

ALARM – A viral alert realtime monitoring



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SUMMARY

The COVID-19 pandemic poses a great social and economic burden on individuals and society and the infection with the SARS-CoV-2 virus may lead to severe acute or long-term disease.

An important tool against the COVID-19 pandemic is the early diagnosis of SARS-CoV-2 infected individuals. Tests help to detect and break infection chains more rapidly and can provide additional security in everyday life.

In this SPARK project, the team develops a simple, fast and affordable test system that detects the virus with high sensitivity, is cheaper and more accurate than commonly used lateral flow antigen tests and will be particularly suitable for screenings at large events.

PROJECT GOALS

- Build a functional device prototype
- Pre-clinical validation

LONG-TERM GOALS

- Startup foundation or license to industry
- CE certification as a medical device