

MÁRTON TILESCH



National Academy of Scientist Education, 2nd year

University of Szeged
Faculty of Pharmacy, 2nd year

YEAR OF BIRTH

2004

FORMER SZENT-GYÖRGYI PUPIL

no

SZENT-GYÖRGYI MENTOR

István Szatmári

JUNIOR MENTOR

Bálint Lőrinczi

SPECIALIZATION

pharmaceutical chemistry

SECONDARY SCHOOL

Táncsics Mihály High School, Kaposvár

NAME OF TEACHER

dr. Endréne Miklós

LANGUAGES

English/intermediate

IMPORTANCE, AIMS AND POSSIBLE OUTCOME OF RESEARCH

The MMP13 enzyme is associated with several diseases, such as spondyloepimetaphyseal dysplasia, for example. The inhibitory effect of several quinoline-based compounds on MMP13 is known, but currently there is no molecule available that could be effectively used as a drug. The goal of our research group is to synthesize as many potentially such compounds as possible, which can be used in later stages of drug development, and hopefully among them will be the cure for the aforementioned and some other diseases.

AMBITIONS AND CAREER GOALS

I've always wanted to try my hand at scientific research, and the Szent-Györgyi programme is an excellent opportunity to do so. I can gain a body of knowledge and technical skills that will be of great help to me in my work, whether in academia or in the clinic.

HONORS AND PRIZES

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PUBLICATIONS

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