

# Forum:Seminar papers/Biophysics/2. LF/2014-2015/Group 1

Group 1:

## Eye from the biophysical point of view

### Subquestions

- Eye as an optical system
- Visual acuity (vision sharpness)
- Biophysics of eyesight disorders
- Light-sensitive elements (and their function)
- Resolution of an eye
- Vision adaptation (day and night)

### Responsibility for the page content

Subquestion (Link to the subquestion)	Developed by username (Surname, First name)	Team	Started	To be checked	Checked	Evaluation	Notice
Eye as an optical system	Denniskum (Kum, Dennis) Sabas (Saba, Salma)	1A 1B	02.12.14	07.12.14		****	
Visual acuity	Koko (L'Erario, Stefano)	1B	06.12.14	10.12.14		****	
Biophysics of eyesight disorders	Asylhan (Ukenov, Asylhan )	1D				***	
Light-sensitive elements	Nikolaser (Pozharitskiy, Nicolai)	1B	02.12.14	07.12.14		****	
	Danmandhk (Khorasani, Daanish)	1D					
Resolution of an eye	Kraftma (Kraft, Maximilian)	1C				****	
Vision adaptation	Camibo (Bo, Camilla)	1B	06.12.14	10.12.14		****	

## Tissues from the biophysical point of view

### Subquestions

- Muscle tissue
  - Biophysical principles of muscle contraction
- Epithelia
  - Major types of intercellular junctions
- Connective tissues
  - Biophysical aspects of extracellular matrix function
- Nerve tissue
  - Biophysical principles of nerve impulse propagation

### Responsibility for the page content

<b>Subquestion</b> (Link to the subquestion)	<b>Developed by</b> username (Surname, First name)	<b>Team</b>	<b>Started</b>	<b>To be checked</b>	<b>Checked</b>	<b>Evaluation</b>	<b>Notice</b>
Muscle tissue	AlexanderS (Scheid, Alexander)	1A		07.12.2014		***	
Biophysical principles of muscle contraction	geraldine (Bahr, Geraldine))	1A				**	
Epithelia	JacobB (Brandstetter, Jakob)	1A				**	
Major types of intercellular junctions	Anastasia engel (Engel, Anastasia )	1C	6.12.2014	07.12.2014		***	
Connective tissues	FabianKatharina (Fabian, Katharina)	1A	07.12.2014	08.12.2014		***	
Biophysical aspects of extracellular matrix function	Vincent.Vogl (Vogl, Vincent)	1C	06.12.2014	07.12.2014		***	
Nerve tissue	Alireza Ziaee (Ziaee, Alireza)	1C		0712.2014		**	
Biophysical principles of nerve impulse propagation	Florian Scholz (Scholz, Florian)	1C		7.12.2014		****	

Evaluation of the article:

- \* – this article is not good
- \*\* – this article could be worse
- \*\*\* – this article is good
- \*\*\*\* – this article is very good
- \*\*\*\*\* – this article is excellent

## Preparing subquestions

Click on your red coloured subquestion on the table above. The appropriate edit window will be opened and you will start creating the content.

## Help

- Global help: Help:Contents
- Pictures: Lots of free pictures are available on: Wikimedia Commons (<http://commons.wikimedia.org/wiki>)
- Every article must have sources (bibliography); see Template:Cite/documentation how to cite sources.

## Instructions

- Every wikipage (i. e. *subquestion*) should be prepared by **one student**.
  - Only in the case when the number of students in the group is greater than the number of the subquestions is allowed that some subquestions will be prepared by two co-operated students; every of them has to edit appropriate part of the wikipage.
- Fill your *Username* and *real name* in the column: *Developed by username (Surname, First name)*.
- Fill the date in the column *Started* when you start editing the page.
- The **deadline for this seminar work is on Sunday, December 7th**.
- After the Wikipage is written it has to be checked by the professor Carmel J Caruana. Then:
  - On the beginning of the wikipage must be inserted the template:

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{{Check|CarmelJcaruana}}
```

- - Then fill the date in the column *To be checked*.
  - When in doubt e-mail to: [carmel.j.caruana@um.edu.mt](mailto:carmel.j.caruana@um.edu.mt)