

The 4th Rhinology Research Forum in Asia (RReFA)

NTUH International Convention Center, Taipei, Taiwan

December 14(Fri), 2018		
12:50-13:00	Welcome Address	
	Jenq-Yu Ko (Honorary Chairman) Sheen-Yie Fang (TRS President) Te-Huei Yeh (Congress Chairman)	
[Session I]		
Chair :	Te-Huei Yeh, Joo-Heon Yoon	
13:00-13:15	Role of proprotein convertases on nasal epithelial cell differentiation	Joo-Heon Yoon
13:15-13:30	A short review on new hygiene hypothesis and its clinical impact on the sinonasal inflammation	Hideyuki Kawauchi
13:30-13:45	Upper airway epithelium - from stem cells to tissue engineering	De Yun Wang
13:45-14:00	Neutrophils in Chronic Rhinosinusitis	Zheng Liu
[Session II]		
Chair :	Hideyuki Kawauchi, De Yun Wang	
14:00-14:15	Role of DAMPs in the pathogenesis of rhinosinusitis	Chang-Hoon Kim
14:15-14:30	Significance of IgG4-positive cells in severe eosinophilic chronic rhinosinusitis	Mitsuhiro Okano
14:30-14:45	MyD88 plays an important role in the immune response toward house dust mite allergen in chronic rhinosinusitis	Yi-Tsen Lin
14:45-15:00	The implication of autophagy in the pathogenesis of nasal polyp	Ling-Feng Wang
15:00-15:15 Coffee Break		
[Session III] Young Investigators Forum		
Chair :	Takeshi Shimizu, Chang-Hoon Kim	
15:15-15:30	Epigallocatechin-3-gallate inhibits metastasis of human nasopharyngeal carcinoma cells by suppression of MMP-2	Cheng-Chen Huang
15:30-15:45	Inducible regulatory T cells in cervical lymph node by sublingual immunotherapy, attenuate nasal allergic symptoms upon intranasal allergen exposure, in a murine model of allergic rhinitis	Noriaki Aoi
15:45-16:00	Aberrant localization of FOXP1 correlates with disease severity and comorbidities in patients with nasal polyps	Yang Peng
16:00-16:15	Compressive stress induces collective migration of human nasal epithelial cells	Jong Gyun Ha
16:15-16:30	Endotype of chronic rhinosinusitis with nasal polyps	Liang-Chun Shih
16:30-16:45	Immunological effects of sublingual immunotherapy with Japanese cedar pollen in patients with Japanese cypress pollinosis	Hiroataka Kikuoka
16:45-17:00 Coffee break		
[Session IV]		

Chair :	Sheen-Yie Fang, Liu Zheng	
17:00-17:15	An integrated analysis of radial spoke head and outer dynein arm protein defects and ciliogenesis abnormality in nasal polyps	Xiaoxue Zi
17:15-17:30	H3N2 influenza virus infection enhances oncostatin M expression in human nasal epithelium	Tengfei Tian
17:30-17:45	5-Oxo-ETE from nasal epithelial cells upregulates ECP by eosinophils in nasal polyps in vitro	Lin Lin
17:45-18:00	Regulation of local IgE secretion by up-regulated endoplasmic reticulum stress in allergic rhinitis	Bo Liao
[Session V]		
Chair :	Sang-Hag Lee, Chih-Feng Lin	
18:00-18:15	Development of a potential platform for isolation of circulating tumor cells of NPC	Ming-Ying Lan
18:15-18:30	Application of EBV DNA quantification in NPC	Chih-Wen Twu
18:30-18:45	Investigation of the role of leptin in NPC	Sheng-Dean Luo

December 15(Sat),2018**[Session VI]**

Chair :	Mitsuhiro Okano, Chih-Jaan Tai	
08:30-08:45	Neutrophil extracellular trap formation in stable and exacerbated chronic rhinosinusitis is modulated by macrolide and steroid therapy	Sang-Hag Lee
08:45-09:00	Interleukin (IL) 36 gamma induces mucin 5AC, oligomeric mucus/gel-forming expression via IL-36 receptor– extracellular signal regulated kinase 1 and 2, and p38–nuclear factor kappa-light-chain-enhancer of activated B cells in human airway epithelial cells	Yong-Dae Kim
09:00-09:15	Immunosuppressive function of eosinophilic rhinosinusitis - regulatory T cells and anti-inflammatory cytokines	Sayuri Yamamoto
09:15-09:30	Regulation of TMEM16A-mediated MUC5AC expression by autophagy in airway epithelium	Hyung-Ju Cho
09:30-09:45	Correlation of allergen-specific T follicular helper cells with specific IgE and efficacy of allergen immunotherapy	Zhi Chao Wang
09:45-10:00	Intervention on CRAC channels of CD4+T cells after immunotherapy for patients with allergic rhinitis	Jinjin Wei

10:00-10:15 Coffee Break**[Session VII]**

Chair :	Chung-Han Hsin, Edward Cheng-Lung Kuan	
10:15-10:30	Increased expression of platelet-activating factor receptor in inflamed sinus mucosa of CRS patients and its possible role as a mediating factor for bacterial adhesion in acute exacerbation of chronic rhinosinusitis	Jae Woong Hwang
10:30-10:45	Role of NADPH oxidase on the production of epithelial-derived cytokines, IL-25, IL-33, TSLP	Hideaki Kouzaki
10:45-11:00	How a lipid-lower agent alters the behavior of eosinophils	Chia-Hsiang Fu
11:00-11:15	Peptidoglycan induces bradykinin receptor 1 expression through toll-like receptor 2 and NF-κB signaling pathway in human nasal mucosa-derived fibroblasts of chronic rhinosinusitis patients	Yih-Jeng Tsai
11:15-11:30	Dendritic cells in Chinese patients with chronic rhinosinusitis	Li-Li Shi

[Session VIII]

Chair :	Ta-Jen Lee, Rong-San Jiang	
11:30-11:45	Preoperative sinonasal symptom scores predict post-surgery, post-aspirin desensitization disease status in aspirin exacerbated respiratory disease	Edward Cheng-Lung Kuan
11:45-12:00	Decreased hospital charges and postoperative pain in septoplasty by application of enhanced recovery after surgery	Haiyu Hong

12:00-12:15	Effect of Cellulose Powder on Human Nasal Epithelial Cell Activity and Ciliary Beat Frequency	Min Zhou
12:15-12:30	Comparison of efficacy of fluticasone propionate versus clarithromycin for postoperative treatment of different phenotypic chronic rhinosinusitis: a randomized controlled trial	Ming Zeng
12:30-12:40	Closing Remark	