First Name:	Surname(s)	. Faculty:	Group:
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Microscopy I. Biophysics Lab - 2014/2015 first semester

Date of lab:						Evaluation by lab teacher:				
Measured together with:						🗖 :	accepted	si	gnature	
		on of the				ngth med l cells.	isuremei	ıts.		
Fund Objective Knov Fund Specimen Type	ope: ction: cscale: wn scale: ction: ction: ction: ction: ctions: ction: ction: ction: ction: ction: ction: ction: ction: ction:	ag: on e units = surement:	eyep	piece sca			=.	·		. μт.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
length (EU) length										
(µm)	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.
length (EU) length (µm)										

Lab teacher's signature proving lab work:

	s and calculations:			
Stat	istical calculations:			
(The	e calculations were d	one on EU and the resu	elts were convert	ed to micrometers.)
	Statistical	l parameter	EU	μm
	arithmetic mean	$\frac{1}{x} = \frac{\sum_{i=1}^{n} x_i}{n}$		
	standard deviation	$s = \sqrt{\frac{\sum_{i=1}^{n} \left(x_i - \overline{x}\right)^2}{n-1}}$		
	standard error	$s_{\bar{x}} = \frac{s}{\sqrt{n}}$		
1. 9 (25% confidence inter	val of the length of red),	l blood cells: (us	$\sin g = \frac{1}{x} \pm 2 \cdot s_{\overline{x}} estima$
			of the length o	f red blood cells
_	$\frac{95\%}{x \pm 2 \cdot s}$ reference inter $\frac{1}{x \pm 2 \cdot s}$ estimation):	val (normal range) o		

Conclusion: