

3 Questions to.... ...Michael Gasik from Aalto University



What has been most surprising and challenging for you related to your involvement in PANBioRA so far?

Somewhat surprising were biomechanical differences between conventional and 3D printed specimens.

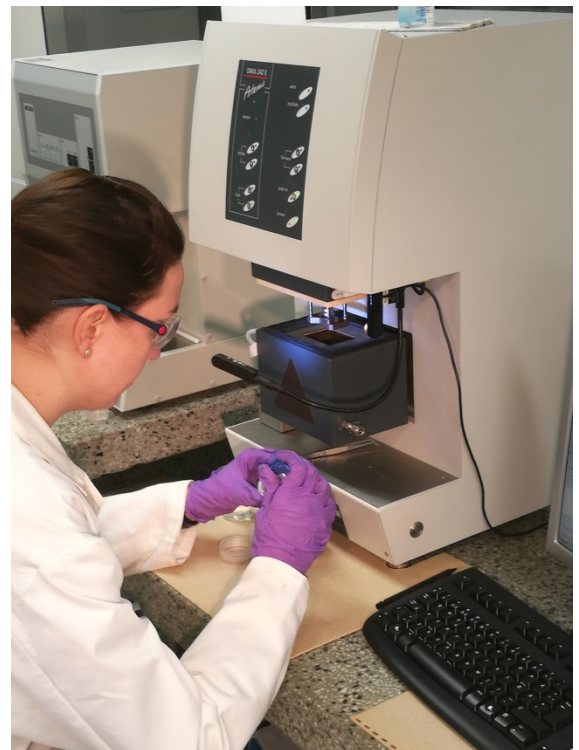
Most challenging was to obtain consistent specimens in geometry and their biomechanical testing.

How would you describe PANBioRA in one sentence?

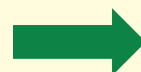
An ambitious project to solve the challenge of the personalized medical care with tailored biomaterials response.

From your point of view: What will be the biggest impact of PANBioRA?

The working system with coherent approach to provide a multi-criteria decision aiding for the users and patients to decide about the risks/benefits of a specific medical device



Learn more about Aalto University and their involvement in PANBioRA!



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Aalto University, Finland

Department of Chemical and Metallurgical Engineering



[Aalto University Foundation](#) is one of the leading universities in Finland working in the fields of technology, business and art. AALTO has a strong international cooperation with MIT and Stanford University, and offers executive development services in Poland, Sweden, Singapore, South Korea, Taiwan, China and Indonesia. Altogether AALTO has about 25000 students, 3500 of whom are doctoral students. The personnel number is about 5000 people, of which 350 are professors.

The PANBioRA project is performed in the Department of Chemical and Metallurgical Engineering, which fields of activity cover sustainability in better utilization of materials, designing more efficient processes as well as development of new products based on them. The [research group](#) of AALTO led by Prof. Dr., Dr. Sci., Michael Gasik combines materials science, biomedical engineering and applied chemistry.

Role in PANBioRA:

AALTO will integrate its biomechanical enhanced simulation testing (BEST) system with the other components of the PANBioRA platform to reveal possible effects of biomechanical stimulation on biomaterials performance.

