**一一一年度免疫學講習班課程表**

 時間：111年7月9日至7月31日

 主辦：中華民國免疫學會

 地點：台大醫學院 302講堂

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| **7月9日 (六)** |
| 1 | 9:00- 9:50 | Registration & Course Introduction  | 郭敏玲莊雅惠 |
| 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 | Macrophages and dendritic cells in intestinal homeostasis | 江皓森 |
| 6 | 15:00-15:50 | Innate lymphoid cells and asthma | 張 雅 貞 |
| 7 | 16:00-16:50 | Cytokines signaling | 李建國 |
| **7月10日 (日)** |
| 8 | 9:00- 9:50 | B cell development and humoral immunity | 林國儀 |
| 9 | 10:00-10:50 | T cell development and cellular immunity | 徐麗君 |
| 10 | 11:00-11:50 | Transcriptional factors in immunology  | 繆 希 椿 |
| 11 | 13:00-13:50 | T Cell memory | 顧家綺 |
| 12 | 14:00-14:50 | CD4/CD25 regulatory T cells  | 楊皇煜 |
| 13 | 15:00-15:50 | Gut microbiome in health and disease | 高承源 |
| 14 | 16:00-16:50 | Microbiota in health and disease | 林世昌 |
| **7月16 (六)** |
| 15 | 9:00- 9:50 | Host-Pathogen Interactions | 林志萱 |
| 16 | 10:00-10:50 | Host defense against bacteria | 賴志河 |
| 17 | 11:00-11:50 | Immune escape for microbial infection | 林秋烽 |
| 18 | 13:00-13:50 | Recent advance on treatment for HIV-1 infection: focus on immunotherapy | 謝思民 |
| 19 | 14:00-14:50 | Clinical aspects of AIDS | 洪健清 |
| 20 | 15:00-15:50 | Pathogenesis and clinical manifestations of autoinflammatory diseases | 陳得源 |
| 21 | 16:00-16:50 | IgG4-related disease : new advance  | 余光輝 |
| **7月17日 (日)**  |
| 22 | 9:00- 9:50 | Pathogenesis of allergen-induced airway inflammation | 王志堯 |
| 23 | 10:00-10:50 | Allergic rhinitis and sinusitis | 葉國偉 |
| 24 | 11:00-11:50 | Update in pharmacological therapy and biologics for atopic disease | 呂克桓 |
| 25 | 13:00-13:50 | Atopic dermatitis and other skin allergies | 歐良修 |
| 26 | 14:00-14:50 | Advance in food allergy therapy | 蘇冠文 |
| 27 | 15:00-15:50 | **Immune** pathomechanism of drug hypersensitivity reactions | 鐘文宏 |
| 28 | 16:00-16:50 | Laboratory diagnosis of allergic diseases | 陳怡行 |
| **7月23日 (六)**  |
| 29 | 9:00- 9:50 | Clinical Immunologic diseases | 賴寧生 |
| 30 | 10:00-10:50 | Pediatric rheumatology | 黃璟隆 |
| 31 | 11:00-11:50 | Genetic aspects of autoimmune diseases | 陳相成 |
| 32 | 13:00-13:50 | Clinical aspects of SLE | 羅淑芬 |
| 33 | 14:00-14:50 | Rheumatoid arthritis | 蔡文展 |
| 34 | 15:00-15:50 | Clinical aspects of spondyloarthropathy | 廖顯宗 |
| 35 | 16:00-16:50 | Pathogenesis of spondyloarthropathy | 劉津秀 |
| **7月24日 (日)**   |
| 36 | 9:00- 9:50 | Cytokines in autoimmune diseases | 張德明 |
| 37 | 10:00-10:50 |  Laboratory diagnosis of autoimmune diseases | 莊雅惠 |
| 38 | 11:00-11:50 | Chinese herbs for autoimmune therapeutics | 賴振宏 |
| 39 | 13:00-13:50 | Immunotherapy for type I diabetes  | 司徒惠康 |
| 40 | 14:00-14:50 | Bone marrow transplantation and GVH reaction  | 邱宗傑 |
| 41 | 15:00-15:50 | Blood grouping and transfusion reaction | 羅仕錡 |
| 42 | 16:00-16:50 | Transplantation | 蔡孟昆 |
| **7月30日 (六)**  |
| 43 | 9:00- 9:50 | Stem cell biology & clinical applications  | 顏伶汝 |
| 44 | 10:00-10:50 | Peptide and adjuvant immunotherapy  | 蔡肇基 |
| 45 | 11:00-11:50 | Cell therapy for immune diseases | 江伯倫 |
| 46 | 13:00-13:50 | Systems approaches towards molecular profiling of human diseases | 陳 世 淯 |
| 47 | 14:00-14:50 | CRISPR genome engineering of immune cells | 凌嘉鴻 |
| 48 | 15:00-15:50 | CAR-T technology and its application | 黃麗蓉 |
| 49 | 16:00-16:50 | Immune-mediated renal diseases  | 蔡長祐 |
| **7月31日 (日)** |
| 50 | 9:00- 9:50 | Primary Immunodeficiency diseases (PIDs) – clinical aspects, molecular analysis and genetic approach  | 李文益 |
| 51 | 10:00-10:50 | Laboratory diagnosis of immunodeficiency | 楊崑德 |
| 52 | 11:00-11:50 | Cancer immunology | 沈 家 瑞 |
| 53 | 13:00-13:50 | A cytokine-mediated link between inflammation and cancer | 凌斌 |
| 54 | 14:00-14:50 | Role of CTLA-4 and PD-1 pathway in T cell exhaustion and tumor immunotherapy | 許秉寧 |
| 55 | 15:00-15:50 | Clinical aspects of Covid-19 | 李秉穎 |
| 56 | 16:00-16:50 | Covid-19 vaccine development | 陶秘華 |
| 57 | 17:00-17:50 | Written examination | 郭敏玲莊雅惠 |