

PANBioRA FINAL EVENT

1st December 2021, 09:30 – 13:15

Strasbourg | Online



PANBioRA, "Personalised and generalised integrated biomaterial risk assessment" is a collaborative EU project developing a set of tools composed of protocols and instruments standardising the evaluation of new biomaterials.

The project will end on 31st December 2021, after four years of fruitful research, collaboration, developments and exciting results from 17 project partners across Europe.

Join consortium members and stakeholders in the field of biomaterials safety and risk assessment, to learn more about the project's achievements and main results.

AGENDA

Time	Session
09:30 – 09:40	Welcome session Dr. Engin Vrana, Scientific Project Coordinator, CEO Spartha Medical Timo Doll, Administrative Coordinator, Project Manager at Steinbeis Europa Zentrum
09:40 – 10:10	PANBioRA Overview and main results Dr. Engin Vrana, Scientific Project Coordinator, CEO Spartha Medical
10:10 – 10:40	PANBioRA Prototype: product presentation Dr. Harry Esmonde, School of Mechanical & Manufacturing Engineering at Dublin City University Adam Foley, Design Engineer at DOLMEN
10:40 – 11:10	PANBioRA Risk Radar and Risk Rating tool Dr. Somik Chakravarty, Chief Operation Officer at Steinbeis Advanced Risk Technologies
11:10 – 11:30	Coffee break
11:30 – 12:10	Standards and regulations in PANBioRA framework Prof. Dr. Michael Gasik, Professor in Materials processing, AALTO University
12:10 – 12:40	Policy Workshop Dr. Thomas Zadrozny, CEO Proactive Sprl. Dr. Anthony Bochon, Partner at Gil Robles – San Bartolome & Partners Dr. Engin Vrana, Scientific Project Coordinator, CEO Spartha Medical
12:40 – 13:00	PANBioRA clinical impacts Dr. Miljana Bacevic, Researcher at Centre Hospitalier Universitaire de Liège
13:00 – 13:15	PANBioRA beyond the project and closing remarks Dr. Engin Vrana, Scientific Project Coordinator, CEO Spartha Medical

LOCATION AND CONTACT DETAILS

Live Location

CRBS, Centre de Recherche en
Biomédecine de Strasbourg
1 Rue Eugène Boeckel
67000
Strasbourg
FRANCE

Online

Via Microsoft Teams link,
sent after registration

Contact Details

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REGISTER



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 760921

ABOUT PANBiORA



PANBiORA

The rating system developed within the PANBiORA project allows biomaterial risk assessment at nano-, micro- and milliscale ranges.

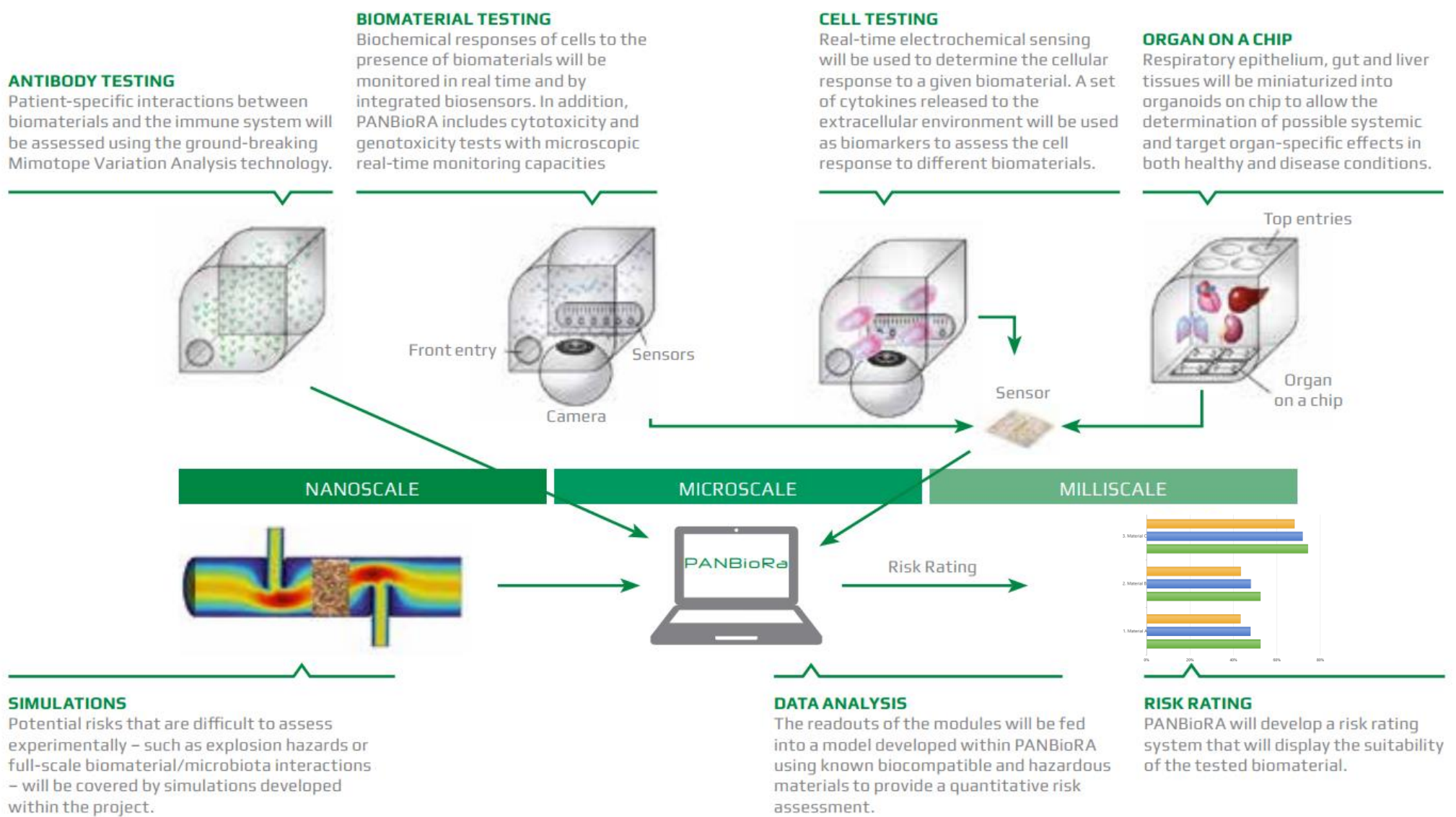
A microfluidic system integration combining several real-time monitoring means (electrochemical sensors, antibody-based cytokine detection, mini-microscopes) and data-fitting will provide more and continuous information using less biomaterial and smaller biological samples.

Beyond the different testing modules, the PANBiORA system includes computer simulations and multiscale modelling supporting the experimental system and contributing to the evaluation of risks that are difficult to be assessed experimentally. Web-based modelling tools will perform the data analysis of the outputs from all modules and simulations.

In a final step, the risk assessment is reinforced by the PANBiORA risk radar, which includes experimental parameters generated by the different modules as well as external risk factors to monitor arising risks. This allows to individually and reliably decide on the implementation of a specific biomaterial.

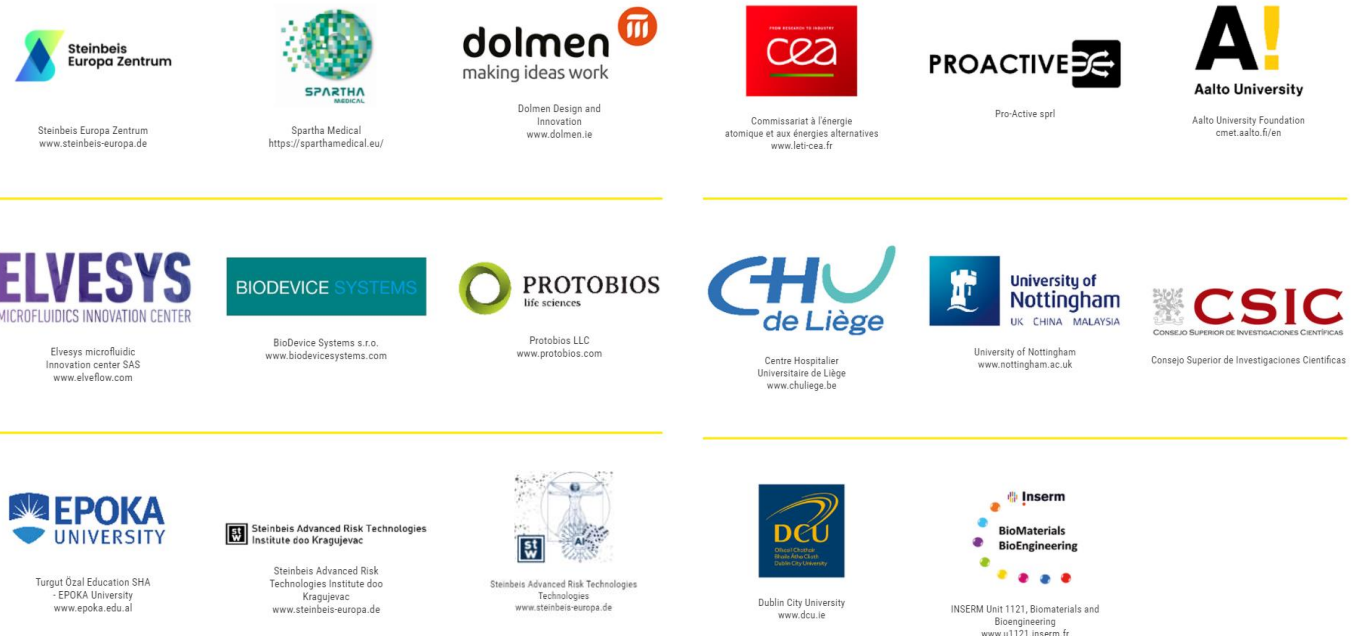
Following the development and technical validation of the system pre-clinical tests relevant to biomaterial related risks are being performed in order to prove the systems' efficacy.

COMPONENTS OF THE BIOMATERIALS RISK ASSESSMENT SYSTEM



CONSORTIUM

PANBiORA Consortium is formed by 17 partners from 11 EU countries, which are active in academia and science, industry, technology transfer as well as clinical trials.



For further information and to follow our project's progress please visit our social media channels and www.panbiora.eu

CONTACT

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