

RÉKA LILI CSIPÁN



National Academy of Scientist Education, 1st year

Semmelweis University
Faculty of Medicine, 2nd year

YEAR OF BIRTH

2000

FORMER SZENT-GYÖRGYI PUPIL

no

RESEARCH UNIT

Semmelweis University

SZENT-GYÖRGYI MENTOR

Lajos Kemény

JUNIOR MENTOR

Katalin Buday

SPECIALIZATION

Oncoimmunology,
Dermatology, Oncology,
Dermatooncology,
Pigmentation, UV radiation

SECONDARY SCHOOL

Szigetszentmiklósi
Batthyány Kázmér
Gimnázium

NAME OF TEACHER

Gyöngyi Ónodiné Hanácsék,
Katalin Nusser

LANGUAGES

English/C1
German/A2

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

I am amazed by the idea that my research could contribute to a better understanding of how our body works, leading to safer and more effective treatments for certain diseases and helping physicians care for a wider patient population. I am inspired by the possibilities of scientific advancement through medicine, and I hope to become not only a clinician but also a researcher and scientist.

AMBITIONS AND CAREER GOALS

Through my experiences in the medical field, I realized that health is the most precious and fragile thing we can have. Likewise, an improvement in health is the greatest gift a person can give to another. This pivotal realization gave purpose to my desire to become a doctor, and a dream manifested within me: to be someone who could restore health in others. My research experience at the McMahon Lab showed me the possibility to bring my knowledge from benchside to the bedside, helping me understand the importance of scientific research in the context of medicine. During my time in the lab, I also developed a desire for the pursuit of knowledge and lifelong learning. I hope to carry these values into my medical career, continuously improving myself and the quality of care I provide to others.

HONORS AND PRIZES

- Community Service with Excellence Award (University of Southern California)
- The Most Outstanding Student Award for the Endocrinology and Metabolism capstone course (University of Southern California)

PUBLICATIONS

Achieng, MA., Schnell, J., Fausto, CC., **Csipán, RL.**, Koppitch, K., Thornton, ME., Grubbs, BH., Lindström, NO. (2025). Axial nephron fate switching demonstrates a plastic system tunable on demand. **Nat Commun** 16(1): 7912.