**一一三年度免疫學講習班課程表(630)**

時間：113年7月6日至7月28日

主辦：中華民國免疫學會

地點：台大醫學院 301講堂

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| **7月6日 (六)** | | | |
| 1 | 9:00- 9:50 | Registration & course introduction | 莊雅惠 |
| 2 | 10:00-10:50 | Toll-like receptors in innate immunity | 陳俊任 |
| 3 | 11:00-11:50 | Other innate immunity receptors and sensors | 陳念榮 |
| 4 | 13:00-13:50 | Inflammasome | 徐立中 |
| 5 | 14:00-14:50 | Systems approaches towards molecular profiling of human diseases | 陳世淯 |
| 6 | 15:00-15:50 | Host defense against bacteria | 賴志河 |
| 7 | 16:00-16:50 | Major histocompatibility complex (MHC): sequencing and humanized mouse models | 陳沛隆 |
| **7月7日 (日)** | | | |
| 8 | 9:00- 9:50 | Regulation of T cell activation by Immune checkpoint receptors in cancer immunotherapy | 許秉寧 |
| 9 | 10:00-10:50 | B cell development and humoral immunity | 林國儀 |
| 10 | 11:00-11:50 | T cell development and cellular immunity | 徐麗君 |
| 11 | 13:00-13:50 | Transcriptional factors in immunology | 繆希椿 |
| 12 | 14:00-14:50 | T cell memory | 顧家綺 |
| 13 | 15:00-15:50 | Cancer immunology | 沈家瑞 |
| 14 | 16:00-16:50 | Transplantation immunology | 蔡孟昆 |
| **7月13 (六)** | | | |
| 15 | 9:00- 9:50 | CD4/CD25 regulatory T cells | 楊皇煜 |
| 16 | 10:00-10:50 | Laboratory diagnosis of allergic diseases | 陳怡行 |
| 17 | 11:00-11:50 | Immunometabolism | 徐嘉琳 |
| 18 | 13:00-13:50 | Microbiota in health and disease | 林世昌 |
| 19 | 14:00-14:50 | Antiviral immunity against influenza infection | 凌斌 |
| 20 | 15:00-15:50 | Clinical aspects of AIDS | 洪健清 |
| 21 | 16:00-16:50 | Bioinformatics for Immunologists | 陳秉民 |
| **7月14日 (日)** | | | |
| 22 | 9:00- 9:50 | Decoding the Immune Puzzle: New Insights into Osteoarthritis Pathogenesis and Therapy | 陳相成 |
| 23 | 10:00-10:50 | Allergic rhinitis and sinusitis | 葉國偉 |

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| 24 | 11:00-11:50 | Update in pharmacological therapy and biologics for atopic diseases | 呂克桓 |
| 25 | 13:00-13:50 | Pediatric rheumatology | 黃璟隆 |
| 26 | 14:00-14:50 | Advance in food allergy | 蘇冠文 |
| 27 | 15:00-15:50 | Clinical aspects of spondyloarthropathy | 廖顯宗 |
| 28 | 16:00-16:50 | Innate lymphoid cells and asthma | 郭敏玲 |
| **7月20日 (六)** | | | |
| 29 | 9:00- 9:50 | Genetics of autoimmune diseases | 陳一銘 |
| 30 | 10:00-10:50 | Cytokines in autoimmune diseases | 張德明 |
| 31 | 11:00-11:50 | Immune escape for microbial infection | 林秋烽 |
| 32 | 13:00-13:50 | Atopic dermatitis and other skin allergies | 歐良修 |
| 33 | 14:00-14:50 | Clinical aspects of SLE | 黃文男 |
| 34 | 15:00-15:50 | Rheumatoid arthritis | 蔡文展 |
| 35 | 16:00-16:50 | Immune regulation in intestinal homeostasis | 江皓森 |
| **7月21日 (日)** | | | |
| 36 | 9:00- 9:50 | Pathogenesis of allergen-induced airway inflammation | 王志堯 |
| 37 | 10:00-10:50 | Immune pathomechanism of drug hypersensitivity reactions | 鐘文宏 |
| 38 | 11:00-11:50 | Pathogenesis of spondyloarthropathy | 劉津秀 |
| 39 | 13:00-13:50 | Blood grouping and transfusion reaction | 羅仕錡 |
| 40 | 14:00-14:50 | Bone marrow transplantation and GVH reaction | 邱宗傑 |
| 41 | 15:00-15:50 | Pathogenesis and clinical manifestations of autoinflammatory diseases | 陳得源 |
| 42 | 16:00-16:50 | Clinical immunologic diseases | 賴寧生 |
| **7月27日 (六)** | | | |
| 43 | 9:00- 9:50 | Stem cell biology & clinical applications | 顏伶汝 |
| 44 | 10:00-10:50 | Laboratory diagnosis of immunodeficiency | 楊崑德 |
| 45 | 11:00-11:50 | Inborn errors of immunity: clinical aspects, molecular analysis and genetic approach | 李文益 |
| 46 | 13:00-13:50 | Chinese herbs for autoimmune therapeutics | 賴振宏 |
| 47 | 14:00-14:50 | Immunotherapy for type I diabetes | 司徒惠康 |
| 48 | 15:00-15:50 | IgG4-related disease: new advance | 余光輝 |
| 49 | 16:00-16:50 | Immune-mediated renal diseases | 蔡長祐 |
| **7月28日 (日)** | | | |
| 50 | 9:00- 9:50 | Host-pathogen interactions | 林志萱 |
| 51 | 10:00-10:50 | Cell therapy for immune diseases | 江伯倫 |
| 52 | 11:00-11:50 | Allergen-specific immunotherapy: past, present and future | 王麗潔 |
| 53 | 13:00-13:50 | Interferon system and human diseases | 顧正崙 |
| 54 | 14:00-14:50 | CAR-T technology and its application | 黃麗蓉 |
| 55 | 15:00-15:50 | mRNA-based Personalized Neoantigen Cancer Vaccine | 陶秘華 |
| 56 | 16:00-16:50 | Laboratory diagnosis of autoimmune diseases | 莊雅惠 |
| 57 | 17:00-17:50 | Written examination | 郭敏玲  莊雅惠 |