

微生物相分析教材

分析理論：

1. 微生物分析理論講解影片(朱嘉翎錄製)

<https://youtu.be/HH2vBaMbBvg>

2. 不錯的網頁介紹

<https://hackmd.io/@whYPD8MBSHWRZV6y-ymFwQ/rkzEaL28D#-Where-do-I-start>

Code 教學：

1. PD4 程式碼講解(朱嘉翎錄製)

<https://youtu.be/bIORCvYJlwg>

2. oral1 程式碼講解(朱嘉翎錄製)

<https://youtu.be/44ipjM4jxxk>

微生物相(比科普專業一些些但又不會太難)的知識(了解後做研究會比較有感覺)

1. 微小生物的大時代—從腸道菌相看看您我的世界

https://enews2.nhri.org.tw/enews_list_new2_more.php?volume_indx=733&showx=showarticle&article_indx=12110

2. 台灣腸道公民科學計畫

<https://taiwangut.com/#about>

3. microbiome 介紹(英文版 中字)

<https://www.youtube.com/watch?v=VzPD009qTN4>

參考論文

1. 碩士論文

[請於研究室網頁觀看影片&論文:

<https://shenghsuanlin.web.nycu.edu.tw/%e7%95%a2%e6%a5%ad%e5%ad%b8%e7%94%9f/>]

- 陳品瑄_碩士畢業論文
- 朱嘉翎_碩士畢業論文
- 謝宜真_碩士畢業論文
- 吳佩樺_碩士畢業論文

2. 期刊論文

(請至少選一篇與自己 project 相似的論文來精讀&臨摹)

- Ling-Chieh Shih, Ru-Jen Lin, Yan-Lin Chen, Shih-Chen Fu. "Unravelling the mechanisms of underweight in Parkinson's Disease by investigating into the role of gut microbiome", npj Parkinsons Disease, 2023. (IF: 8.7; Category: Neurosciences; Rank: 23/272 (Q1)).
- Sheng-Hsuan Lin, Ru-Jen Lin, Kai-Yu Chan, Chia-Ling Chu, Yan-Lin Chen and Shih-Chen Fu. "Anxiety-Related Gut Microbiota Alterations in Parkinson's Disease: Distinct Associations Compared to Healthy Individuals". Frontiers in Cellular and Infection Microbiology. Volume 15, (IF:4.6; Category: Microbiology ;Rank:37/161 (Q1))

- Shih-Chen Fu, Ling-Chieh Shih, Pei-Hua Wu, Yi-Chen Hsieh, Chung-Han Lee (李宗翰), Sheng-Hsuan Lin, Hsiuying Wang, “Exploring the Causal Effect of Constipation on Parkinson’s Disease through Mediation Analysis of Microbial Data” *Frontiers in Cellular and Infection Microbiology*, 2022. (IF: 5.293; Category: Microbiology.; Rank: 33/136 (Q1))
- Shih-Chen Fu, Chung-Han Lee, Yi-Chen Hsieh, Pei-Hua Wu, Sheng-Hsuan Lin, Hsiuying Wang “A Pilot Study Exploring the Association of Entacapone, Gut Microbiota, and the Subsequent Side Effects in Patients With Parkinson’s Disease” *Frontiers in Cellular and Infection Microbiology*, 2022, (IF: 5.293; Category: Microbiology.; Rank: 33/136 (Q1))