

## INDENA AT DCAT 2022 PRESENTS ITS LATEST INNOVATION IN CDMO SERVICES

Milan, 21 March 2022 – The further expansion of its existing **GMP Pilot Plant** for active pharmaceutical ingredients, the **doubling** of its **kilo lab LK2 for OEB 5 products** and the installation of a **250-liter industrial hydrogenator**: these are the latest innovations Indena is presenting at DCAT 2022 and which confirm that CDMO activities are the priority in the company's strategic vision.

*“Aiming to provide customers with an increasing breadth of services, we have been investing in the implementation of cutting-edge technologies while capitalizing on decades of know-how in the field of complex molecules – explains **Stefano Togni, Chief Commercial Officer of Indena S.p.A.** – The combination of Indena's expertise with state-of-the-art facilities allows us to deliver products and processes that range from small-scale orders for GMP batches for clinical use to large commercial manufacturing supplies”.*

Indena has completed in 2020 the installation of a GMP pilot plant, to complement its large industrial capacity. In the last months, Indena has been working on further expanding its GMP pilot plant with a second suite equipped with 10,000 L reactors, thus expanding the system and exploiting Indena's technologies also on these intermediate scales. Indena's goal is to offer customers the ability to run synthetic processes in a wide range of scale and conditions for both natural molecules, semisynthetic and fully synthetic ones.

Furthermore, Indena has more than doubled the capacity of its kilo lab LK2 for OEB 5 products. As a matter of fact, the new kilo lab will be capable of running larger-scale (60 L) reactions. This expansion completes Indena's production capacity for HPAPIs, allowing the company to offer different capacities for products at the highest containment level (OEL 20 ng/m<sup>3</sup> or OEB5).

Another important step of Indena's CDMO development is the installation of a 250 L hydrogenator, which will be ready by 2022. Together with the existing 20 L hydrogenator, the new one will allow the company to meet market requests, also for this kind of chemical reaction, in the most efficient and flexible way.

*“Indena is a full service provider and a reliable partner for the cGMP contract development and production of active and highly potent pharmaceutical ingredients – says **Pietro Allegrini, R&D Director of Indena S.p.A.** – Our reliability is rooted in one hundred year history and in our longstanding leadership in the field of botanical active ingredients. On the other hand, since years we've been focusing to the HPAPI production, introducing equipment and soft skills devoted to such specific field in our plants. That allows us to effectively support leading pharmaceutical and biotech companies in creating successful product, for the benefit of end users”.*

Meet Indena at DCAT 2022

21-24 March 2022 – New York City

Further information at [Indena CDMO](#)

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Indena is the leading company dedicated to the identification, development and production of high quality active principles derived from plants, for use in the pharmaceutical and health food industries. Backed up by a century of botanical experience, the company owns 100 patent families, has published more than 1000 scientific studies and co-operates with the world's most prestigious universities and private research institutions. Indena employs over 900 staff, investing a significant amount of its annual turnover in research, making this activity the key to its success. Headquartered in Milan, Indena has 4 production sites and 5 international branches throughout the world and manages sales in more than 80 countries. The company's experts communicate and interact constantly with the major international regulatory authorities and cooperate on the update of all the main pharmacopoeias. CDMO activities are the priority in Indena's strategic vision. Today, Indena has a multipurpose GMP pilot plant equipped with reactor ranging from 1000 lt to 10,000 lt; a kilo lab LK2 to offer different capacities for products at the highest containment level (OEL 20 ng/m<sup>3</sup> or OEB5); a large and a mid-size spray dryer working with organic solvents; a 20-liter hydrogenator being complemented by a 250-liter hydrogenator (ready at the end of 2022) to satisfy a wider demand for this kind of chemistry.

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