SÁRA VIDA

National Academy of Scientist Education, 3rd year

Semmelweis University
Faculty of Medicine, 3rd year

YEAR OF BIRTH

2002

FORMER SZENT-GYÖRGYI PUPIL

no

RESEARCH UNIT

Institute of Experimental Medicine

SZENT-GYÖRGYI MENTOR

Ádám Dénes

JUNIOR MENTOR

Balázs Pósfai

SPECIALIZATION

neuroimmunology

SECONDARY SCHOOL

Fazekas Mihály Practising Primary School and High School, Budapest

NAME OF TEACHER

Gábor Endresz, Erika Hirsch

LANGUAGES

English/advanced
French/intermediate
German/intermediate

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

Neurological diseases are a huge burden on society. Unfortunately, current attempts at the treatment of such diseases or even at the halting of neurodegeneration are extremely expensive, and almost all fail at the clinical stage. The vast majority of such pursuits are targeted at neurons. Our lab aims to put the emphasis on the brain's resident immune cell, microglia, and understand the complexity of the human brain and the aforementioned diseases through the study of microglia cells and microglial interactions under anatomical and different pathological conditions. We assume that the study of the functioning of microglia in a neuropathological context can contribute to a better understanding of diseases and the discovery of possible therapeutic targets.

AMBITIONS AND CAREER GOALS

In the forthcoming years, I would like to successfully complete my degree in General Medicine at Semmelweis University while continuing my current research at the Institute of Experimental Medicine in the Neuroimmunology Research Group with the support of the National Academy of Sciences, and contribute to the advancement of our scientific knowledge. My long-term goal is to become a successful researcher. I also aim to obtain a PhD and postdoctoral degree. The knowledge one can obtain through the programme, as well as the publications and chances to participate in conferences, provide an excellent opportunity to achieve these goals.

HONORS AND PRIZES

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PUBLICATIONS

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