

# Forum:Seminar papers/Biophysics/2. LF/2014-2015/Group 3

Group 3:

## Thermodynamics and living organism

### Subquestions

- Living organism as a thermodynamic system
- Heat transport
- Thermal comfort of organism
- Organism thermoregulation

### Responsibility for the page content

Subquestion (Link to the subquestion)	Developed by username (Surname, First name)	Team	Started	To be checked	Checked	Evaluation	Notice
Living organism as a thermodynamic system	Cami (Marinelli, Camilla) Margarida Guiomar (Guiomar, Margarida)	3B	01/11/2014	06/12/2014		****	
Heat transport	Leonor Vicente (Vicente, Maria Leonor) Soraia Gonçalves (Gonçalves, Soraia)	3B	29.11.2014	02.12.2014		***	
Thermal comfort of organism	MiroPredny (Predny, Miro) Osama (Nasreldin, Osama)	3A 3D				****	
Organism thermoregulation	MichalK (Kolinski, Michal) Filip216 (Koninski, Filip)	3D	02.12.2014	07.12.2014		***	

## Influence of temperatures on human organism

### Subquestions

- Thermometry (temperature measurement)
- Thermography
- Thermotherapy:
  - Influence of high temperatures on human organism – effect mechanism, danger
    - Hyperthermia therapy
  - Influence of low temperatures on human organism – effect mechanism, danger
    - Cryotherapy

### Responsibility for the page content

Subquestion (Link to the subquestion)	Developed by username (Surname, First name)	Team	Started	To be checked	Checked	Evaluation	Notice
Thermometry	Elchin (Hasanli, Elchin) Tahoe (Naeem, Syed Taha)	3B 3A	01.12.2014	06.12.2014		****	
Thermography	Biophysics 3C (Schachten, Gunilla) Leon (Hollmann, Leon)	3C 3A				***	
Influence of high temperatures on human organism	Linusk (Keidel, Linus) AhmedHaki (Haki, Ahmed)	3A	29.11.2014	07.12.2014		***	
Hyperthermia therapy	YasmeenAb (Sayed Abdulrahman, Yasmeen) Laylaabdulla (Abdulla, Layla)	3C	29.11.2014			*****	
Influence of low temperatures on human organism	Pia (Runde, Pia) Fanny (Keidel, Franziska)	3D	04.12.2014	07.12.2014		****	
Cryotherapy	yuri (Santos, Yuri) Pedro Tapadinhas (Tapadinhas, Pedro)	3C	01.12.2014	07.12.2014		***	

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:

```
{{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)