

# BINDER freezers do their part in coronavirus vaccine research



## Applications:

- Long-term virus research involving dangerous pathogens at the University of Bern's high-security laboratory in Mithelhäusern, Switzerland
- Coronavirus research
- Highly infectious diseases such as foot-and-mouth disease are also a focal point of virus research
- Samples are taken as and when required, or stored in the ultra low temperature freezer until they are needed.

## Customer requirements:

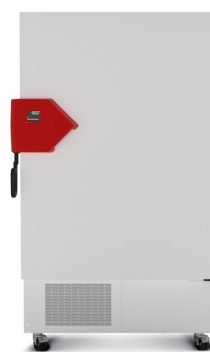
- Constant, permanent temperatures of -80 °C
- Door lock for secure storage
- Simple operation for laboratory workers wearing protective equipment
- Space-saving in laboratory environments
- Quiet operation
- Absolute reliability
- Low power consumption



Swiss virologist Professor Volker Thiel is a man in high demand – and his name is now known around the world following his success in creating the first synthetic coronavirus clone at the end of March.

## BINDER solution: ultra low temperature freezers

- Range of temperature controller: -90°C to -40°C
- Lowest energy consumption in its class
- Powerful cascade compressor cooling unit
- Environmentally friendly refrigerants R-290 and R-170
- Efficient thermal insulation with vacuum insulation panel
- Innovative door gasket concept reduces buildup of ice
- Ergonomic door handle
- Rust-proof interior made completely of stainless steel
- Detachable inner doors made of stainless steel



> UFV 700 model

**BINDER freezers have become a stalwart of my work.**

says Professor Thiel

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