



Exhibition „Human tears as art“

The exhibition "Human Tears as Art" was presented to the general public in the Košice Kulturpark in the Bravo building from **15.1.** until **17.2.2019**.

At the exhibition, 27 interesting scientific-art images of the tear fluid of patients, displayed using an atomic force microscope, were presented to the general public. The presented images are the result of the collaboration of ophthalmologist MUDr. Gabriela Glinská and three research teams gathered around **doc. RNDr. Vladimíra Tomečková, PhD.** The pilot scientific-art project aims to bring to the general public the results of several years of research through images, which point to the interesting diagnostic potential of original depictions of human tear fluid in various diseases, as the tears of patients with various diagnoses differ in their structure from the tears of healthy people. Part of the ceremonial opening of the exhibition was the screening of a short film with unique depictions of various eye and systemic diseases in the tear fluid of sick people, combined with a short lecture by doc. RNDr. Vladimíra Tomečková, PhD., who stated, among other things: "People express various emotions through tears, but we have become convinced that tears can even reveal the presence of various diseases. It's incredible, but each tear is unique in its structure."

The exhibition presented the results of research focused on the microscopic observation of tear fluid and is an example of successful cooperation between two faculties of UPJŠ in Košice (Medicine and Science) and the Slovak Academy of Sciences. As noted by the vice-rector of the University of Pavol Jozef Šafárik in Košice and the head of the Institute of Medical and Clinical Biochemistry UPJŠ FM prof. Ing. Mária Mareková, CSc., the first results of research focused on the microscopic observation of tear fluid are very interesting, and the successful cooperation of the Faculty of Medicine with the Faculty of Science of UPJŠ and the Slovak Academy of Sciences will continue. "I believe that it will bring not only other artistic images attractive to the general public as evidenced by the opening, but also new scientific information that will enrich our knowledge," she stated.

The achieved scientific research results were published in two impact journals and one work was published in a domestic periodical. The results were presented at domestic and foreign conferences as well as in the form of invited lectures (3/2). The theses are registered at the UPJŠ in Košice and accessible on the website:

https://aleph.upjs.sk/F/7MCUFUA1PPU88Y2FRQTTHU74T9REDC8AE879GSQTCJ5F7159Q-40009?func=find-c-0&local_base=epc01

The media response to the pilot scientific and artistic project, which also served as media promotion of the University of Pavol Jozef Šafárik in Košice, was considerable. The exhibition was presented on TV JOJ, RTVS as well as in various print and electronic media, e.g.:

[https://www.upjs.sk/prirodovedecka-fakulta/20002/;](https://www.upjs.sk/prirodovedecka-fakulta/20002/)
https://www.sav.sk/?lang=sk&charset=&doc=services-news&source_no=20&news_no=8052



Events

Department of Medical and Clinical Biochemistry

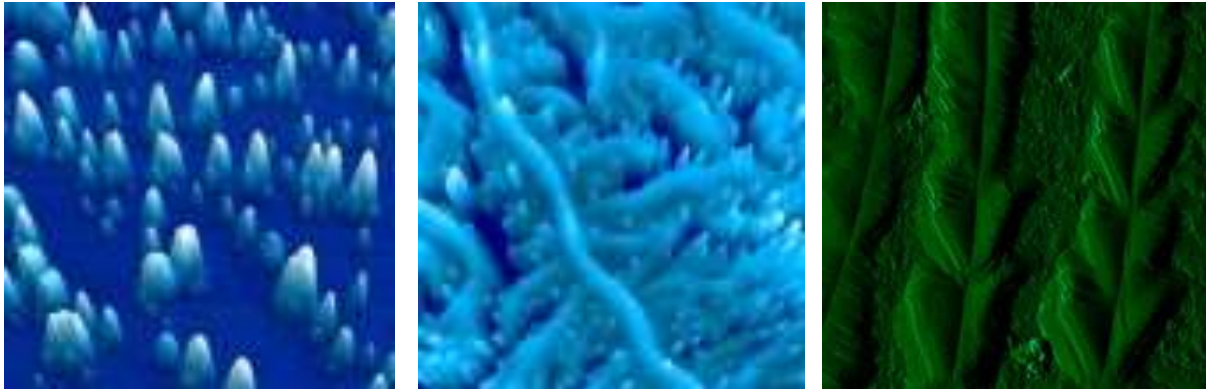


Team of authors



Presented artworks





Vernissage of the exhibition

