

# 3 Questions to....

...Varvara Gribova  
from INSERM



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

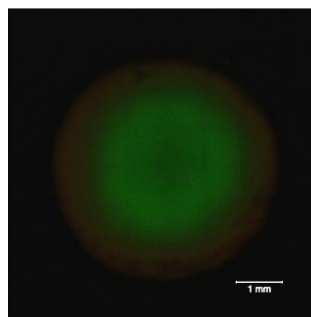
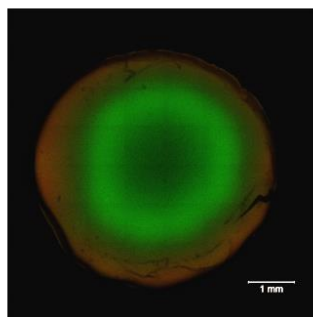
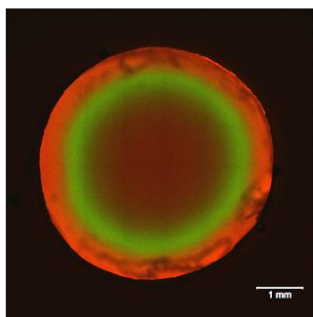
I was **surprised** how all the partners were motivated and willing to collaborate. It is great to share knowledge, e.g. Elvesys came to observe how we perform genotoxicity experiments and sent samples to us for testing. Also, I admire the way Nihal Engin Vrana coordinates this huge project.

Most **challenging** was the experimental part, which was about 6 months of work and involved determining how much polyarginine (antibacterial molecule) entered hyaluronic acid hydrogels that I developed.

T=0

T=24

T=48



Hyaluronic acid hydrogel discs loaded with fluorescently-labelled polyarginine (PAR).  
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## From your point of view: What will be the biggest impact of PANBioRA?

Raising consciousness that biomaterials NEED to be tested in many different ways before reaching the patients.

## How would you describe PANBioRA in one sentence?

We are an international and very motivated team willing to make materials safer for the patients.

Learn more about Inserm and their involvement in PANBioRA!



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# INSERM

## Strasbourg, France

### Biomaterials and Bioengineering



The French National Institute of Health and Medical Research ([INSERM](#)) / University of Strasbourg (Unistra) Unit 1121 focuses on Biomaterials and Bioengineering. INSERM is a French public research institute that focuses on human health. The "Biomaterials and Bioengineering" unit located in the Medical Faculty of Strasbourg aims at developing new functionalized biomaterials and investigates both fundamental aspects such as mechanotransduction and more applied issues illustrated by the development of new dental and laryngo-tracheal implants or new types of antifungal and antibacterial coatings.

#### **Role in PANBioRA:**

INSERM will produce innovative coatings with antimicrobial and anti-inflammatory properties which will be used for the biomechanical testing part within the PANBioRA system.



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