

Scientific Reading and Writing in English

Fall, 2019

Time: 1:10-3:00 pm, every Tuesday

Place: Seminar room (82-1124) in Dept. Microbiology and Immunology (11th floor)

Course coordinator: Dr. Shu-Ying Wang; E-mail: sswang23@mail.ncku.edu.tw

Week	Date	Topic	Lecturer
1	9/10	Introduction to scientific writing and manuscript preparation	Shu-Ying Wang
2	9/17	“Introduction”	Shu-Ying Wang
3	9/24	“Materials and Methods”	Antonio Chang
4	10/1	“Making figures and tables”	Antonio Chang
5	10/8	“Results”	Shu-Ying Wang
6	10/15	Practice “Materials and Methods” and “Making figures and tables”	Shu-Ying Wang
7	10/22	Practice “Introduction v1”	Shu-Ying Wang
8	10/29	Practice “Results”	Shu-Ying Wang
9	11/5	“Discussion”	Shu-Ying Wang
10	11/12	“Abstract” and “References, Acknowledgements and Front page	Shu-Ying Wang
11	11/19	Practice “Introduction v2”	Shu-Ying Wang
12	11/26	Practice “Discussion v1”	Shu-Ying Wang
13	12/3	Practice “Abstract v1”	Shu-Ying Wang
14	12/10	Practice “Results v2”	Shu-Ying Wang
15	12/17	Practice “Discussion v2”	Shu-Ying Wang
16	12/24	Practice “Abstract v2”	Shu-Ying Wang
17	12/31	Practice “References, Acknowledgements, and Front page”	Shu-Ying Wang
18	1/7	Present final manuscript	Shu-Ying Wang

Students: Ph.D. students of the Institute of Basic Medical Sciences and the second year Master students of Department of Microbiology and Immunology are encouraged to attend the class.

Requirements:

English will be the only language used in class. Students are requested to read articles before class and write their own manuscripts section by section after class. Each student will be assigned to his/her major professor or a tutor who will correct and grade all the homework of student throughout the semester. **Students who want to take this course are required to obtain consent from their major professors to correct their homework. Major professors will be credited 5 seminar hours for participating in correcting the homework of each student. Students must have taken Advanced Molecular Biology to register for this course.**

The goal of this course is to improve the ability of students to read and write scientific papers in English.

The specific objectives are:

- To be familiar with the format and writing of manuscripts and process of manuscript submission.
- To understand the common problems in medical writing and develop effective strategies to overcome them.
- To develop scientific and critical thinking.
- To develop effective strategies for reading scientific papers.

The course contains lectures and discussions on assigned articles or the manuscripts written by students. Students are graded based on their participation in class and manuscript writing skill.

Reference: Day RA and Gastel B. How to write and publish a scientific paper. 6th ed. 2006. Greenwood Press..