

# 國立清華大學 109 學年第 1 學期新開課程大綱

## Translational Genomic and Precision Medicine

Two credit

Monday, 3:30 ~5:20 PM

Classroom: LS II 生科二館 109 教室

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|--|---------|---------|
| 1. Human Genetics & Population Genomics  | 蔡世峯教授   | (9/14)  |
| 2. From Precision Medicine to Biotech Development: A Global View                                     | 蔡世峯教授   | (9/21)  |
| 3. Systems Biology   | 喻秋華教授   | (10/5)  |
| 4. Gene Regulatory Networks  | 喻秋華教授   | (10/12) |
| 5. Human Disease Modeling for Precision Medicine   | 喻秋華教授   | (10/19) |
| 6. Metabolic Polymorphism and Disease  | 張凱雄助研究員 | (10/26) |
| 7. Precision Medicine of Rare Diseases   | 林永豐博士   | (11/2)  |
| 8. Cancer Genomics   | 林永豐博士   | (11/9)  |
| 9. Pharmacogenomics & Health Technology Assessment   | 李佳儒博士   | (11/16) |
| 10. Analysis and Interpretation of Human Whole Genome Sequencing Data                                | 賴俊吉博士   | (11/23) |
| 11. Practicing for Analysis and Interpretation of Human Whole Genome Sequencing Data (computer room) | 賴俊吉博士   | (11/30) |
| 12. Analysis and Interpretation of Human Whole Genome Sequencing Data                                | 賴俊吉博士   | (12/7)  |
| 13. Practicing for Analysis and Interpretation of Human Whole Genome Sequencing Data (computer room) | 賴俊吉博士   | (12/14) |
| 14. Single Cell Genomics   | 柯泰名助理教授 | (12/21) |
| 15. Systems Medicine   | 喻秋華教授   | (12/28) |
| 16. Students Presentation  | 蔡世峯教授   | (1/4)   |