



## 長庚大學生物醫學研究所

Chang Gung University, Graduate Institute of Biomedical Sciences

博士學位論文公開演講

Doctoral Oral Defence Seminar

演講者Speaker：羅聖旻博士候選人Ph.D. candidate

主持人Host：顧正崙 教授

指導教授Advisor：沈家瑞教授

題目 Title：視網膜色素上皮細胞在自體免疫葡萄膜炎的特異性角色

The unique role of retinal pigment epithelial cells contributing to autoimmune uveitis

時間Time：2022年01月13日 上午10:00~12:00

地點Place：第一醫學大樓11樓會議室(二)

※※※ 歡迎參加 Welcome ※※※

生物醫學研究所  
Graduate Institute of  
BioMedical Sciences

## ***CURRICULUM VITAE***

**Name :** 羅聖旻 (英文 : Lo Sheng-Min )

### **Education :**

Graduate Institute of Medical Biotechnology and Laboratory Science, Chang Gung University, Master (2013-2015)

Department of Medical Biotechnology and Laboratory Science, Chang Gung University, Bachelor (2009-2013)

### **Publication :**

1. Wei-Cheng Yang, Yih-Shiou Hwang, Ying-Yu Chen, Chao-Lin Liu, Chia-Ning Shen, Wei-Hsin Hong, **Sheng-Min Lo** and Chia-Rui Shen\*. (2017). "Interleukin-4 Supports the Suppressive Immune Responses Elicited by Regulatory T Cells." Front Immunol 8: 1508.
2. **Sheng-Min Lo**, Yih-Shiou Hwang, Chao-Lin Liu, Chia-Ning Shen, Wei-Hsin Hong, Wei-Cheng Yang, Meng-Hua Lee and Chia-Rui Shen\*. (2020). "Inhibiting TLR7 Expression in the Retinal Pigment Epithelium Suppresses Experimental Autoimmune Uveitis." 10.3389/fimmu.2021.736261

### **Posters:**

1. Yu-Min Peng, **Sheng-Min Lo**, Chia-Rui Shen, Err-Cheng Chan. (2016) Exploration of IL-17 in Radiotherapy Reducing Pancreatic Tumor Growth in Mice. The 31<sup>st</sup> Joint Annual Conference of Biomedical Science. Taipei, Taiwan.
2. **Sheng Min Lo**, Yih-Shiou Hwang, Chia-Rui Shen. (2016) Suppressive Immune Compatibility of Human Embryonic Stem Cells (hESC)-Derived Retinal Pigment Epithelium (RPE). 2016 Annual Conference of the Chinese society of

immunology, Taichung, Taiwan.

3. **Sheng-Min Lo**, Yu-Min Peng, Chao-Lin Liu, Err-Cheng Chan, Chia-Ning Shen, Chia-Rui Shen. (2017) The presence of IL-17 is required for abscopal effect in a mouse model of pancreatic tumor. The 32<sup>nd</sup> Joint Annual Conference of Biomedical Science. Taipei, Taiwan.
4. **Sheng-Min Lo**, Tzuh-Suan Chan, Yi-Chung Lin, Chia-Chi Kuo, Chao-Lin Liu<sup>3</sup>, Yih-Shiou Hwang, Chia-Rui Shen. (2018) GILT contribute to the inflammatory response in the retinal pigment epithelial cell. 2018 Annual Conference of the Chinese society of immunology, Taipei, Taiwan.
5. **Sheng-Min Lo**, Chia-Chi Kuo, Yi-Cheng Lin, Yih-Shiou Hwang, Chao-Lin Liu, Chia-Rui Shen. (2019) The unique role of retinal pigment epithelial cells contributing to autoimmune uveitis. 2019 Formosa Immunology Spring School & Symposium. Frontier of Emerging Concepts in Immunology, Taipei, Taiwan.
6. **Sheng-Min Lo**, Yih-Shiou Hwang, Chia-Rui Shen. (2019) Targeting the TLR7 signaling of retinal pigment epithelial cells suppressed the experimental autoimmune uveitis. 2019 Annual Conference of the Chinese society of immunology, Taipei, Taiwan.
7. **Sheng-Min Lo**, Yih-Shiou Hwang, Chiao-Fan Chiu, Chia-Rui Shen. (2020) The unique role of retinal pigment epithelial cells contributing to autoimmune uveitis. 2020 Annual Conference of the Chinese society of immunology, Taipei, Taiwan.

#### **Oral presentation :**

1. **Sheng-Min Lo**, Yih-Shiou Hwang, Chia-Rui Shen. (2019) Targeting the TLR7 signaling of retinal pigment epithelial cells suppressed the experimental autoimmune uveitis, Doctoral thesis competition, CGUBMS.
2. **Sheng-Min Lo**, Yih-Shiou Hwang, Chiao-Fan Chiu, Chia-Rui Shen. (2020) The unique role of retinal pigment epithelial cells contributing to autoimmune uveitis, Doctoral thesis competition, CGUBMS.
3. **Sheng-Min Lo**, Yih-Shiou Hwang, Chiao-Fan Chiu, Chia-Rui Shen. (2020)

The unique role of retinal pigment epithelial cells contributing to autoimmune uveitis. 2020 Annual Conference of the Chinese society of immunology, Taipei, Taiwan.

**Awards :**

1. College Student Research Scholarship. "Relationship between IL-4 receptor and regulatory T cells." National Science Council (NSC). (2012)
2. Master Thesis Competition, First place. "The TLR Signaling of Retinal Pigment Epithelial Cells Contributed to the Development of Experimental Autoimmune Uveitis." CGUMT. (2015)
3. Poster Competition, Excellent work. "Suppressive Immune Compatibility of Human Embryonic Stem Cells (hESC)-Derived Retinal Pigment Epithelium (RPE)." The Chinese Society of Immunology. (2016)
4. Formosa Immunology Spring School & Symposium, Selected student. (2019)
5. Doctoral thesis competition, Second place. "The TLR Signaling of Retinal Pigment Epithelial Cells Contributed to the Development of Experimental Autoimmune Uveitis." CGUBMS. (2019)
6. Doctoral thesis competition, Second place. "The Unique Role of Retinal Pigment Epithelial Cells Contributing to Autoimmune Uveitis" CGUBMS. (2020)
7. Poster Competition, Excellent work. "The Unique Role of Retinal Pigment Epithelial Cells Contributing to Autoimmune Uveitis" The Chinese Society of Immunology. (2020)