

Scientific Reading and Writing in English

Fall, 2015

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	Tutor
1	9/15	Introduction to scientific writing and manuscript preparation	I-Hsiu Huang
2	9/22	“Introduction”	Shu-Ying Wang
3	9/29	“Materials and Methods”	I-Hsiu Huang
4	10/6	“Making figures and tables”	I-Hsiu Huang
5	10/13	Overview of manuscript writing	Robert Anderson
6	10/20	Practice “Introduction”	Shu-Ying Wang
7	10/27	Practice “Materials and Methods”	I-Hsiu Huang
8	11/3	Practice “Making figures and tables”	I-Hsiu Huang
9	11/10	“Results”	Shu-Ying Wang
10	11/17	“Discussion”	Shu-Ying Wang
11	11/24	“Abstract”	Pin Ling
12	12/1	“References, Acknowledgements, Front page and Cover letter”	Shu-Ying Wang
13	12/8	Practice “Results”	Shu-Ying Wang
14	12/15	Practice “Discussion”	Shu-Ying Wang
15	12/22	Practice “Abstract”	Pin Ling
16	12/29	Practice “References, Acknowledgements, Front page”	Shu-Ying Wang
17	1/5	Practice “Cover letter”	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. .