FONDAZIONE BRUNO KESSLER MAGAZINE

May 2025: FBK projects making headlines

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Innovation, social impact and top-notch excellence: FBK initiatives that made the news in May.

The Italian research foundations have been showing more and more clearly their strategic role in fostering innovation, transforming knowledge into real value and contributing to the competitiveness of the country. Fondazione Bruno Kessler is among the protagonists of such a transformation, as it turned out during the Trento Festival of Economics. The interview to president Ferruccio Resta published on L'Innovazione – Corriere della Sera highlighted the key guidelines of the foundation's actions: top-notch scientific infrastructures, investments on young people and a quick and focused approach to technology challanges. In May, the role of technology was also discussed in sustainability processes with the speech of Alessandro Cimatti on RTTR as well as the concrete actions performed by FBK to support new business ideas and the importance of microelectronics thanks to the contribution of Lorenza Ferrario, who highlighted the key role of microchips in industrial and technological competitiveness and the need for more inclusive research environments.

Talents, patents, therapies: a light toward the future from the research foundations

During the Trento Festival of Economics, the five Italian main institutions of the field were protagonist of a panel dedicated to the role of research foundations: AIRC, Telethon, Istituto Italiano di Tecnologia (IIT), Human Technopole and Fondazione Bruno Kessler. An in-depth article published on **Il Sole 24 Ore** underlined the real contribute of such institutions in terms of innovation, tech transfer and support to young talents. Through patents, startups, advanced therapies and the return of young researchers from abroad these organizations represent a real "light toward the future". In such a context, Fondazione Bruno Kessler confirmed its committment in transforming knowledge into value, as stated by president Ferruccio Resta: "We want to bet on young people and their energy", for example through initiatives as the "PoC by FBK" project and top-notch infrastructures as the Clean Rooms.

Il sole 24 Ore, Talenti, brevetti, terapie: una luce verso il futuro dalle fondazioni di ricerca, 25th May 2025

FBK Boutique of research

In the May issue of **L'Innovazione** of the newspaper **Corriere della Sera**, president **Ferruccio Resta** presented Fondazione Bruno Kessler as a "boutique of research", able to combine scientific quality, quick decision-making and international relevance.

With more than 600 researchers, a 100-million € budget and a recent 50-million € European funding for the development of advanced sensors, FBK confirms its strategic role in key sectors such as artificial intelligence, energy, health and agritech.

"Research, human capital and infrastructures: this is where a country's ability to innovate, grow and compete comes from", stated **Resta**.

L'Innovazione – Corriere della sera, La boutique della ricerca, 26th May 2025

Technology and sustainability : a feasible sinergy

Alessandro Cimatti, director of FBK Digital Industry Centre, participated in the program "ESG – The parameters of Sustainability" on **RTTR channel**, proposing a consideration on the ethical value of innovation and on the importance of technology in sustainable transition processes.

"We can talk about costs and utility, but there is also an ethical dimension to consider: having a clear direction in this sense helps to attract and keep with us people who truly believe in such values", stated Cimatti.

RTTR – ESG I parametri della sostenibilità, 15 maggio 2025

Microchips are the invisible heart of the world we are living in

Microchips are the invisible heart of the modern world and are of great importance in fields ranging from medical devices to automotive to industry. **Lorenza Ferrario**, head of the Micro Nano Facility at FBK who was interviewed by the newspaper **Il T,** pointed out how microelectronics is the basis for technological innovation and how crucial is investing in this field to ensure Europe competitiveness and autonomy. She also stressed the need to encourage the presence of women in science, still limited as of today, promoting more unbiased and inclusive working places.

Looking at the future, Silicon is still going to be a key element but research is also considering alternative solutions to meet the new technological challanges. Ferrario claims that it is also important to train new generations of researchers and keep talents in Italy so that our country may play as a protagonist in the international scientific context.

Il T – I microchip sono il cuore invisibile del mondo in cui viviamo – 7th May 2025

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