Module Name
Hot Topics in Biochemistry and Molecular Medicine

ID Number	Workload	Credit Points	Term	Offered Every	Start	Duration
MN-BC-HT	180 h	6 CP	1st or 2nd term	summer term	summer only	15 weeks

1	Course Types	Contact Time	Private Study	Planned Group Size*
	a) Seminar	30 h	60 h	max. 30
	b) Exercise (mini-conference)	30 h	60 h	max. 30

2 Module Objectives and Skills to be Acquired

Students who successfully completed this module …

- critically dissect scientific data and literature
- better understand new life science methods and where they can be applied
- improve the understanding of recent discoveries in biochemistry and molecular medicine

3 Module Content

- Students determine the contents of the course to a large extent
- Publication search and evaluation strategies
- Practical recap of commonly applied statistical tools
- Primers on disease and defense mechanisms
- Novel discoveries in the basic life sciences
- Novel therapies in molecular medicine

4 Teaching Methods

- Research- and method-oriented seminars
- Problem-solving workshops
- Peer review & audience interaction via LiveVoting and similar

5 Prerequisites (for the Module) Enrolment in the Master of Biochemistry and Molecular Medicine

6 Type of Examination: Written homework (preparation for the hot topic presentation) (100% of the total)

7 Credits Awarded: Regular and active participation

8 Compatibility with other Curricula

Will be considered on an individual basis depending on availability; master and predoctoral students

9 Proportion of Final Grade: 5%

10 Module Coordinator: Dr. Jakob Suckale, phone 470-3536, e-mail: jsuckale@uni-koeln.de

11 Further Information: Material and details will be provided via an accompanying ILIAS course online. The 1st session will be on Monday, 8 Apr 8-10AM in room 493, Zülpicher St. 47. Thereafter, the course will take place weekly on Mondays from 8-10 AM throughout spring term. From 22 July to 26 July, there will be a full-time mini-conference in room 170. Examination: Homework is due 21 July.