UNRAVELING THE SECRETS OF TEAR FLUID

Tear fluid research @ University Eye Clinic Maastricht
by dr. Marlies Gijs

Female Empowerment

Maastricht University

Tear fluid is a fantastic body fluid. It contains > 100 molecules, such as proteins, antibodies, enzymes, lipids, (m)RNA, DNA, etc. In my research, I try to unravel the secrets of tear fluid. More specifically, I investigate tear fluid in a wide range a diseases, from ocular diseases to Alzheimer's disease and COVID-19. Here, I show some interesting results from recent studies.

OncoTears

Does cancer immunotherapy affects the tear film?

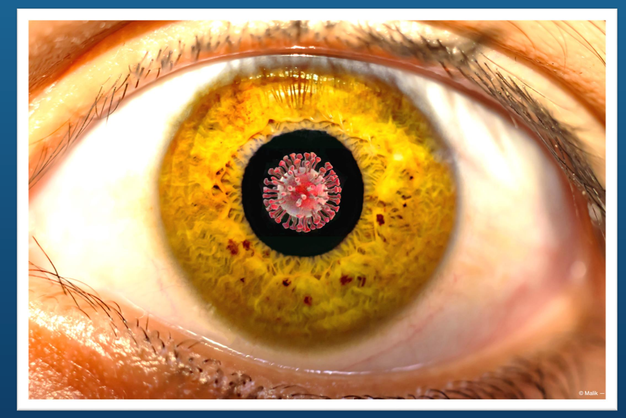
✔ YES

AlzheimerTears

Are Alzheimer biomarkers detectable in tear fluid?

✔ YES

CovidTears



Is SARS-CoV-2 virus present in tear fluid?

✔ YES

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