

# Katarína Šamuová

📅 21/07/2000

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## + Work Experience

### Research Shadowing

Sir William Dunn School of Pathology, University of Oxford, Oxford, United Kingdom

- Studied modelling of Alzheimer's disease by Induced Pluripotent Stem Cells carrying LARK 2 mutation.
- Participated in an experiment focused on differentiated and genetically modified macrophages from epithelial cells and their reaction to the presence of polystyrene beads in the media.

**Waitress** 06/2019 – 08/2019  
Café Brera, London, Canary Wharf, United Kingdom

- Managing closing duties, including restocking items and reconciliation of the cash drawer.
- Working with other servers and being a team player.

**Marketing & Design** 09/2018 – 03/2019  
Hack Kosice, Kosice, Slovakia

- Coheaded multimedia marketing campaigns.
- Designed social media posters for advertisement and marketing material for the hackaton.

**Research Shadowing** 02/2018 – 01/2019  
University of Pavol Jozef Šafárik, Kosice, Slovakia

- Performed cell passaging and MTT Assay under supervision.
- Studied inhibition of cellular respiration and uses of differentiated cell line in investigation of Parkinson's disease.

## + Education

**Medicine** 06/2019 – present  
Charles University, Second Faculty of Medicine, Prague, Czech Republic

**Grammar School** 09/2015 – 05/2019  
Gymnázium, Poštová 9, Kosice, Slovakia

Straight A's in Chemistry, Biology, English & Slovak Language (Equivalent to A levels).

## + Skills

### Languages

Slovak	Native
Czech	Native
English	Proficient
German	Intermediate, DSD I B1

### Software

Microsoft Office	
Adobe Photoshop	
Adobe Illustrator	
Adobe Indesign	

## + Achievements & Awards

- 2x *St. Gorazd Plaque* Awarded for top students by the Slovak Ministry of Education
- Silver and Bronze medals from International Young Physicist's Tournament in Beijing (2018) and Singapore (2017)
- Gold (First Prize) from Austrian Young Physicist's Tournament in 2018

## + Volunteering

**EUSEM Volunteer** 10/2019  
European Congress of Emergency Medicine 2019, Prague, Czech Republic

**Volunteer at Children's Oncology** 10/2018 – 05/2019  
Louis Pasteur University Hospital, Kosice, Slovakia

- Communicating and interacting with patients.

**Team Leader** 03/2017 – 06/2018  
Young Physicist's Team, Kosice, Slovakia

- Pursued a wearable concept of work delegation and strategy to improve our quality and performance at the competition (IYPT).
- Organized activities and assigned tasks.