

Have you ever wondered what the human body is made of and how it works? How our organs are created in the womb from just an egg and a sperm? How our lungs are able to extract oxygen from air and how the heart can rhythmically pump blood around our body, responding to exercise and stress by pumping faster? How our stomach digests food to provide us with the nutrients we need? How kidneys filter toxins from our blood? How our brain makes sense of the world around us and enables us to interact with it in order to survive? And, finally, how disease can affect these functions, leading to devastating consequences, such as heart attacks and strokes?

Age 15 - 17 years old	Duration 10 sessions 4 hours each	Lecturer Mr Polyvios Christofi Senior medical student, University of Cambridge, School of Clinical Medicine
	Cost 475 Euro	Supervisor Dr Jessica White, MB BChir MRCP PhD, Consultant Physician and Director of Studies, Hughes Hall, University of Cambridge
	Venue Xenion High School - Paralimni	
	Registration fee 25 Euro	

Summer Camp Introduction to Medicine

If you find the above questions intriguing, then join us for an 'Introduction to Medicine' summer camp to explore the fascinating science of the human body. This course will provide an opportunity for students to **explore the possibilities of pursuing careers in medicine** and medical research, as well as improve their knowledge of how to take care of our health and well-being. The course will run for two weeks.

Each day will consist of four hours of classes; exploring the anatomy, physiology, biochemistry and pathology of the human body, covering one system each day.

The following TOPICS will be explored:

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| 1. Cell Biology & Biochemistry | 2. Haematological & Immune System |
| 3. Cardiovascular System | 4. Respiratory System |
| 5. Gastrointestinal System | 6. Renal System |
| 7. Endocrine System | 8. Nervous System |
| 9. Musculoskeletal System | 10. Formative assessment & careers in medicine |

Financial assistance with course fees is available for students from an underprivileged background. Accommodation is available upon request. Limited number of places is available.



To apply for a place, download the application form from www.xenion.ac.cy and send it via email to med@xenion.ac.cy



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