



Asian Pacific Journal of Allergy and Immunology

DECEMBER 2020

VOL. 38

NO. 4

ISSN 0125-877X

REVIEW ARTICLE

Microbiota

Intestinal microbiota: The hidden gems in the gut?

Pipat Piewngam, François De Mets, Michael Otto

215

Dendritic Cells and Autoimmune Diseases

Dendritic cells as key players in systemic lupus erythematosus

Chamraj Kaewraemruaen, Patcharee Ritprajak, Nattiya Hirankarn

225

Immune Responses in Fungal Infection

Immune response to fungi in diabetic patients with invasive fungal rhinosinusitis

Thwe Phyo Kan Nyunt, Joaquim Mullo, Kornkiat Snidvongs

233

ORIGINAL ARTICLE

Air Way Allergy

Hierarchical clustering in evaluating inflammatory upper airway phenotypes; increased symptoms in adults with allergic multimorbidity

Tanzeela Hanif, Anu Laulajainen-Hongisto, Annika Luukkainen, Jura Numminen, Janne Kääriäinen, Jyri Myller, Livje Kalogjera, Heini Huhtala, Matti Kankainen, Risto Renkonen, Sanna Toppila-Salmi

239

Beneficial effect of nasal saline irrigation in children with allergic rhinitis and asthma: A randomized clinical trial

Minyoung Jung, Ji Young Lee, Gwanghui Ryu, Kyung Eun Lee, Sang Duk Hong, Jaehee Choi, Soyoung Kim, Kangmo Ahn, Hun-Jong Dhong, Seung-Kyu Chung, Jihyun Kim, Hyo Yeol Kim

251

Cut-off values for positive bronchodilator response in healthy Thai preschool children using forced oscillation technique

Kanokporn Udomittipong, Jurairut Triwatanawong, Akarin Nimmannit, Chulaluk Komoltri

258

Food Allergy

A study on the effect of nutrient intake on the body mass index of mothers of children with food allergies

Yasuko Fukuda, Shumi Yamamoto, Kyoko Nishida, Yuri Takaoka, Makoto Kameda

264

Drug Allergy

Risk factors for drug allergies in Chinese children

Jaime S Rosa Duque, Daniel KL Cheuk, Patrick CY Chong, Patrick Ip, Wilfred HS Wong, Pamela PW Lee, Ian CK Wong, Godfrey CF Chan, Yu-Lung Lau, Marco HK Ho

271

Clinical characteristics of eperisone-induced immediate-type hypersensitivity

Bomi Shin, Sun-Young Yoon, Ji-Hyang Lee, Ha-Kyeong Won, Jin An, Yewon Kang, Woo-Jung Song, Tae-Bum Kim, You Sook Cho, Hee-Bom Moon, Hyouk-Soo Kwon

279

Urticaria

Successful treatment of normocomplementemic urticarial vasculitis with omalizumab: A report of three cases and literature review

Teerapong Rattananukrom, Pranee Svetvilas, Kumutnart Chanprapaph

286

ERRATUM

290