

Proof-of-Concept

Применение технологий блокчейн и
смарт-контрактов для повышения
доверия к клиническим исследованиям

Proof-of-Concept

Adopting blockchain & smart-contracts technology to improve clinical trials methodology

Hot news by warm guyzzz

Dozens of recent clinical trials may contain wrong or falsified data, claims study

<https://www.theguardian.com/science/2017/jun/05/dozens-of-recent-clinical-trials-contain-wrong-or-falsified-data-claims-study>

Ohio State researcher forced to resign after falsifying data in cancer research projects paid for in part by Pelotonia and Stefanie Spielman cancer fund

<https://www.thelantern.com/2018/03/ohio-state-researcher-forced-to-resign-after-falsifying-data-in-cancer-research-projects-paid-for-in-part-by-pelotonia-and-stefanie-spielman-cancer-fund/>



Over his decades-long career as a cancer researcher at Ohio State, Ching-Shih Chen manipulated and falsified data on 14 known research projects. Credit: Courtesy of Ohio State

РАЗБОР

Ученые и в России, и в других странах подделывают результаты исследований. Есть ли способ с этим бороться?

Meduza 09:00, 17 декабря 2018



<https://meduza.io/feature/2018/12/17/uchenye-i-v-rossii-i-v-drugih-stranah-poddelyvayut-rezultaty-issledovaniy-est-li-sposob-s-etim-borotsya>

A close-up shot of a man with dark, slightly messy hair, wearing a dark suit jacket over a light blue shirt and a dark tie. He is smiling and winking with his right eye. The background is slightly out of focus, showing a brown leather chair and a person in a white shirt. The word "ДА" is overlaid in white Cyrillic text at the bottom left.

ДА

Smart contract

```
contract ClinicalTrial {
```

```
    struct Patient{  
        bool completed;  
        string key;  
    }
```

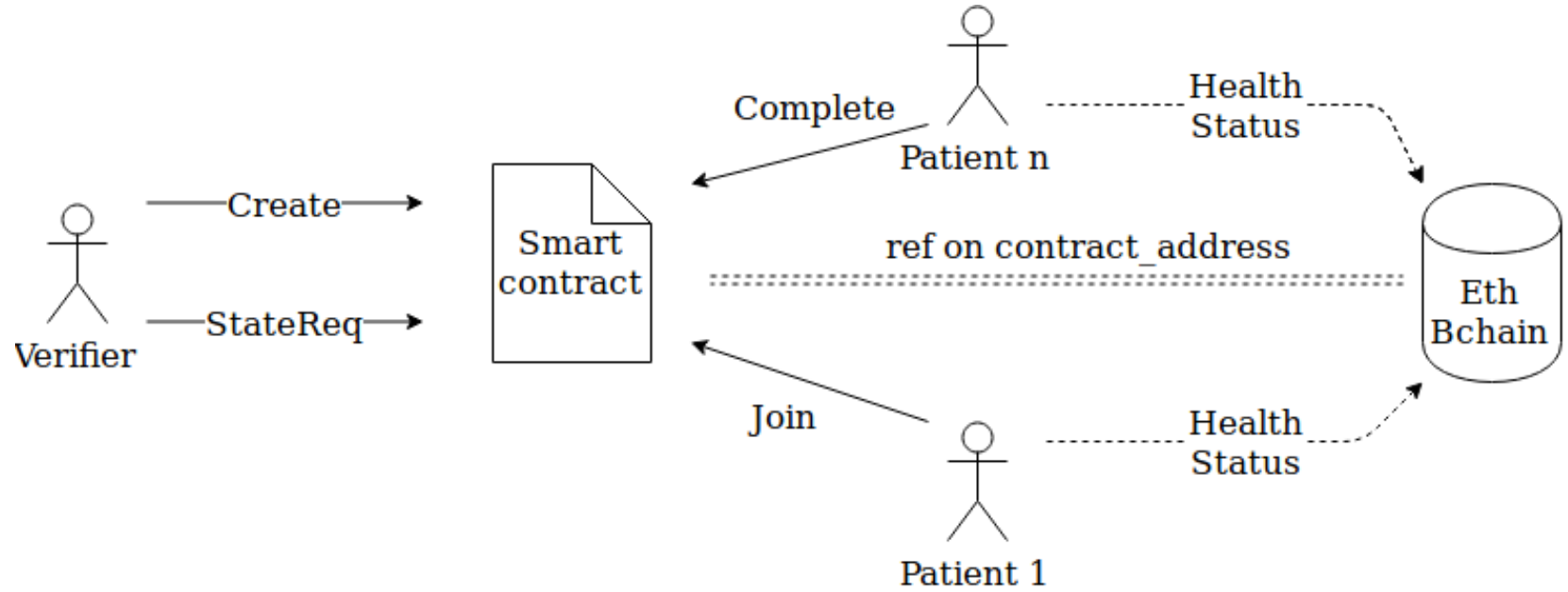
```
Patient[] patients;
```

```
function...
```

Ethereum Blockchain

Storing data about your daily
status (e.g. weight, temperature,
side effects etc.)

Interaction



DEMO

List of trials

LSD research

Super hero powers

Clinical trial

0x39b4F5f247873CA59E7D9F15a3015380c8886aDc

Super hero powers (Registration in progress...)

Could medicine give us superhuman powers? World will be safer and calmly with super heroes! Who protect us from villains? Who will bring us 13th salary? Only super heroes! Join us!

During the trial, please, fill all forms and send your data to blockchain =):

- Strength
- Speed
- Intelligence
- Agility

Join in!

List of trials
● LSD research
● Super hero powers

Clinical trial

0x39b4F5f247873CA59E7D9F15a3015380c8886aDc

Super hero powers (You are already joined!)

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Заполните следующие поля:

1. Strength

2. Speed

3. Inteligence

4. Agility

Отправить данные

List of trials

LSD research

Super hero powers

Clinical trial

0x9ed9B3C4f80afCD707e822cC8402E9a8293E3460

LSD research (Research completed!)

Does LSD make our life better? Does LSD programmists work better? Do you have some change?

During the trial, please, fill all forms and send your data to blockchain =):

- Mood
- Creativity
- Happyness
- Kittens

List of trials

● LSD research

● Super hero powers

Clinical trial

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Next step...



Thank you!

