

## **Bionomous launches Sortivo – Press Release**

Villaz-St-Pierre, 20 May 2026

### **Bionomous releases Sortivo™, an automated platform for the gentle screening, sorting and plating of complex biological entities designed to accelerate the adoption of New Approach Methodologies (NAMs).**

Bionomous, the Swiss-based startup that builds devices to automate processes in life science research, announces today the launch of its new platform, Sortivo. The device automates the screening, sorting and plating of complex biological entities from 300 µm to ~2 mm such as zebrafish embryos and organoids, workflows that, until now, have relied on hours of manual pipetting under a stereomicroscope.

Sortivo integrates high-resolution brightfield and multi-channel fluorescence imaging with AI classification and gentle handling in a compact benchtop system. By combining the capabilities of image-based picking and large-particle sorting, Sortivo offers the same individualised, large-scale screening for large and delicate entities that flow cytometry provided for single cells.

### **Accelerating the adoption of NAMs**

Sortivo arrives at a turning point for life science research and drug development pipelines. Regulators are actively encouraging the adoption of New Approach Methodologies (NAMs): non-mammalian, non-animal alternatives that combine ethical, sustainability and scientific advantages over traditional rodent or non-human primate models for toxicology and pre-clinical studies. Zebrafish embryos and organoids are at the heart of this shift, but their adoption at scale has been limited by the manual, labour-intensive nature of the workflows that surround them.

By automating those workflows, Sortivo helps academic, pharma and CRO labs translate the promise of NAMs into routine, reproducible experiments.

Frank Bonnet, CEO and co-founder of Bionomous, comments:

*“Sortivo represents the next step in our mission to automate and accelerate life science research. Our customers told us very clearly: zebrafish and organoid workflows have outgrown manual sorting. They need a platform that combines gentle handling with*



*image-based AI and standardised plating, and that they can actually afford and operate every week. Sortivo is our answer.”*

Ana Hernando Ariza, CMO and co-founder of Bionomous, adds:

*“What I am most proud of is that Sortivo was designed by biologists and engineers who understand the work done by hand. Every feature comes from a real conversation with a real lab. Sortivo is not just an automation device; it is a push for the kind of NAMs-based science that the industry is moving towards.”*

## **Availability**

The first generation of Sortivo is now available for order. For more information or to book a demo, visit [www.bionomous.ch](http://www.bionomous.ch) or contact [info@bionomous.ch](mailto:info@bionomous.ch).

## **About Bionomous**

Bionomous is a Swiss startup born at EPFL (Ecole Polytechnique Fédérale de Lausanne). It was founded in November 2019 with the aim of building devices to automate the visual inspection, sorting and dispensing of small biological entities. The company initially developed the EggSorter, designed to handle zebrafish eggs and other small biological entities, which is now installed in laboratories across the globe, including Europe, North America and Asia. With the launch of Sortivo, Bionomous extends its platform to the gentle handling of larger and more complex biological entities, supporting the adoption of New Approach Methodologies in life science research and industry.

## **Media contact**

Bionomous SA

Z.I. du Vivier 22, 1690 Villaz-St-Pierre, Switzerland

[info@bionomous.ch](mailto:info@bionomous.ch) · [www.bionomous.ch](http://www.bionomous.ch)