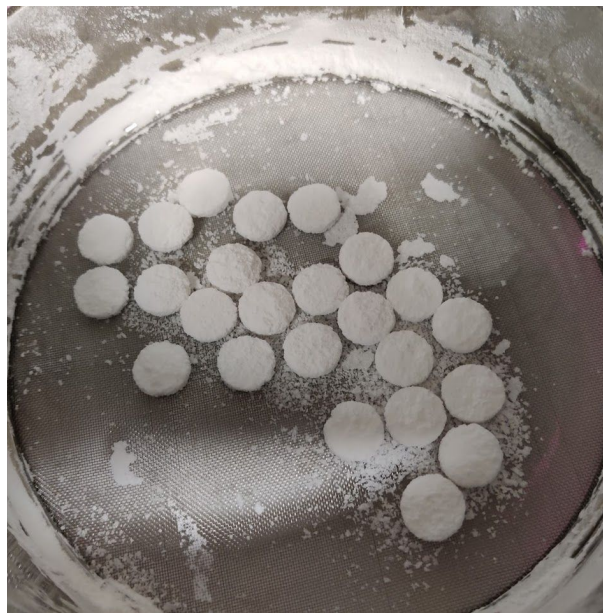
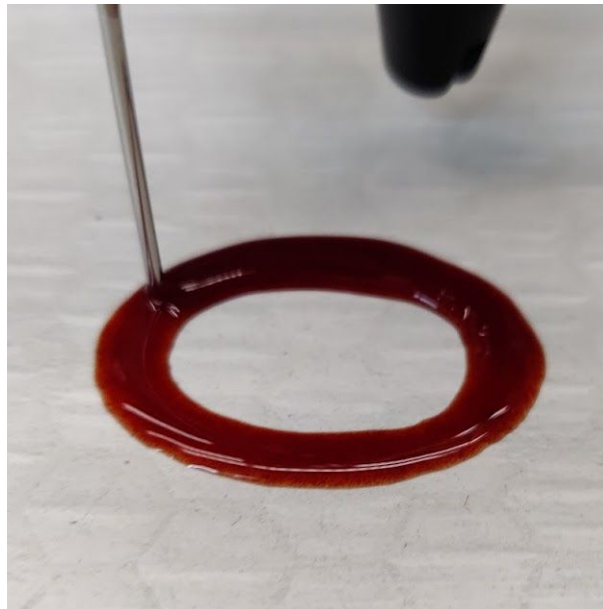


Institute 404

Ljubljana - Slovenija

Rok Capuder
direktor

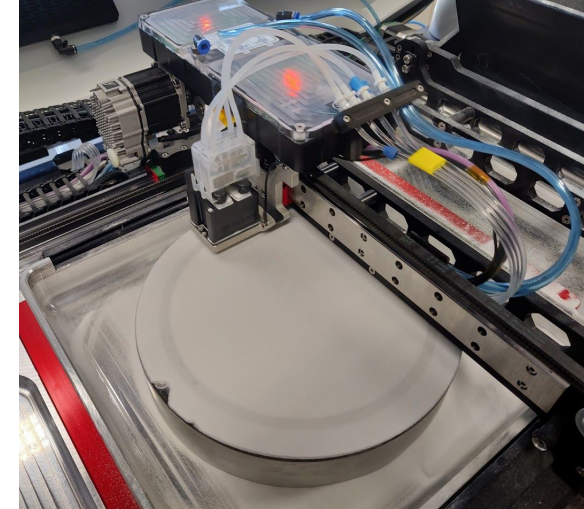


Company overview



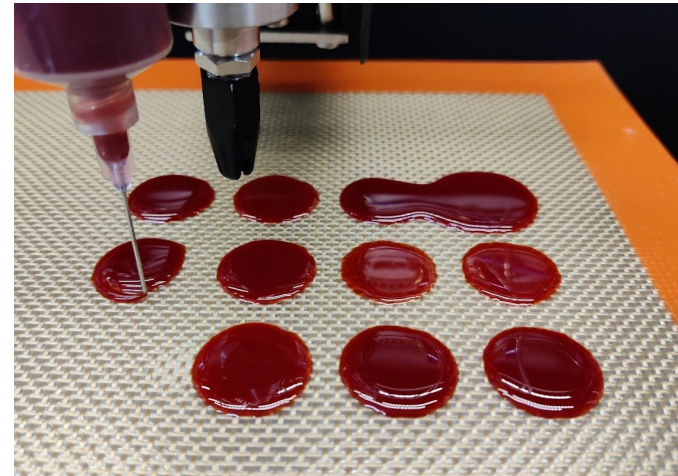
Zavod 404 - Institute 404

- Privately owned institution
- Youth competence building
- Mechanical application and rapid prototyping
- 8 coworkers, workshop in Ljubljana



Machine prototype development and small series production

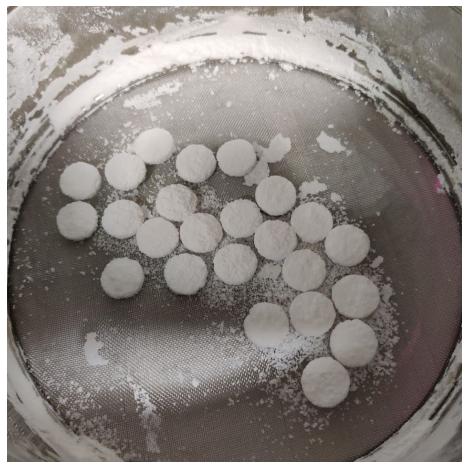
- Mechanical systems
- Software development
- Additive manufacturing



Company overview



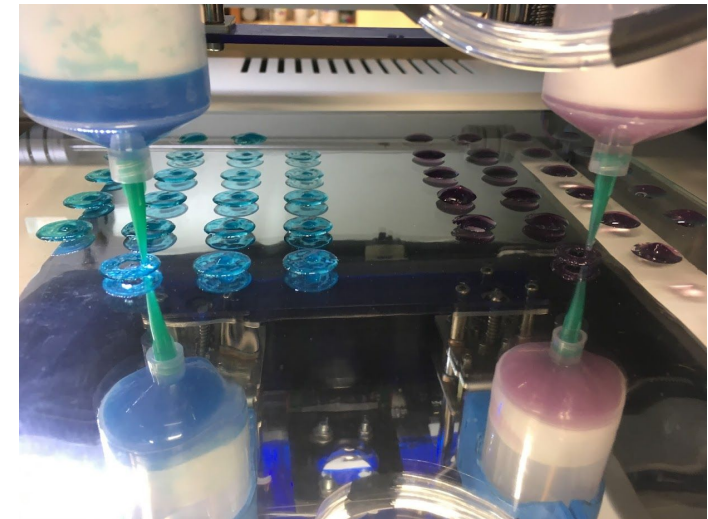
- AM systems for pharmaceutical and food supplement prototyping (FDM, powder fusion and gel based)
- Laboratory equipment development and deployment



Powder based 3D printer



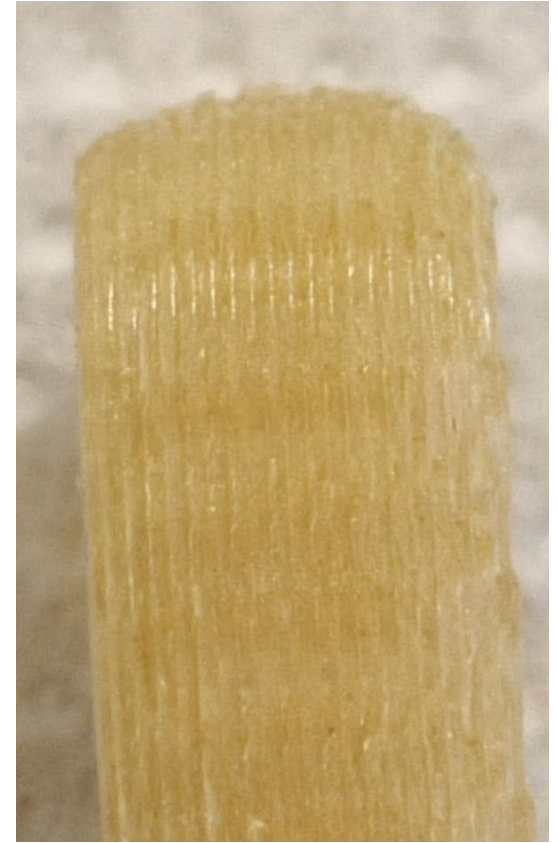
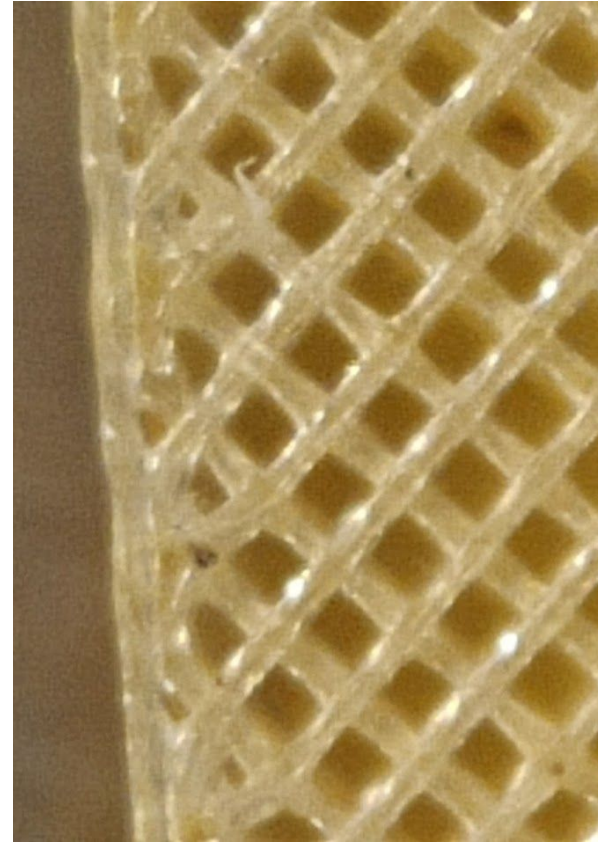
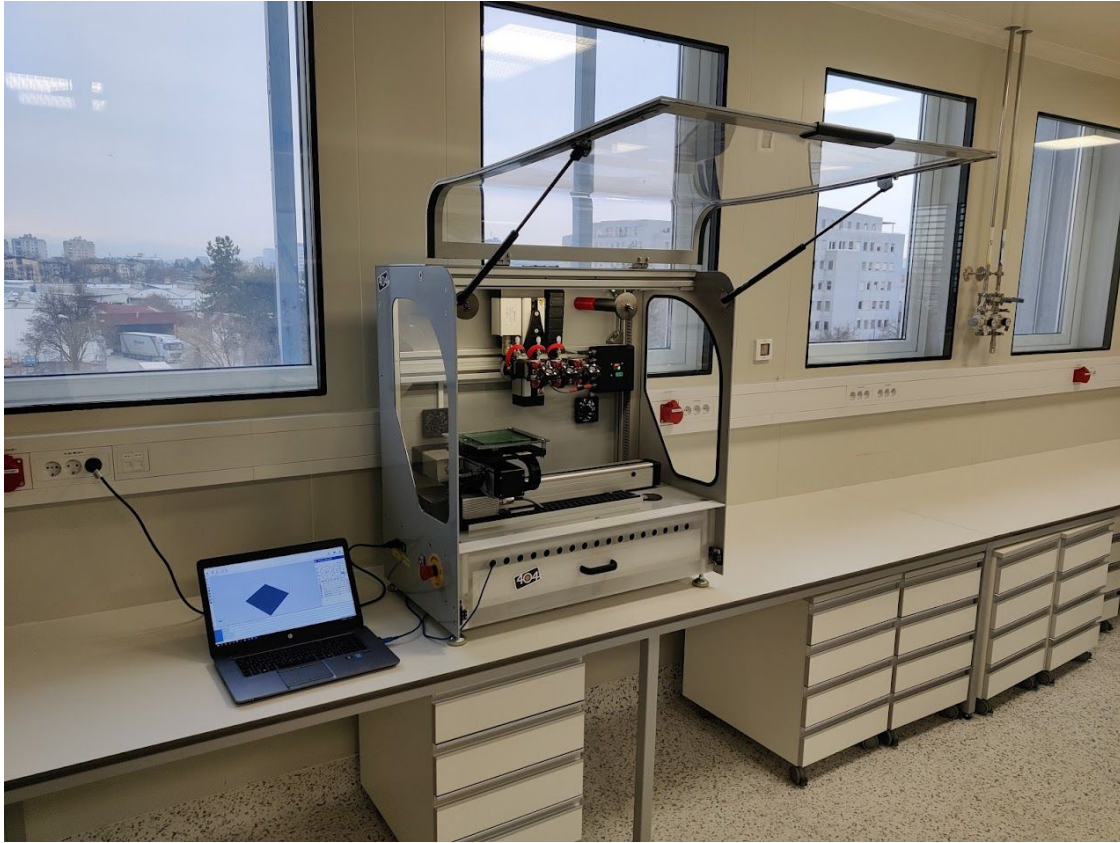
LlamaJET labware marker



Gel - based 3D printer



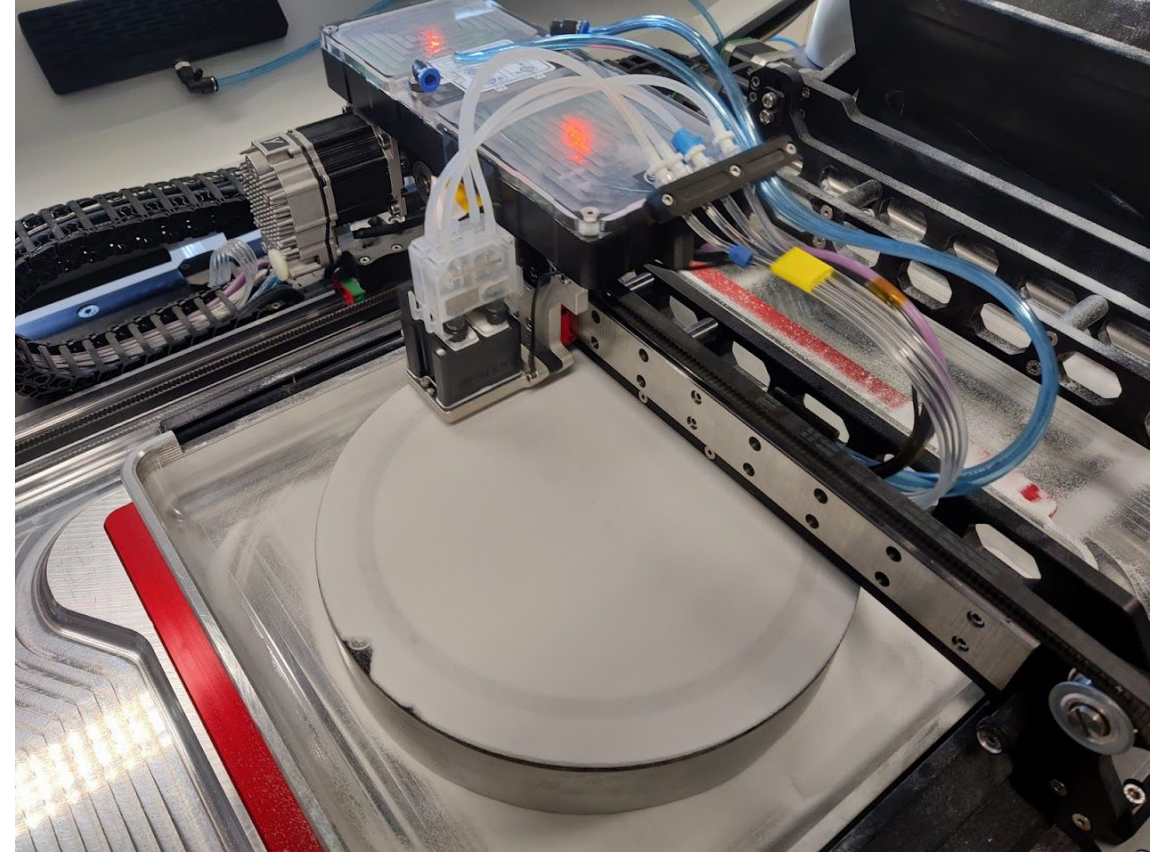
Additive manufacturing



Fused Deposition Modelling



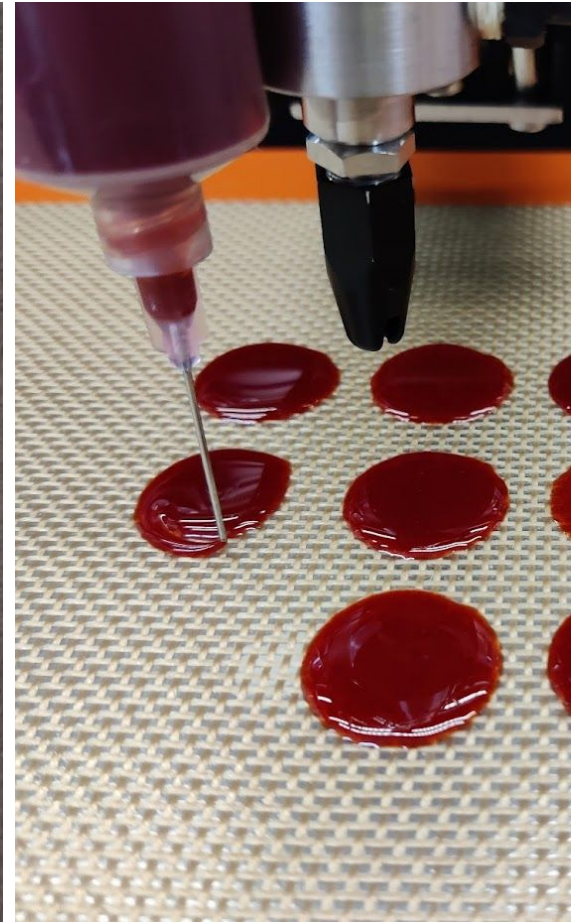
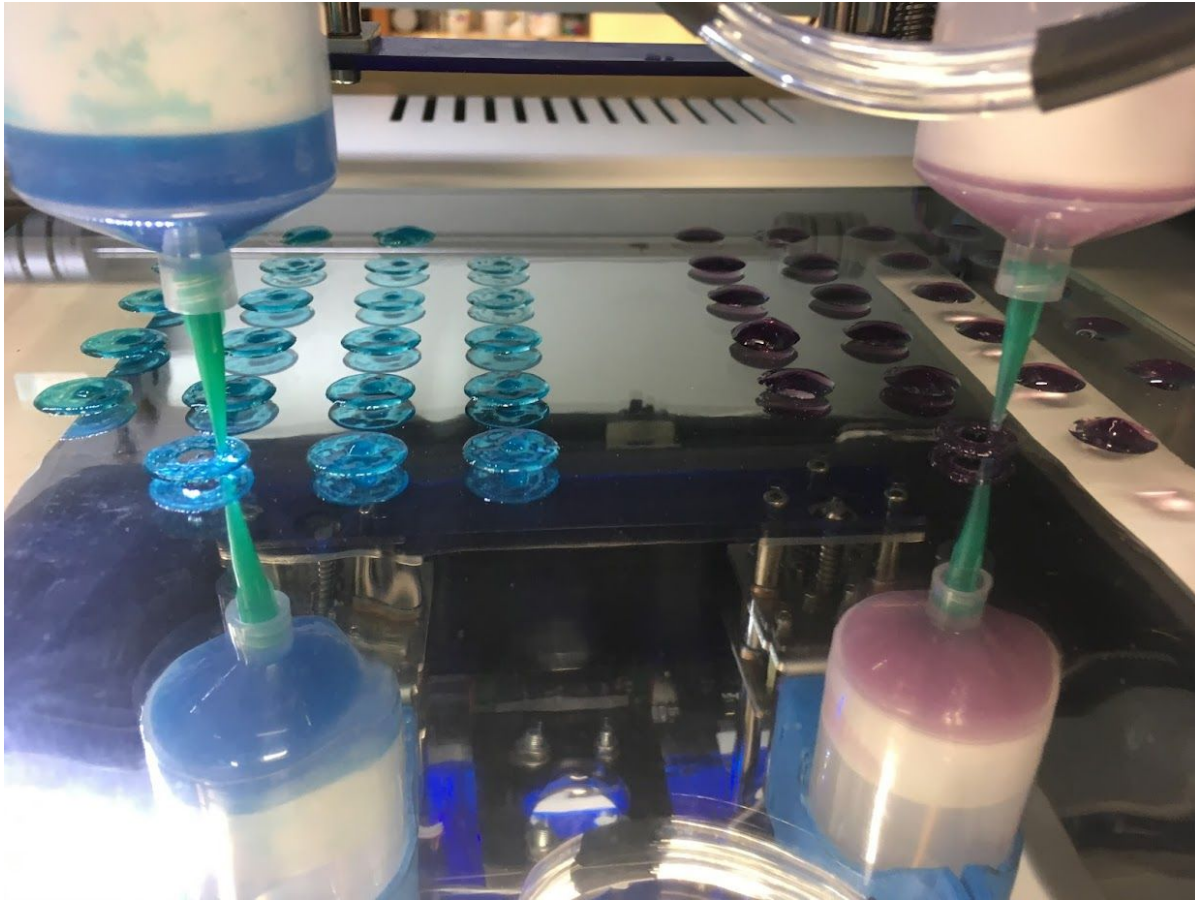
Additive manufacturing



Powder jetting



Additive manufacturing



Gel extrusion



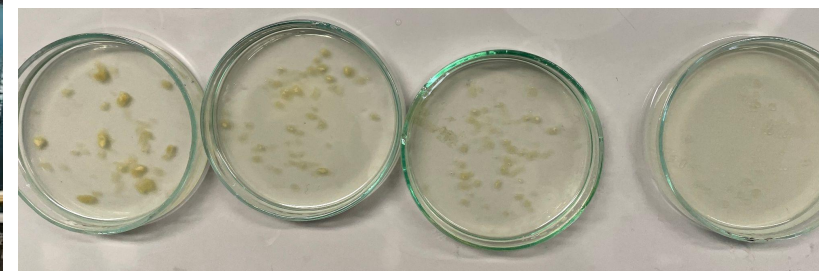
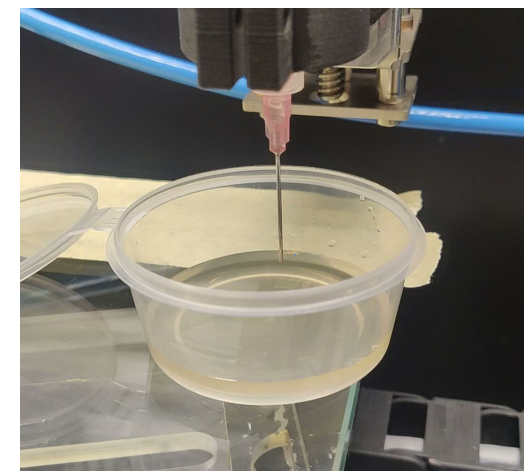
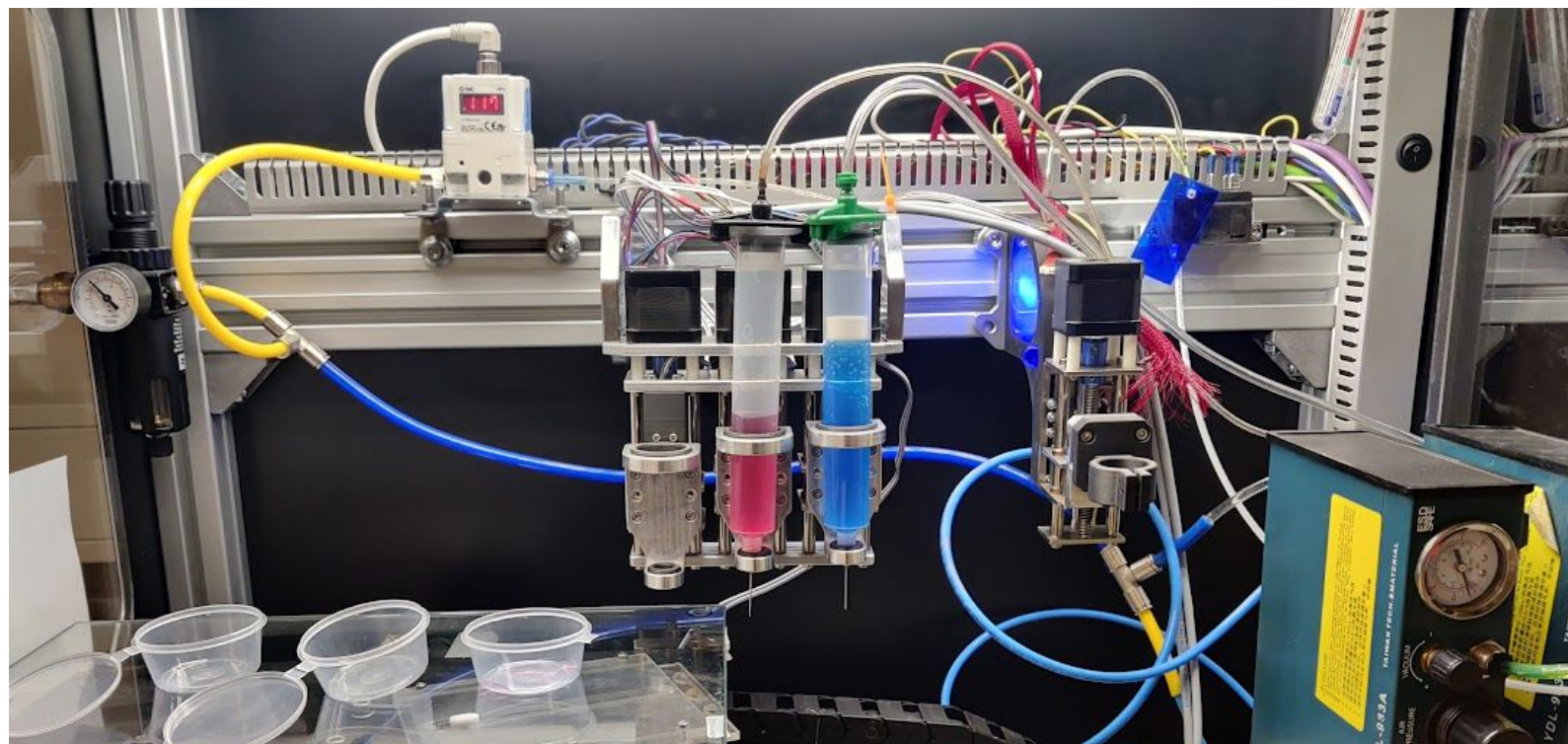
3DMedLowG

- ESA RPA Open Call 2021 in Slovenia
- **3DMedLowG - personalized medicine and food in space**

Univerza v Ljubljani
Biotehniška fakulteta



 **VESOLJE SI**
CENTER ODLIČNOSTI VESOLJE,
ZNANOST IN TEHNOLOGIJE



Vision for SPACE

Development of a responsive device capable of producing personalized pharmaceutical and nutritional forms in form suitable for consumption in zero-gravity space.



REMARK: Not the actual technical solution

