

Course description for Postgraduates, School of Basic Medicine

Course Title: Entry in the medical research		Course Code: 510.808		
Course category: <input type="checkbox"/> High-level course <input checked="" type="checkbox"/> international course <input type="checkbox"/> Advanced international courses <input type="checkbox"/> Common course				
Course Type: <input type="checkbox"/> 1st-level discipline basic courses <input checked="" type="checkbox"/> 2nd-level discipline basic courses <input type="checkbox"/> Optional professional courses				
The methods of Assessment: open-book examination				
Teaching Method: lecture and discussion		Applicable Educational Level: Master <input type="checkbox"/> Doctor <input checked="" type="checkbox"/>		
The Beginning of the Term: the 1 st semester	Total Hours/Teaching Hours : 32h	Credits: 2		
Applicable Specialty: clinic and basic medicine				
Name of the Teachers of the Course Group	Professional Title	Major	Age	Academic Direction
Fang Zheng	Prof.	immunology	43	Innate Immunology
Ping Lei	Asso. Prof.	immunology	40	Tumor Immunology
Xiangping Yang	Prof	Immunology	45	Cellular Immunology
Xiufang Weng	Asso. Prof.	immunology	40	Metabolic Immunology
Course Outline:				
1. Scientific research and original thinking 2h				
2. selecting research topics, Document learning and hypothesis 2h				
3. The use of document management software Endnote 2h				
4. Research elements and project design4h				
5. The design of statistics2h				
6. Document learning and discussion1h				
7. Research design and discussion1h				
8. Research implementation and scientific thinking3h				

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| 9. Results and discussion | 1h |
| 10. Statistical analysis and introduction of statistical software | 2h |
| 11. Introduction and discussion of scientific research practice | 4h |
| 12. Graphics | 2h |
| 13. Introduce of drawing software | 2h |
| 14. Mapping discussion | 1h |
| 15. Writing of scientific research papers | 3h |

Guide Books:

Design, application and implementation of medical research projects, Zhuoya Li, editor-in-chief, higher education publishing house, 2015.

Main Reference Books:

1. Guoqiang Xiong, editor-in-chief, *Medical scientific research design tutorial*, (science publishing house)
2. Shiling He and Yuanjian Li, editor-in-chief, *Medical research methodology*, (People's military medical publishing house)
3. Zheng Guo and Rongshan Li, editor-in-chief, *Design skills of the medical graduate student research*, (People's military medical publishing house)