

2023

NEWSLETTER EDITION

VOLUME 1

# biomedisca

## GENOTRAX

THE CHIP-BASED REVOLUTION IN MEDICAL DIAGNOSTICS

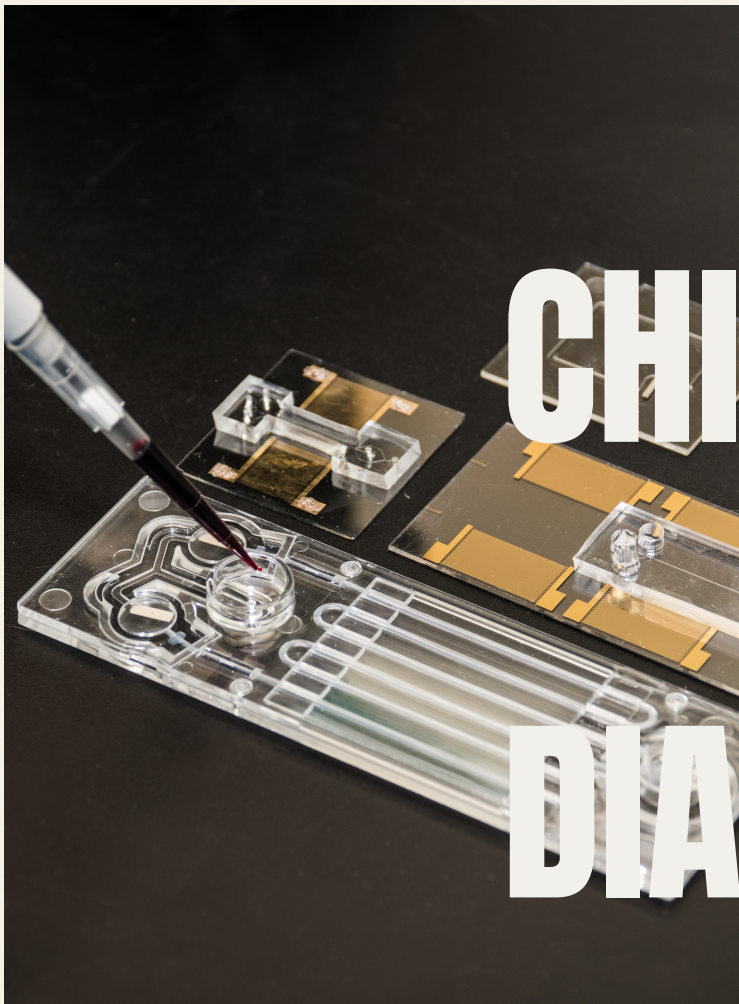


# LAB ON A CHIP

Chip-based diagnostics are set to revolutionize medical testing, offering rapid, portable, precise, and cost-effective blood analysis, promising a transformative shift in healthcare's future landscape.

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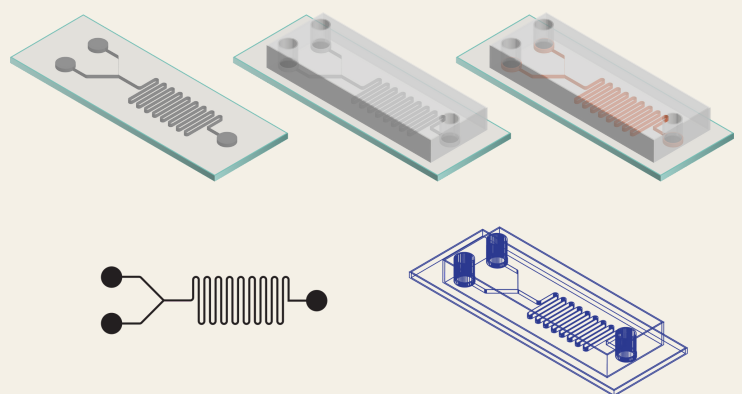
# CHIP-BASED *Blood* DIAGNOSTIC

**Scientists at Biomedisca are hard at work on an innovative new diagnostic device that could revolutionize blood testing. The research team is developing a microchip that can quickly and accurately detect biomarkers for various blood disorders and diseases with just a small sample of blood.**

Unlike current blood tests which must be analyzed at central laboratories, Biomedisca's chip technology could enable rapid point-of-care diagnostics right in the doctor's office. The micro-sized device contains an array of microscopic sensors that can identify key proteins and genes associated with conditions like anemia, leukemia, and hemophilia.

"This chip-based test has the potential to make blood diagnosis much more accessible and convenient," said Dr. Max Foroughi, head of Biomedisca's research team. "Our goal is to develop an inexpensive device that can quickly screen for a range of hematological disorders".

If successful, the diagnostic microchip could be a game-changer for on-the-spot blood testing at hospitals, doctor's offices, and even at home. Biomedisca plans to continue refining the chip technology with the aim of bringing it to market within the next 3-5 years.



Biomedisca's innovative lab-on-a-chip device for blood disease diagnostics represents a significant leap in biomedical technology. By simplifying and expediting the diagnostic process, the company stands at the cusp of revolutionizing blood disease management globally.