

SYLLABUS

COURSE: MOLECULAR BIOLOGY FOR NEUROSCIENCE

DATES: F: 16 January – 20 February 2015

LOCATION: Seminar Room, 1st floor, Life & Brain building

COORDINATOR: Prof. Susanne Schoch
susanne.schoch@uni-bonn.de

COURSE TEXT: *Purchase of the course textbook is not required. However, students may benefit from additional background information contained in the textbook. Electronic copies of the relevant chapters will be provided to students with sufficient time for everyone to read the material before each lecture.*

Molecular Cell Biology, 7th Ed. Berk, Kaiser, Krieger, Bretscher, Ploegh, Amon, Scott & Lodish. ISBN: 1464109818

Additional reading material in the form of primary scientific articles and review articles will also be distributed.

ATTENDANCE POLICY: *Participation in the Excellence Branch Lecture courses is voluntary for non-Excellence Branch students. However, if you choose to participate, attendance at all of the lectures and completion of the final exam is mandatory. This policy is in place to ensure that students in the course are engaged and committed to their own learning. The courses are designed to facilitate a stimulating training environment for young neuroscience students from diverse academic backgrounds and this goal will be facilitated by committed course participation. If you must miss a lecture due to a family or medical emergency, please inform the course coordinator immediately.*

EXAM POLICY: *A final exam covering the topics presented in class will be administered at the completion of the lecture series. The grading scale for these exams will be: Pass with Distinction (>80%), Pass (50-80%), or No Pass (<50%). The purpose of the exam is to gauge the effectiveness of the lectures as teaching tools and to assess any incompleteness in the teaching curriculum.*

COURSE SCHEDULE:

<i>Date/Time</i>	<i>Lecturer</i>	<i>Topic</i>	<i>Chapter</i>
<i>16.01.2015 8:30AM</i>	<i>Dr Karen van Loo</i>	<i>Genomic organization</i>	<i>4 & 6</i>
<i>23.01.2015 8:30AM</i>	<i>Dr Karen van Loo</i>	<i>Transcriptional control</i>	<i>4, 7 & 8</i>
<i>30.01.2015 8:30AM</i>	<i>Dr Susanne Schoch</i>	<i>Translation & Protein Function I</i>	<i>3, 4 & 8</i>
<i>02.02.2015 8:30AM</i>	<i>Dr Susanne Schoch</i>	<i>Translation & Protein Function II</i>	<i>3, 4 & 8</i>
<i>13.02.2015 8:30AM</i>	<i>Dr Martin Schwarz</i>	<i>Viruses</i>	<i>4</i>
<i>20.02.2015 8:30AM</i>	<i>Final Exam: Life & Brain seminar room</i>		