

OncoNetwork: Data That Fights Cancer

1. Executive Summary

Introduction to Onco Network

OncoNetwork is a decentralized platform at the forefront of transforming cancer care by harnessing the power of blockchain and AI. Our mission is to create a holistic ecosystem that not only makes cancer treatments more affordable but also accelerates advancements in cancer research. By unifying hospital data across various institutions, OncoNetwork enables seamless access to vital medical information, improving the accuracy of diagnoses and personalized treatment plans.

Through a transparent and secure crowdfunding system, we empower patients, families, and supporters to raise funds for life-saving therapies. Additionally, our NFT collection offers a novel approach to raising awareness and financial support for cancer research, with proceeds directly contributing to treatment initiatives and research funding.

At the core of OncoNetwork is the belief that a secure, transparent, and equitable financial ecosystem can reshape how cancer treatment is approached, providing both patients and healthcare providers with the resources they need to access cost-effective, cutting-edge treatments. By leveraging decentralized technology, we aim to bridge the gap between innovation and affordability, advancing cancer research and improving patient outcomes on a global scale.

Our Mission

Onconetworks' mission is to provide affordable, accessible cancer healthcare solutions through innovative blockchain tools. We aim to unite global cancer hospital network in supporting cancer research and treatments via transparent crowdfunding while leveraging data to improve outcomes. Our goal is to transform the healthcare landscape, making advanced cancer therapies financially accessible for all.

2. Why OncoNetwork ?

Onconetwork is designed to break down the financial barriers that prevent patients from accessing affordable cancer care. By integrating blockchain, AI, and decentralized finance (DeFi), Onconetworks provides an innovative solution that bypasses traditional healthcare systems. Our platform empowers individuals and communities to directly

contribute to cancer research, treatments, and data sharing, ultimately reducing the costs of medical care.

HIGH COST OF TREATMENT

Cutting-edge treatments, such as immunotherapy and advanced chemotherapy, remain out of reach for many due to their prohibitive costs.

INACCESSIBLE FINANCIAL SUPPORT

Traditional healthcare funding systems are slow, fragmented, and often inefficient, leaving patients without timely financial assistance. Onconetworks aims to overcome these inefficiencies by using blockchain to create a decentralized, transparent, and efficient platform for funding cancer treatments and advancing research.

3. What is Cancer?

Cancer is a collection of more than 100 diseases characterized by abnormal cell growth. Each type of cancer differs in treatment protocols, costs, and outcomes.

Primary types of cancer include:

- Carcinomas (e.g., breast, lung, colon)
- Sarcomas (e.g., bone, soft tissue)
- Leukaemias (blood cancers)
- Lymphomas (immune system cancers)

Standard treatment protocols vary depending on the cancer type & stage, but often involve:

- Surgery
- Chemotherapy
- Radiation therapy
- Targeted therapy
- Immunotherapy

Associated costs also vary, but can include:

- Diagnostic tests (e.g., biopsies, imaging)
- Treatment procedures (e.g., surgeries, chemotherapy sessions)

- Medications (e.g., chemotherapy drugs, pain management)
- Hospital stays and follow-up care

Understanding the different types of cancer and their corresponding treatments is crucial for effective care. By providing a concise overview, we aim to inform readers without overwhelming them with excessive medical terminology.

4. Problem Statement

BACKGROUND AND CHALLENGES

Cancer is one of the leading causes of death worldwide, with an estimated 19.3 million new cases and almost 10 million deaths recorded in 2020 alone (source: World Health Organization). While significant advancements in cancer treatments have been made, the high costs remain a major barrier to access, especially for patients in low- and middle-income countries.

For example, the average cost of viral chemotherapy treatments can range from \$30,000 to \$300,000 per year depending on the country and type of treatment (American Cancer Society). This financial burden forces many patients to forgo life-saving therapies, leading to avoidable fatalities.

THE FINANCIAL BURDEN OF CANCER

Cancer treatments, such as chemotherapy, immunotherapy, and radiation, are often prohibitively expensive. The following statistics illustrate the global disparity:

- Over 50% of patients globally report financial hardship due to cancer treatment.
- In some developing countries, less than 10% of cancer patients can afford standard chemotherapy treatments (WHO data).

These figures highlight the urgent need for a solution that makes cancer care more affordable and accessible

5. Onconetworks Solutions

Onconetworks addresses the high cost of cancer care through innovative solutions that combine blockchain, AI, and decentralized finance. The platform offers the following core solutions:

NFT-Based Fundraising

Onconetworks will launch an exclusive NFT collection that enables users to contribute to cancer research by buying, trading, and selling unique digital assets. Each transaction

will allocate a portion of the funds directly toward cancer treatment initiatives. This approach ensures that fundraising efforts are transparent, decentralized, and impactful.

Data Exchange for Better Treatment

Onconetworks will create a global data exchange system that unifies hospital data using blockchain technology. This secure, decentralized exchange allows healthcare institutions to share valuable medical data, enhancing cancer treatment protocols and improving patient outcomes. By facilitating seamless access to this data, Onconetworks aims to drive innovation in cancer care.

6. How Onconetworks Works ?

Onconetworks operates as a decentralized ecosystem that empowers individuals to support affordable cancer treatments and research without relying on traditional healthcare systems. Through blockchain, the platform ensures that all transactions are transparent, secure, and immutable, allowing for efficient tracking and use of funds in cancer care.

How It Solves the Problem

Onconetworks addresses the high costs of cancer treatments and inefficiencies in traditional funding models through the following methods:

Cryptocurrency Funding

By issuing Onconetwork Tokens, the platform generates funding to make cancer treatments more affordable while supporting groundbreaking research. Token holders can participate in governance, shape platform development, and contribute to the future of cancer care.

NFT Collection

Users can buy, sell, and trade NFTs, with proceeds directly funding cancer research and treatment development. This decentralized approach allows anyone to contribute to reducing healthcare costs, making cancer care more accessible.

Data Exchange for Better Treatment

Onconetworks facilitates a blockchain-powered data exchange that allows hospitals to securely share medical data. This unified data network helps healthcare providers optimize cancer treatments and improve patient outcomes.

7. Tokenomics

Tokenomics refers to the economic and behavioural design of the Onconetworks token system, ensuring sustainability and equitable distribution. Understanding tokenomics

allows organizations to optimize token design, drive user adoption, and create a thriving digital economy.

- Blockchain: Ethereum Chain (ERC-20)
- Token Name: Onco Token (Onco)
- Total Supply: 1.5 billion tokens

Token Distribution

- Total Token: 1.5 billion tokens
- Ecosystem: 240 Million tokens
- Cashback Reserve: 50 Million tokens
- Partner & Advisor: 30 Million tokens
- Pre-Sale: 400 Million tokens
- Incentive KOL's: 60 Million tokens
- Liquidity Reserve: 120 Million tokens
- Marketing Acquisition: 40 Million tokens
- Burn: 500 Million tokens
- Team Allocation (Locked for 2 years): 60 Million tokens

Token Utility

Onco Tokens serve as the primary currency on the platform, allowing users to participate in governance, stake tokens for rewards, and fund cancer research. Token holders play a key role in shaping the platform's future and supporting its mission.

8. RESEARCH DEVELOPMENT & FOCUS

Onco Network is committed to funding research that reduces the cost of cancer treatments, particularly in:

GENERIC AND BIOSIMILAR DRUGS

Supporting the development of cheaper, more accessible alternatives to branded cancer drugs.

ONCOLOGY PHARMACEUTICALS

Focused on developing viral chemotherapy injections at significantly reduced costs.

BIOTECH INNOVATION

Collaborating with medical institutions and researchers to develop cutting-edge cancer treatments.

RESEARCH PARTNERSHIPS

We plan to collaborate with leading medical institutions, including hospitals and pharmaceutical companies, to ensure that research is driven by the latest scientific advancements. These collaborations will focus on making treatments like chemotherapy and immunotherapy more affordable and widely available.

9.PLATFORM FEATURES

ONCONETWORK TOKEN

A decentralized cryptocurrency that powers the Onconetworks ecosystem. Onconet Tokens can be used to fund cancer research, traded, or utilized in platform governance to shape the future of affordable healthcare.

NFT COLLECTION

A unique NFT collection where users can buy and sell digital assets. These NFTs are tied to healthcare initiatives, with proceeds funding cancer research and treatment advancements.

DATA EXCHANGE FOR HEALTHCARE

Onconetworks enables a secure and transparent exchange of hospital and medical data via blockchain. This feature improves collaboration between healthcare providers, leading to more effective cancer treatments and better patient outcomes.

CROWDFUNDING FOR CANCER CARE

Onconetworks allows users to directly contribute to cancer research and treatment costs through decentralized crowdfunding campaigns, reducing the financial barriers to life-saving treatments.

10.ROADMAP

STAGE 1: INITIAL LAUNCH (Q4 2024)

- Conduct an Initial Coin Offering (ICO) to raise funds through three presale rounds (400 Million tokens in total), with in first round will have sale of 160 Million token and other two round will have 120 Million in each round.
- Launch a demo of the crowdfunding platform.
- Release a Telegram mini app game to engage the community.

STAGE 2: PLATFORM DEVELOPMENT

- Develop and launch the ICO website, integrating staking and vesting features.
- Establish dedicated research teams to focus on reducing the costs of cancer treatments.
- Allocate funds raised from the ICO to support early-stage cancer research.
- Launch the NFT collection to support fundraising for cancer treatment initiatives.

STAGE 3: FULL PLATFORM ROLLOUT

- Fully launch the Onconetwork platform with its own blockchain to facilitate data exchange between hospitals, improving research and treatment outcomes.
- Integrate additional DeFi tools to enhance platform liquidity and expand financial support for cancer healthcare.

STAGE 4: BLOCKCHAIN DEVELOPMENT AND SCALING

- Focus on increasing the platform's security and scalability to accommodate growing data and user demands.
- Establish partnerships with global healthcare institutions to further strengthen the data exchange network.
- Expand the platform's infrastructure to support cross-chain compatibility, enabling greater access and interoperability across various blockchain networks.

12. TECHNOLOGY AND SECURITY

SMART CONTRACT DEVELOPMENT

Onconetworks is built on the Ethereum blockchain (ERC-20) for its robustness, security, and active developer ecosystem, with plans to implement BEP-20 contracts for cross-chain compatibility. This ensures seamless interactions across multiple blockchain networks.

BLOCKCHAIN FEATURES

OncoNetwork leverages blockchain to securely store and manage encrypted medical data, ensuring privacy and transparency. Patient records and hospital data are stored on a decentralized, tamper-proof network, accessible only to authorized entities. Smart contracts automate data sharing and ensure compliance with privacy regulations.

Anonymized data is also used to train AI models, enhancing cancer diagnosis and treatment recommendations. Blockchain ensures all transactions, including data storage and AI training, are secure and regularly audited for compliance.

SECURITY AUDITS

Onconetworks will undergo frequent security audits by reputable firms to ensure transparency and protect user funds. This proactive approach to security will help build trust within the community and safeguard the platform's integrity.

13. PARTNERSHIP & GROWTH STRATEGY

MEDICAL AND PHARMACEUTICAL PARTNERSHIPS

Onconetworks is actively engaging with several global healthcare institutions to establish collaborations focused on research and initiatives aimed at reducing cancer treatment costs. These partnerships will enhance our capabilities in developing innovative solutions for patients.

BLOCKCHAIN AND DEFI PARTNERSHIPS

We aim to collaborate with leading blockchain experts and DeFi platforms to expand the Onconetworks ecosystem. By leveraging their expertise, we will enhance our platform's functionality, ensuring its sustainability and fostering growth within the decentralized healthcare landscape.

14.MARKETING & COMMUNITY ENGAGEMENT

MARKETING STRATEGY

SOCIAL MEDIA MARKETING Regular updates and engagement through Twitter, Telegram, Discord, and Medium.

INFLUENCER MARKETING

Collaborations with key influencers in the crypto and healthcare sectors.

CONTENT MARKETING

Educational materials, blog posts, and videos to engage the community

COMMUNITY INCENTIVES

Onco Network will reward community participation through token incentive programs, staking rewards, and NFT drops.

15.RISK & COMPLIANCE

MARKET RISK

Fluctuations in the cryptocurrency market may impact token value.

TECHNOLOGICAL RISKS

As with any blockchain platform, potential bugs or security issues could arise.

RISKS MITIGATION

Onco Network will implement security audits, compliance with regulations, and ongoing technological improvements to mitigate these risks.

16.CONCLUSION

Onconetworks is dedicated to establishing a decentralized platform that transforms the funding of healthcare treatments, with a particular focus on advancing cancer research. By harnessing the power of blockchain technology, AI, and community engagement, Onconetworks offers a groundbreaking solution to some of the most critical healthcare challenges faced globally today. Our commitment to transparency, collaboration, and innovation positions us as a reliable partner in the quest for affordable cancer care, empowering individuals and institutions to make a meaningful impact in the fight against cancer.

