



Asian Pacific Journal of Allergy and Immunology

MARCH 2020

VOL. 38

NO. 1

ISSN 0125-877X

REVIEW ARTICLE

Immunology of COVID-19

Immune responses in COVID-19 and potential vaccines: Lessons learned from SARS and MERS epidemic 1

Eakachai Prompetchara, Chutitorn Ketloy, Tanapat Palaga

Perspectives on monoclonal antibody therapy as potential therapeutic intervention for Coronavirus disease-19 (COVID-19) 10

Balamurugan Shanmugaraj, Konlavat Siriwattananon, Kittikhun Wangkanont, Waranyoo Phoolcharoen

PM2.5 and Respiratory Allergy

The contribution of particulate matter to respiratory allergy 19

Mongkhon Sompornrattanaphan, Torpong Thongngarm, Pailin Ratanawatkul, Chamard Wongsas, Jeffrey J. Swigris

ORIGINAL ARTICLE

Anaphylaxis

Anaphylaxis to Beluga caviar 29

Sébastien Lefèvre, Laurianne Moumane, Sandrine Jacquenet, Etienne Beaudouin

Anaphylaxis: Ten-year retrospective study from a tertiary-care hospital in Asia 31

Pisuttikan Rangakulnuwat, Krongkarn Sutham, Mongkol Lao-araya

Prevalence and cluster effect of self-reported allergic reactions among insect consumers 40

Summon Chomchai, Praphai Laoraksa, Prich Virojvatanakul, Parsimone Boonratana, Chulathida Chomchai

Drug Allergy

Purpuric drug eruption without leukocytoclastic vasculitis associated with vancomycin 47

Tamaki Nakamura, Hiroyuki Wakiguchi, Fumiko Okazaki, Nobuyuki Asano, Yoshinobu Hoshii, Shunji Hasegawa

Immunology and Pathogenesis

Synergistic activation of Src, ERK and STAT pathways in PBMCs for *Staphylococcal* enterotoxin A induced production of cytokines and chemokines 52

Xueting Liu, Yuhuan Wen, De Wang, Zhongqiu Zhao, Joseph Jeffry, Liping Zeng, Zehong Zou, Huifang Chen, Ailin Tao

Autoinflammatory Syndrome

Schnitzler's syndrome: A female elderly case presenting intractable non-pruritic febrile urticarial rash 64

Nanae Kimura, Hiromichi Takeshita, Tatsuya Kai, Yasushi Inoue, Masutaka Furue

ERRATUM

67