Krypto Medical
# Instructions for use

Introduction:

Krypto Medical (http://krypto-medical.herokuapp.com/) is a decentralised application developed during the PCTO in class 5°INA in collaboration with the University of Camerino UNICAM. The application manages donations via BlockChain Etherium using a cryptocurrency.

Specifically, it is possible to donate to different cancer causes to support cancer research. Donations are processed by a smart contract written in the Solidity language and by MetaMask, a virtual wallet for cryptocurrencies.

Website home page
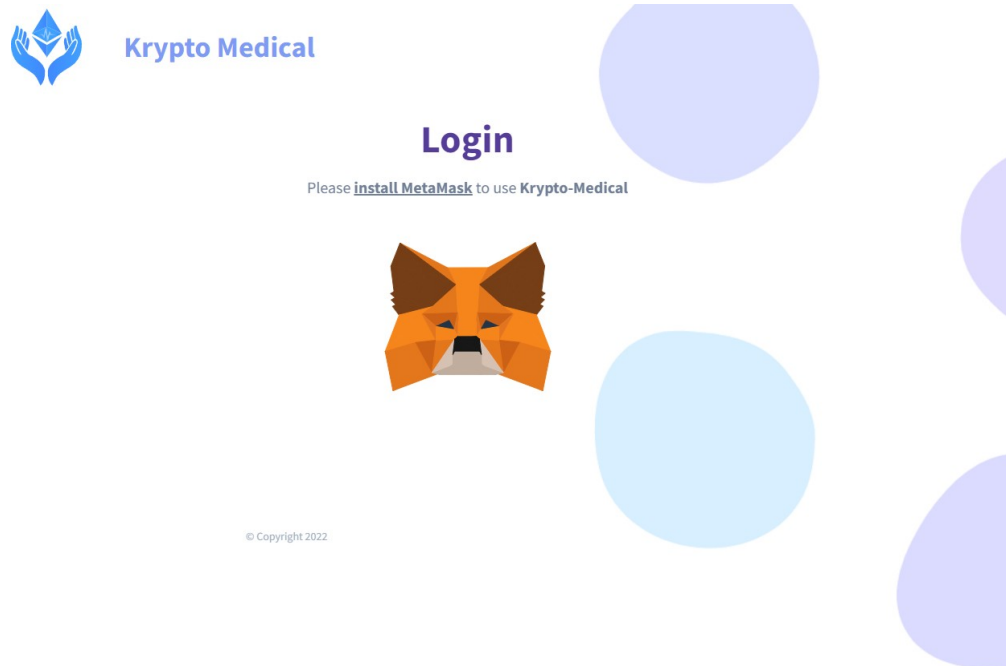(http://krypto-medical.herokuapp.com/index.html)
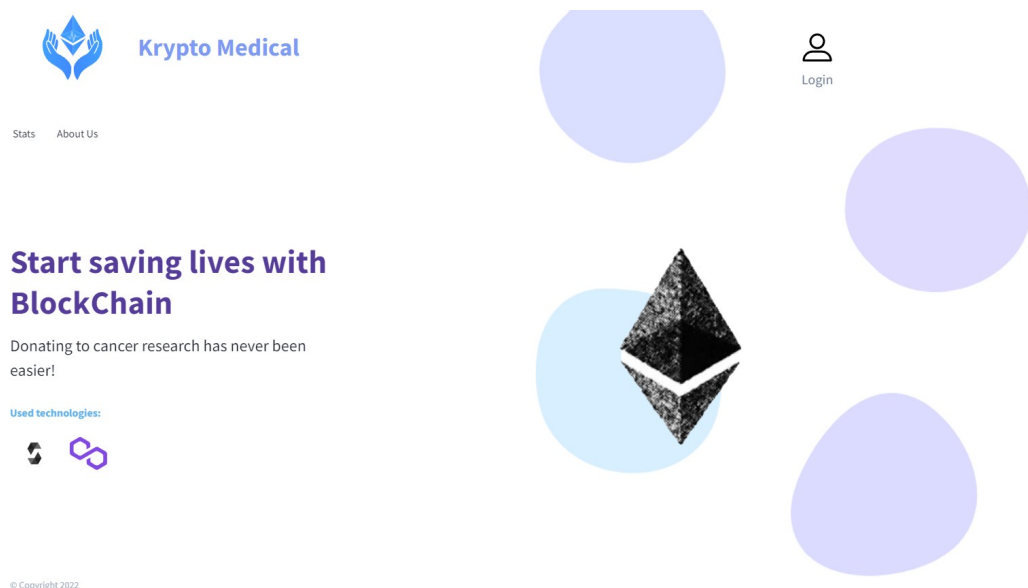
To start donating, you need to *log in* (top right button).

Alternatively, you can view the *Stats* page (statistics on donations made) and the About *Us* page without *logging in*.

Login:

The user who wants to donate must log in.

A user viewing the site for the first time will have to install the *MetaMask* extension in order to link his wallet and donate. In this case the site tells us *"Please install MetaMask to use Krypto-Medical"*. It is sufficient to click on the *install MetaMask* text to be redirected to the download page.

MetaMask installation:
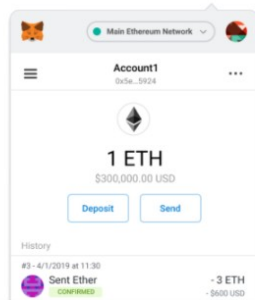
Click on the blue button

Select your browser and click on the blue button

Click on *Add* then *Add extension*

MetaMask

Offerto da: https://metamask.io

★★★☆ ★ 2.493 | Produttività | 👤 10.000.000+ utenti

Aggiungi

MetaMask setup:

Benvenuto nella Beta di MetaMask

MetaMask è una cassaforte sicura per identità su Ethereum.

Siamo contenti di vederti.

Inizia

Select one of the two choices to continue and complete the procedure

METAMASK

Nuovo su MetaMask?

↓

No, ho già una frase seed

Import your existing wallet using a Secret Recovery Phrase
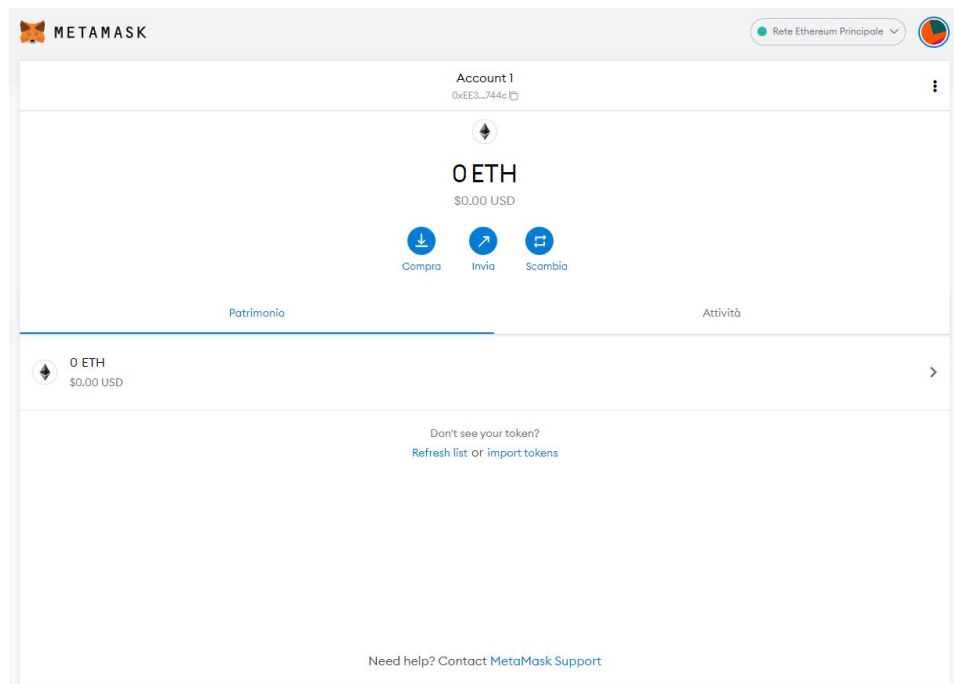
Importa Portafoglio

+

Si, iniziamo!

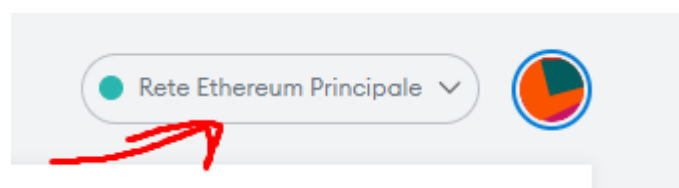Questo creerà un nuovo portafoglio e frase seed

Crea un Portafoglio

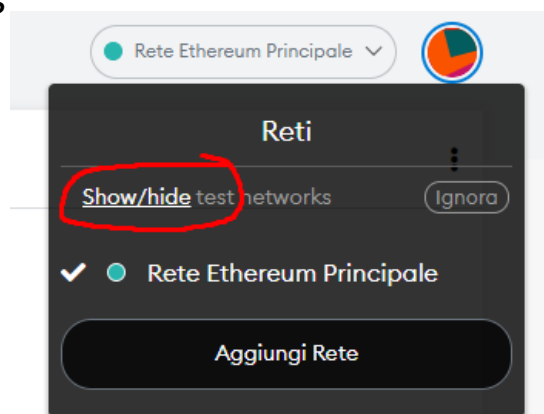Once the portfolio has been created or imported, this screen will appear:

On the Krypto Medical website, it is possible to donate both trial Etherium and real Etherium.
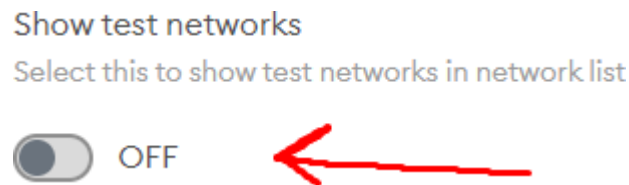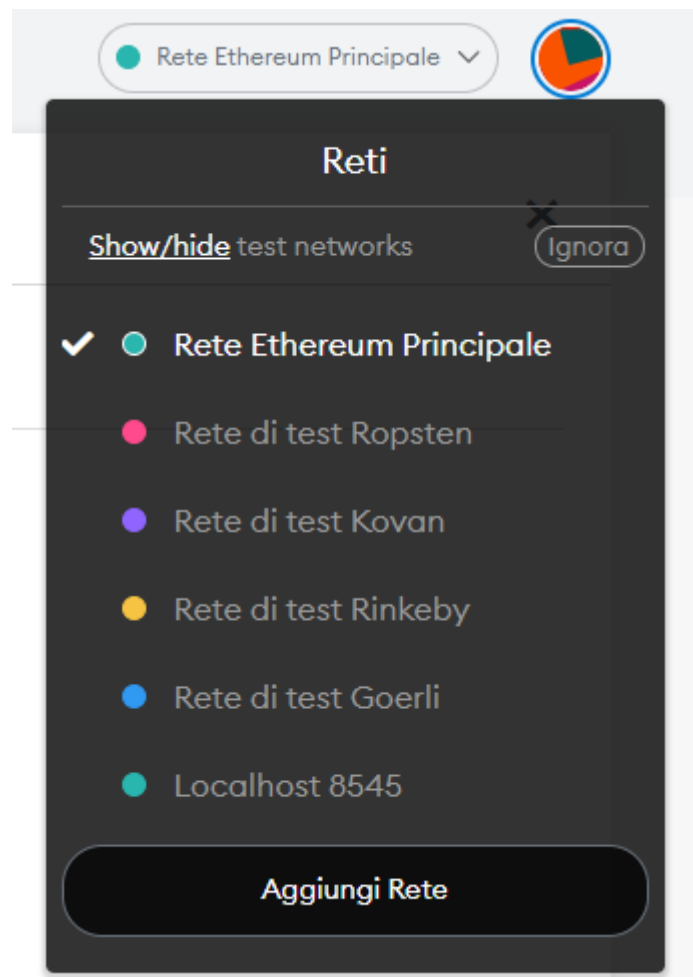To load Etherium fits, click on *Main Etherium Network in* the top right-hand corner.

Click on *Show/hide*

Check the selector

Show test networks
Select this to show test networks in network list

OFF ⟵

Once this is done, if we click on *Main Etherium Network* we can see the test networks.

Rete Ethereum Principale ⌄

Reti

Show/hide test networks   Ignora

✓ ● Rete Ethereum Principale

● Rete di test Ropsten

● Rete di test Kovan

● Rete di test Rinkeby

● Rete di test Goerli

● Localhost 8545

Aggiungi Rete

Select *Rinkeby test network* (yellow)

ETH request

As you can see, there are no coins, so before donating you need to load fictional Etherium.

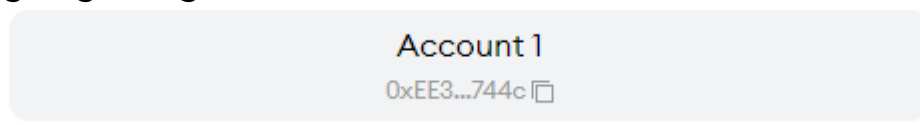https://faucets.chain.link/rinkeby
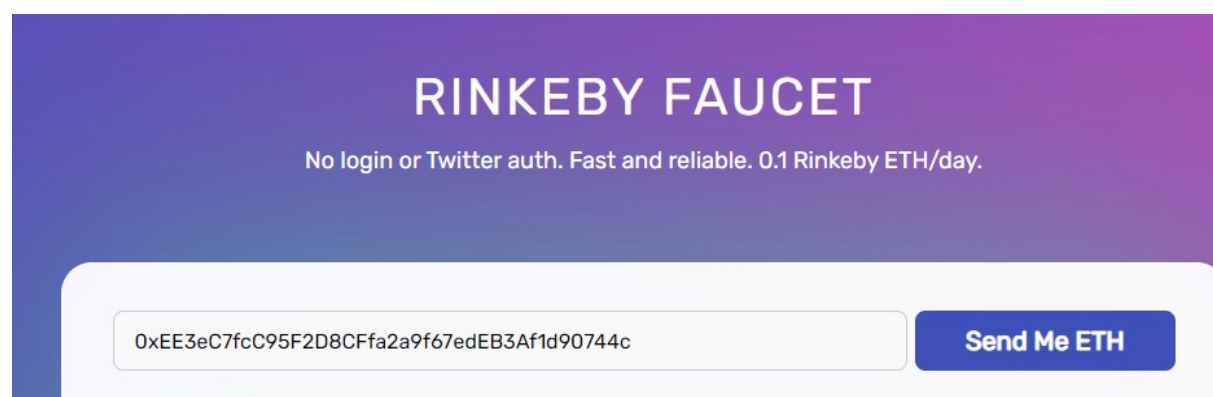https://www.rinkebyfaucet.com/

use these sites to request valid Etherium in the Rinkeby network.

Copy the address of the MetaMask wallet by clicking on the string beginning with 0x.....................................

put the address in the bar and click *Send Me ETH*
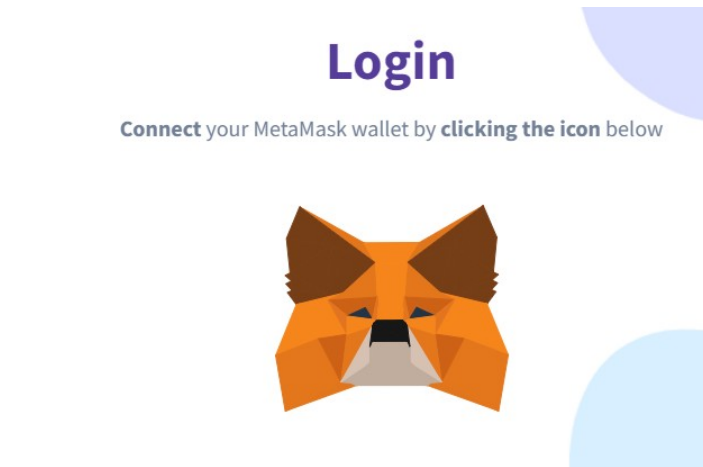

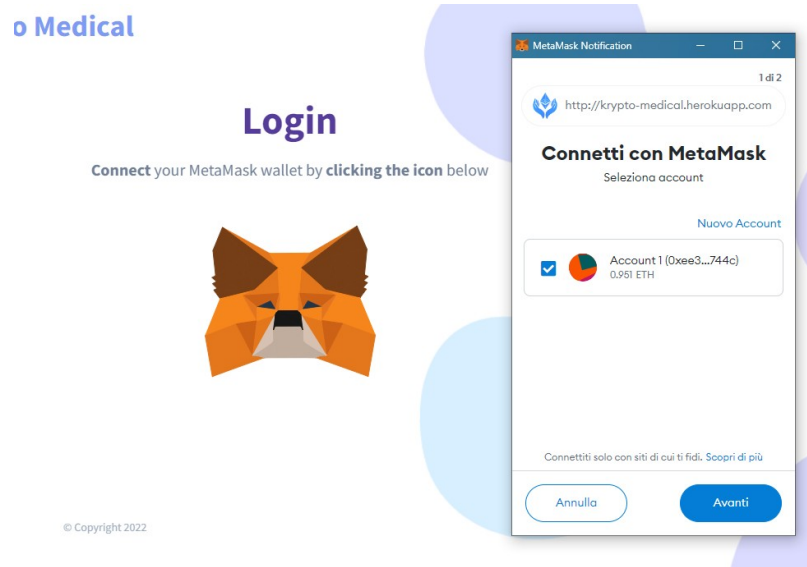At this point we managed to upload some ETH sufficients to try and donate to *Krypto M*
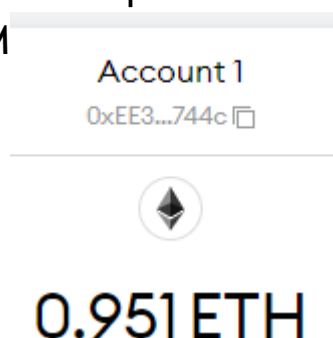
Connection Krypto Medical → MetaMask

http://krypto-medical.herokuapp.com/login.html

Click once on the fox

This pop-up will open. Click on *Next* then *Connect*

Donate:

Once you have logged in, the site will load
http://krypto-medical.herokuapp.com/success.html.
we can see that we are logged in by the tick in the top right-hand corner.
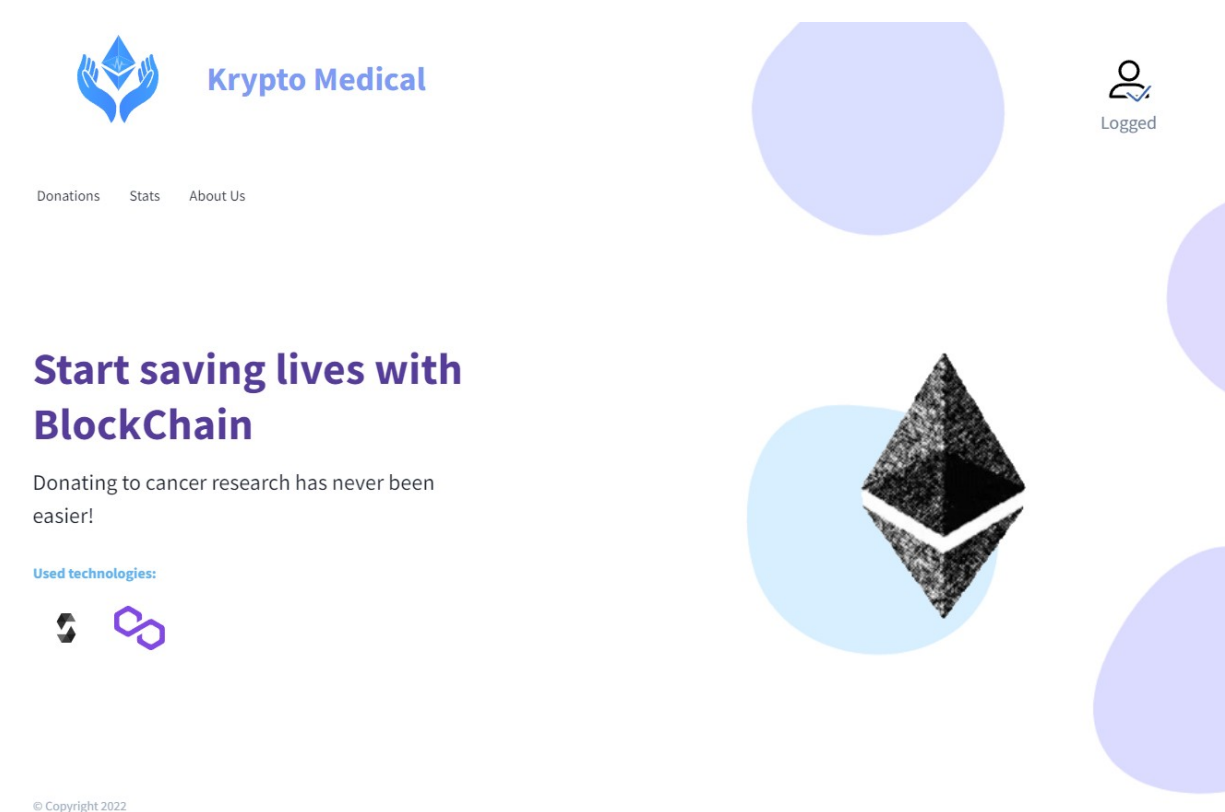
to donate click on *Donations*

now click on *DONATE*

select the amount of ETH to be donated

quantity of customised ETH

DONATION AMOUNT

E T H 0.01

NEXT

click on *NEXT*

select the cause you wish to donate to

CHOOSE

Brain Cancer

Lungs Cancer

Blood Cancer

Pancreas Cancer

Bones Cancer

Marrow Cancer

click on *CONFIRM*

CONFIRM PAYMENT
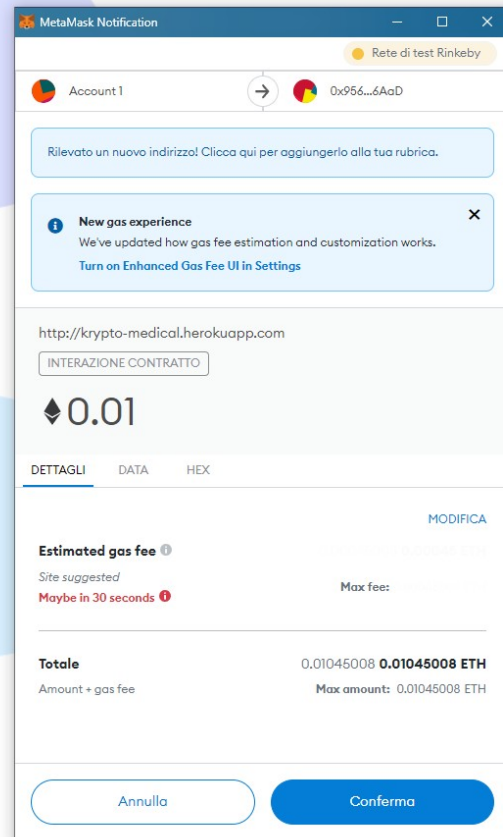
Please confirm your contribution of

ETH 0.01

CONFIRM

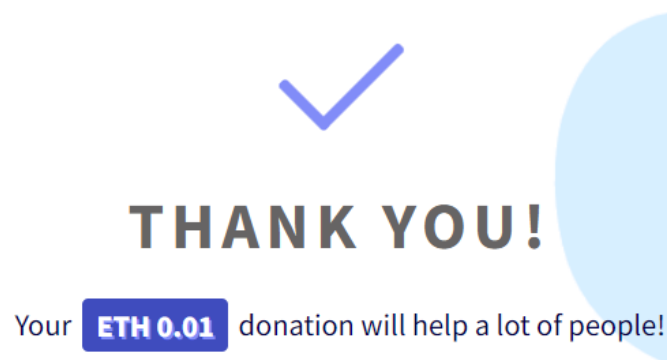To confirm the transaction click on *Confirm*

to Medical

WAIT FOR THE VALIDATION OF THE TRANSACTION...

wait seconds15 for the transaction to be validated in the BlockChain.
If the donation is successful, the system will display this confirmation message.

Thank you for using *Krypto Medical*
Thank you for your attention.