



# Newsletter



Issue 6 - March 2023

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## Editorial

Dear Reader,

We shine the light on our newly introduced [You-tube](#) channel and a new version of [project flyer](#)!

This year takes off with interesting participations and collaborative events. We look forward to this trend as our calendar is filled with lots of innovative actions, don't miss to check the last section of this newsletter and register yourself for the workshop! We keep you updated and look forward to your valuable comments.

ALTERNATIVE is a three-year Horizon 2020 research project, which develops an innovative platform for assessing the cardiotoxicity of chemicals.

In addition to this newsletter, you have a chance to know more about our activities and results, on [Twitter](#), [Linkedin](#) and [You Tube](#)

Follow us n Stay tuned!

Kind regards,

The ALTERNATIVE Project Team

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## Project Flyer

Download the [ALTERNATIVE Project Flyer \(2 pages, PDF\)](#) and know more about our project.

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## 6th Plenary meeting of H2020 Project Alternative

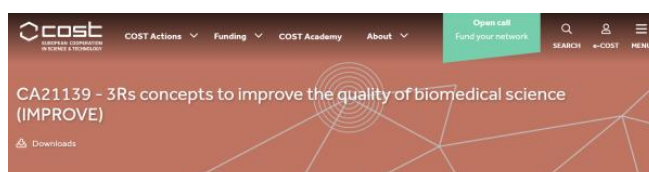
On 13th and 14th March, 6th Plenary meeting of H2020

Project Alternative took place at Eurecat, Reus, Terragona in hybrid mode. Day 1 of the meeting started with the welcome from the Project coordinator Dr. Ciardelli Gianluca, Professor in Bioengineering, Politecnico di Torino and Anastasius Gavras, Eurescom, organizer & moderator of the plenary. Technical coordinator Federico Vozzi, CNR presented the global ...

[Read more.](#)

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## ALTERNATIVE Partners contribute to COST



COST (European Cooperation in Science and Technology) is an organization, funded by the European Union supporting research and innovation interdisciplinary networks. COST actions connect European research initiatives

and beyond to help researchers and innovators to further develop their research in different areas of science and technology field encouraging their interaction with peers. ALTERNATIVE project partners Dr. Ciardelli Gianluca, Professor in

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[Read more.](#)

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### The benefits of the European Green Deal

The European Green Deal will improve the well-being and health of citizens and future generations by providing



fresh air, clean water, healthy soil and biodiversity



renovated, energy efficient buildings



healthy and affordable food



more public transport



cleaner energy and cutting-edge clean technological innovation



longer lasting products that can be repaired, recycled and re-used



future-proof jobs and skills training for the transition



globally competitive and resilient industry

Green Deal  
cluster meeting  
identifies joint  
future policy

## activities

On March 8th 2023, representatives from the ALTERNATIVE project recently participated in a meeting with other Green Deal cluster projects to explore potential collaborations and identify commonalities in their respective policy activities. The aim of the meeting was to facilitate introductions and establish next steps for future collaborations on topics of common interest, such as non-animal methodologies (NAMs), chemical mixtures, ...

[Read more.](#)

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## Webinar on “Evaluation of Chemical induced

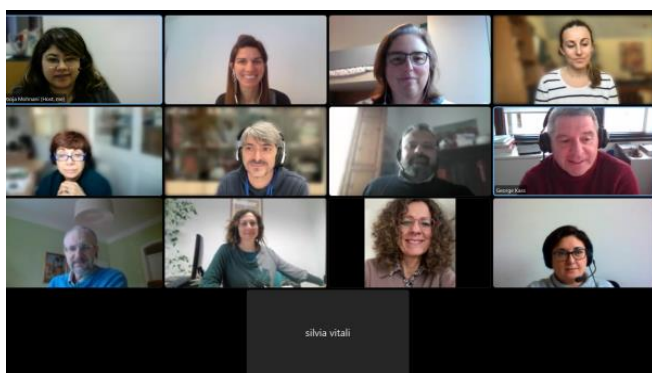


## Cardiotoxicity: Challenges and Progress”

On February 23rd 2023, ALTERNATIVE WP2 partners Sciensano and MUI organized a webinar on “Evaluation of chemical-induced cardiotoxicity: challenges and progress”. The objectives of this webinar were to raise awareness about the cardiotoxicity induced by environmental chemicals and to highlight the challenges/knowledge gaps in assessing cardiotoxicity for regulatory purposes. Additionally, non-animal-based methods being developed in H2020 European project ALTERNATIVE and ...

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### 3rd meeting of ALTERNATIVE advisory board

On 24th Feb, 3rd Advisory board meeting of project

ALTERNATIVE took place in online mode. The purpose of this meeting was to seek guidance from the board members. The meeting started with welcoming the board members, WP2 & WP3 presented their status and work progress on Chemical selection: Integration of AOPs, epidemiology and toxicology. This presentation led to interesting discussions ...

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Thesis defence  
“A systematic  
review and  
meta-analysis on  
the association between exposure to  
environmental pollutants and left  
ventricular dysfunction” for Horizon 2020  
research project ALTERNATIVE



On January 12, 2023, a post-doctoral research fellow working for Project ALTERNATIVE, Dr Gabriele Donzelli presented her thesis work entitled “Systematic review and meta-analysis on the association between exposure to environmental pollutants and left ventricular dysfunction at the 13th edition of the II level Master in Epidemiology. This Master is a structured study program in Modern Epidemiology aimed at imparting knowledge and ...

[Read more.](#)

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## Publications and Conference contributions

Cardiotoxicity of chemicals: Current regulatory guidelines, knowledge gaps, and needs

[Available here](#)

Most recent whitepaper-> [White Paper on MPS](#)

[Available here](#)

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## Upcoming



[Workshop on](#)  
["Materials and](#)  
[Technologies](#)  
[enabling 3D](#)  
[Models for](#)

[standardised in-vitro toxicology studies"](#)

During this event, three presentations of ALTERNATIVE partners and Sister Project LIFESAVER are planned. The workshop will take place in Politecnico di Torino. The main goal this event is to showcase intermediate ALTERNATIVE results to regulators, researchers, industry and other stakeholders, initiating a dialogue with them about their requirements for exploiting ALTERNATIVE outcomes. The event also stimulates the creation of ...

[Read more.](#)

[Register here](#)



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## Acknowledgement

ALTERNATIVE has received funding from the European Commission under the European Union's Horizon 2020 programme – grant agreement number 101037090. The European Union has no responsibility for the content of this newsletter.

## Imprint

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