate change

407. Environmental exposure assessment and Abatement/Environmental control

408. Environmental exposures in daycare, preschool and school, including indoor air quality

409. Environmental occupational disorders other than asthma (laboratory animals, agricultural dusts, textiles)

410. Environmental respiratory and skin disease

411. EORD: Other
412. Indoor Air Quality (NO2, ETS, e-cigarettes, dampness, wood smoke, endotoxin)

413. Infection and Asthma

414. Infectious Agents

415. Irritants

416. Outdoor Air Quality (O3, SO2, NO2, Particulates, CO)

417. Smoking cessation, e-cigarettes, cannabis

**Food Allergy & Eosinophilic Disorders (FAED)**

The FAED Interest Section is the community for AAAAI members interested in the pathophysiology, diagnosis and optimal therapeutic strategies for food allergy and eosinophilic gastrointestinal disorders. In addition, efforts focus on education of members, patients and the public in order to facilitate best practices on the successful management of these conditions.

501. Allergen Immunotherapy: Food

502. Eosinophilic Gastrointestinal Disease (Eosinophilic colitis/Eosinophilic Enteritis/Eosinophilic Esophagitis/Eosinophilic Gastritis) Diagnosis, Treatment

503. Epidemiology of FAED disorders

504. FAED: Other

505. Food Allergens: Structure/Cross-Reactivity

506. Food Allergy/Hypersensitivity: Diagnosis, Treatment, Emerging Treatments

507. Food challenge

508. Immunologic/Inflammatory Gastrointestinal Disorders (Celiac Disease, Non-celiac gluten sensitivity, FPIES, Inflammatory Bowel Disease)

**Health Outcomes, Education, Delivery and Quality (HEDQ)**

The HEDQ Interest Section is the community for AAAAI members interested in a forum for assessment of clinical investigation, health services research and patient education. Topics covered under this interest section include: adherence, health informatics (electronic health/electronic medical records), health quality and outcomes, working with underserved populations and promotion of allergy / immunology as a specialty to those underrepresented populations in the A/I practice continuum.

601. Adherence

602. Adverse Event Reporting
603. Asthma Education and Outcomes
604. Billing and Coding/Insurance Issues (e.g., contracts, appeals)
605. Biostatistics and data analysis
606. Clinical Quality Improvement
607. Clinical Trials: Design/Best Practice
608. Controversial Tests/Misuse of Standard Tests
609. EHR/EMR/Health Informatics
610. Epidemiology
611. Ethics
612. Evidence-based/Clinical Practice Guidelines
613. Health Behavior and Education
614. Healthcare Disparities
615. Healthcare Quality and Outcomes
616. Health Economics/Economic Outcomes
617. Health Literacy
618. Health Policy/Advocacy
619. HEDQ: Other
620. Informed Consent
621. International Healthcare
622. Professionalism/Professional Development
623. Quality of Life
624. Social Media
625. Technology

**Immunotherapy, Rhinitis, Sinusitis and Ocular Diseases (IRSO)**

The IRSO Interest Section is the community for AAAAI members interested in focusing and networking on the pathogenesis, prevalence, diagnosis and management of rhinitis, sinusitis and hypersensitivity ocular disorders. Topics covered under this interest include: allergy
diagnostics and standardization, immunotherapy, diagnosis and treatment of rhinitis, sinusitis and ophthalmic conditions secondary to allergy.

701. Allergen Immunotherapy Extracts: Standardization/Cross-Reactivity/Compatibility

702. Allergen Immunotherapy: Mechanisms

703. Allergen Immunotherapy: Newer Techniques (Non-food/ Intralymphatic/Epicutaneous/Other routes/Peptides/Recombinant)

704. Allergen Immunotherapy Trials: Designs/Outcome Measures

705. Allergen Immunotherapy: Venom

706. Allergen Immunotherapy with aeroallergens: SLIT/SCIT/Rhinitis/Asthma/AD

707. Allergy Diagnostics: Skin tests/In-Vitro Tests/Biomarkers

708. Epidemiology of Rhinitis, Sinusitis, Middle Ear Disorders and Ocular Diseases

709. IRSO: Other

710. Ocular Disorders (Immunologic Eye Disease/Conjunctivitis): diagnosis and therapy

711. Rhinosinusitis: pathophysiology

712. Sinuses/AFS/Middle Ear Surgical Intervention

713. Upper Airway, Nose, Sinuses, Middle Ear Disorders: diagnosis

714. Upper Airway, Nose, Sinuses, Middle Ear Disorders: treatment

**Mechanisms of Asthma and Allergic Inflammation (MAAI)**

The MAAI Interest Section is the community for AAAAI members interested in focusing and networking on the cellular, molecular, genetic and biological processes that are involved in the pathogenesis of allergy, inflammation and asthma.

801. Adhesion Molecules and Homing

802. Allergens: Molecular Biology/Structure/Function/Cross-Reactivity

803. Animal Models of Allergic Diseases

804. Complement in Allergic Disease/Anaphylaxis

805. Cytokines/Chemokines/Lipid Mediators

806. Dendritic Cells/ Antigen-Presenting Cells in Allergic Disease

807. Endothelial/Epithelial/Smooth Muscle/Fibroblasts
808. Eosinophils/Hypereosinophilic Syndromes
809. IgE and Fcε-R/IgE receptor/Allergen Binding
810. Innate Immune Mechanisms and Allergy (TLRs, NLRs)
811. Kinins/Anticoagulant pathways in the mechanism of angioedema
812. MAAI: Other
813. Mast Cells and Basophils
814. Mast Cell Disorders
815. Mechanisms of Allergic Diseases
816. Mechanisms of Mediator Secretion/Preformed Mediator Release/Mediator Detection
817. Microbiome and Allergic Disease
818. Platelets
819. Signal Transduction
820. T cells and B cells in Allergic Disease

**Allied Health**: Allied health members play an integral role in providing optimal patient care. The Allied Health Professionals Assembly is the AAAAI community for nearly 500 professionals engaged in the field of allergy / immunology or a related field in patient care, a technical or administrative capacity or working in research laboratories. Examples include allergy technicians, nurse practitioners (NPs), registered nurses (RNs), licensed practical nurses (LPNs), medical administrators, physician’s assistants (PAs), pharmaceutical employees, technologists and research associates.

901. Asthma and the Allied Health Professional
902. Food/Drug/Insect/Latex Allergy and the Allied Health Professional
903. Immunotherapy and the Allied Health Professional
904. Office Management/Procedures and the Allied Health Professional
905. Other Allied Health Topics
906. Patient Education and the Allied Health Professional
907. Rhinitis and the Allied Health Professional