



NEWROAD

**Open Platform for European Networking and
Repurposing of Oncological Assets and Drugs**



EU4Health Programme

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Action grants for the Computer-aided
Drug Repurposing for Cancer Therapy

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<https://new-road.eu/>



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the European Union**



The aim of the NEWROAD project is to develop an EU-wide capability for Systematic Drug Repurposing (SDR)

To achieve this NEWROAD will develop an **open, collaborative *in silico* platform** for drug repurposing based on Augmented Intelligence (Aul) architecture layered on top of Artificial Intelligence (AI) algorithms, initially targeted at **rare and paediatric cancer research**

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The platform will be designed with easy-to-use yet powerful AI features that aim to encourage researcher engagement and collaboration

NEWROAD will be deployable on a network of high-performance computers and in the cloud, and will **leverage data provided by hospitals, clinics, pharma companies etc. in the European Community**

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The NEWROAD platform will have a triple function

1. The development of **novel therapies** based on the repurposing of drugs (initial focus on oncology)
2. The **sharing of clinical data** by entities in the European Community
3. The development of an **open collaborative platform** for SDR

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The most ambitious aspect of NEWROAD is the creation of an open platform that can facilitate data sharing...

...between hospitals, companies, research centers and universities, enabling them to exploit the huge amounts of data available daily.

NEWROAD aim is to provide an **easy-to-use platform** where clinicians can **share data collected in the field**, while allowing the AI behind the platform to take advantage of the databases.

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Consortium Partners

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More info and updates on:

<https://new-road.eu/>

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