

LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

Study Questions

Biophysical Chemistry/Molecular Biophysics Wintersemester 2020/2021

Preparation for Lecture 2

Department Chemie Prof. Don Lamb, PhD

Reading:

Optics Section of a Basic Physics Text

e.g. Physics
Cutnell and Johnson
Chapter 26.

Copies of the selected pages are available in the library or is available on Moodle: https://moodle.lmu.de/course/view.php?id=12889

Questions:

1) What is the	lens equation?
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- 2) How is magnification defined for a single lens system? How is the magnification defined for a two lens system?
- 3) What is Snell's Law?
- 4) What is Numerical Aperture?
- 5) How does a simple microscope function?