



Curriculum Vitae

Personal information **Ioana Agache**

Work experience

1. Employer: Transylvania University Brasov
 - Start date: 092018
 - End date:
 - Position: Professor
 - Activities: Responsible for Allergy and Immunology curricula Responsible for Physiology curricula
 - Country: Romania

Education and training

1. Subject: Carol Davila University
 - Start date: 091988
 - End date: 061994
 - Qualification: Medical doctor
 - Organisation: Allergy, asthma, clinical immunology
 - Country: Romania

Additional information

Publications

Agache I, Zemelka_Wiącek M, Shamji MH, Jutel M. Immunotherapy: State_of_the_art review of therapies and theratypes. *J Allergy Clin Immunol.* 2022 Dec;150(6):1279_1288 Agache I, Shamji MH, Kermani NZ, Vecchi G, Favaro A, Layhadi JA, Heider A, Akbas DS, Filipaviciute P, Wu LYD, Cojanu C, Laculiceanu A, Akdis CA, Adcock IM. Multidimensional endotyping using nasal proteomics predicts molecular phenotypes in the asthmatic airways. *J Allergy Clin Immunol.* 2023 Jan;151(1):128_137. Agache I, Sampath V, Aguilera J, Akdis CA, Akdis M, Barry M, Bouagnon A, Chinthrajah S, Collins W, Dulitzki C, Erny B, Gomez J, Goshua A, Jutel M, Kizer KW, Kline O, LaBeaud AD, Pali_Schöll I, Perrett KP, Peters RL, Plaza MP, Prunicki M, Sack T, Salas RN, Sindher SB, Sokolow SH, Thiel C, Veidis E, Wray BD, Traidl_Hoffmann C, Witt C, Nadeau KC. Climate change and global health: A call to more research and more action. *Allergy.* 2022 May;77(5):1389_1407 Agache I, Antolin_Amerigo D, de Blay F, Boccabella C, Caruso C, Chanez P, Couto M, Covar R, Doan S, Fauquert JL, Gauvreau G, Gherasim A, Klimek L, Lemiere C, Nair P, Ojanguren I, Peden D, Perez_de_Llano L, Pfaar O, Rondon C, Rukhazde M, Sastre J, Schulze J, Silva D, Tarlo S, Toppila_Salmi S, Walusiak_Skorupa J, Zielen S, Eguiluz_Gracia I. EAACI position paper on the clinical use of the bronchial allergen challenge: Unmet needs and research priorities. *Allergy.* 2022 Jun;77(6):1667_1684 Jutel M, Torres MJ, Palomares O, Akdis CA, Eiwegger T, Untermayr E, Barber D, Zemelka_Wiaczek M, Kosowska A, Palmer E, Vieths S, Mahler V, Canonica WG, Nadeau K, Shamji MH, Agache I. COVID_19 vaccination in patients receiving allergen immunotherapy (AIT) or biologicals_EAACI recommendations. *Allergy.* 2022 Aug;77(8):2313_2336 Agache I, Palmer E, Sanver D, Kirtland M, Shamji MH. Molecular allergology approach to allergic asthma. *Mol Aspects Med.* 2022 Jun;85:101027 Kelsen SG, Agache IO, Soong W, Israel E, Chupp GL, Cheung DS, Theess W, Yang X, Staton TL, Choy DF, Fong A, Dash A, Dolton M, Pappu R, Brightling CE. Astegolimab (anti_ST2) efficacy and safety in adults with severe asthma: A randomized clinical trial. *J Allergy Clin Immunol.* 2021 Sep;148(3):790_798 Agache I, Eguiluz_Gracia I, Cojanu C, et al. Advances and highlights in asthma in 2021. *Allergy.* 2021;76(11):3390_3407 Agache I, Akdis C, Akdis M, et al. EAACI Biologicals Guidelines_Recommendations for severe asthma. *Allergy.* 2021 Jan;76(1):14_44 Agache I, Akdis C, Akdis M, et al. EAACI Biologicals Guidelines_Omalizumab for the treatment of chronic spontaneous urticaria in adults and in the paediatric population 12_17 years old. *Allergy.* 2021 Jul 29. Agache I, Akdis CA, Akdis M, et al. EAACI Biologicals Guidelines_dupilumab for children and adults with moderate_to_severe atopic dermatitis. *Allergy.* 2021 Apr;76(4):988_1009 Agache I. Severe asthma phenotypes and endotypes. *Semin Immunol.* 2019 Dec;46:101301. Agache I, Akdis CA. Precision medicine and phenotypes, endotypes, genotypes, regiotypes, and theratypes of allergic diseases. *J Clin Invest.* 2019 Mar 11;129(4):1493_1503 Agache I, Lau S, Akdis CA, et al. EAACI Guidelines on Allergen Immunotherapy: House dust mite_driven allergic asthma. *Allergy.* 2019 May;74(5):855_873 Breiteneder H, Peng YQ, Agache I, et al. Biomarkers for diagnosis and prediction of therapy responses in allergic diseases and asthma. *Allergy.* 2020 Dec;75(12):3039_3068 Nadeau KC, Agache I, Jutel M, et al. Climate change: A call to action for the united nations. *Allergy.* 2021 Sep 3. doi: 10.1111/all.15079. Epub ahead of print. PMID: 34476822 Gao YD, Agache I, Akdis M, et al. The effect of allergy and asthma as a comorbidity on the susceptibility and outcomes of COVID_19. *Int Immunol.* 2021 Nov 12:dxab107. doi: 10.1093/intimm/107. Epub ahead of print. PMID: 34788827 Sokolowska M, Lukasiak ZM, Agache I, et al. Immunology of COVID_19: Mechanisms, clinical outcome, diagnostics, and perspectives_A report of the European Academy of Allergy and Clinical Immunology (EAACI). *Allergy.* 2020 Oct;75(10):2445_2476 Vultaggio A, Agache I, Akdis CA, et al. Considerations on biologicals for patients with allergic disease in times of the COVID_19 pandemic: An EAACI statement. *Allergy.* 2020 Nov;75(11):2764_2774 Pfaller B, Yepes_Nuñez JJ, Agache I, et al. Biologicals in atopic disease in pregnancy: an EAACI position paper [published online ahead of print, 2020 Mar 18]. *Allergy.* 2020;10.1111/all.14282. doi:10.1111/all.14282 Agache I, Cojanu C, Laculiceanu A, Rogozea L. Genetics and epigenetics of allergy. *Curr Opin Allergy Clin Immunol.* 2020;20(3):223 - 232. Pfaar O, Agache I, de Blay F, et al. Perspectives in allergen immunotherapy: 2019 and beyond. *Allergy.* 2019;74 Suppl 108:3 - 25 Agache I, Cojanu C, Laculiceanu A, Rogozea L. Critical Points on the Use of Biologicals in Allergic Diseases and Asthma. *Allergy Asthma Immunol Res.* 2020;12(1):24 - 41 Agache I. Severe asthma phenotypes and endotypes. *Semin Immunol.* 2019;46:101301. Agache I, Lau S, Akdis CA, et al. EAACI Guidelines on Allergen Immunotherapy: House dust mite_driven allergic asthma. *Allergy.* 2019;74(5):855 - 873 Agache I, Akdis CA. Precision medicine and phenotypes, endotypes, genotypes, regiotypes, and theratypes of allergic diseases. *J Clin Invest.* 2019;130(4):1493 - 1503 Agache I, Miller R, Gern JE, et al. Emerging concepts and challenges in implementing the exposome paradigm in allergic diseases and asthma: a Practall document. *Allergy.* 2019;74(3):449 - 463 Augé J, Vent J, Agache I, et al. EAACI Position paper on the standardization of nasal allergen challenges. *Allergy.* 2018;73(8):1597 -

1608 Agache I, Strasser DS, Pierlot GM, Farine H, Izuhara K, Akdis CA. Monitoring inflammatory heterogeneity with multiple biomarkers for multidimensional endotyping of asthma. *J Allergy Clin Immunol.* 2018;141(1):442 - 445 Agache I, Strasser DS, Klenk A, et al. Serum IL_5 and IL_13 consistently serve as the best predictors for the blood eosinophilia phenotype in adult asthmatics. *Allergy.* 2016;71(8):1192 - 1202. Agache I, Ciobanu C, Agache C, Anghel M. Increased serum IL_17 is an independent risk factor for severe asthma. *Respir Med.* 2010;104(8):1131 - 1137

Projects

PN_II_RU_TE_2014_4_2303: endotyping non_eosinophilic asthma EAACI Biologicals Guidelines for allergic diseases and asthma EAACI Guidelines on the Environmental Science for allergic diseases and asthma EAACI Guidelines on Allergic Asthma EAACI Guidelines for Allergen Immunotherapy CHEST Guidelines on Severe Asthma

Memberships

European Academy of Allergy and Clinical Immunology European Respiratory Society American Thoracic Society

Other Relevant Information

Past President (2017_2019) of the European Academy of Allergy and Clinical Immunology Deputy Editor of Allergy journal Associate Editor of Clinical and Translational Allergy journal