

CBI4AI - TumorDeTech

Team Yallah 06/2023

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Description of our project:

“TumorDeTech is a revolutionary project aimed at transforming cancer research and treatment. We address the urgent problem of predicting tumor growth, which could lead to early detection and improved patient outcomes. Our solution combines cutting-edge technologies: Posics-2 cameras for precise, real-time tumor monitoring, and Organ-on-a-Chip for standardized, animal-free research. We use Random Power to enhance our neural networks and ensure robust data encryption and obfuscation, safeguarding sensitive information. By uniting global labs, we're creating the largest open-source algorithm for tumor growth prediction, accelerating innovation in oncology, and potentially saving millions of lives.”

Link to our final report:

[▶ Report - cancer platform \(figma.com\)](#)

Link to all pictures:

<https://drive.google.com/drive/folders/1eGc1mLpTmHi5rdqD91Z1AFegSP6Fy7DE?usp=sharing>