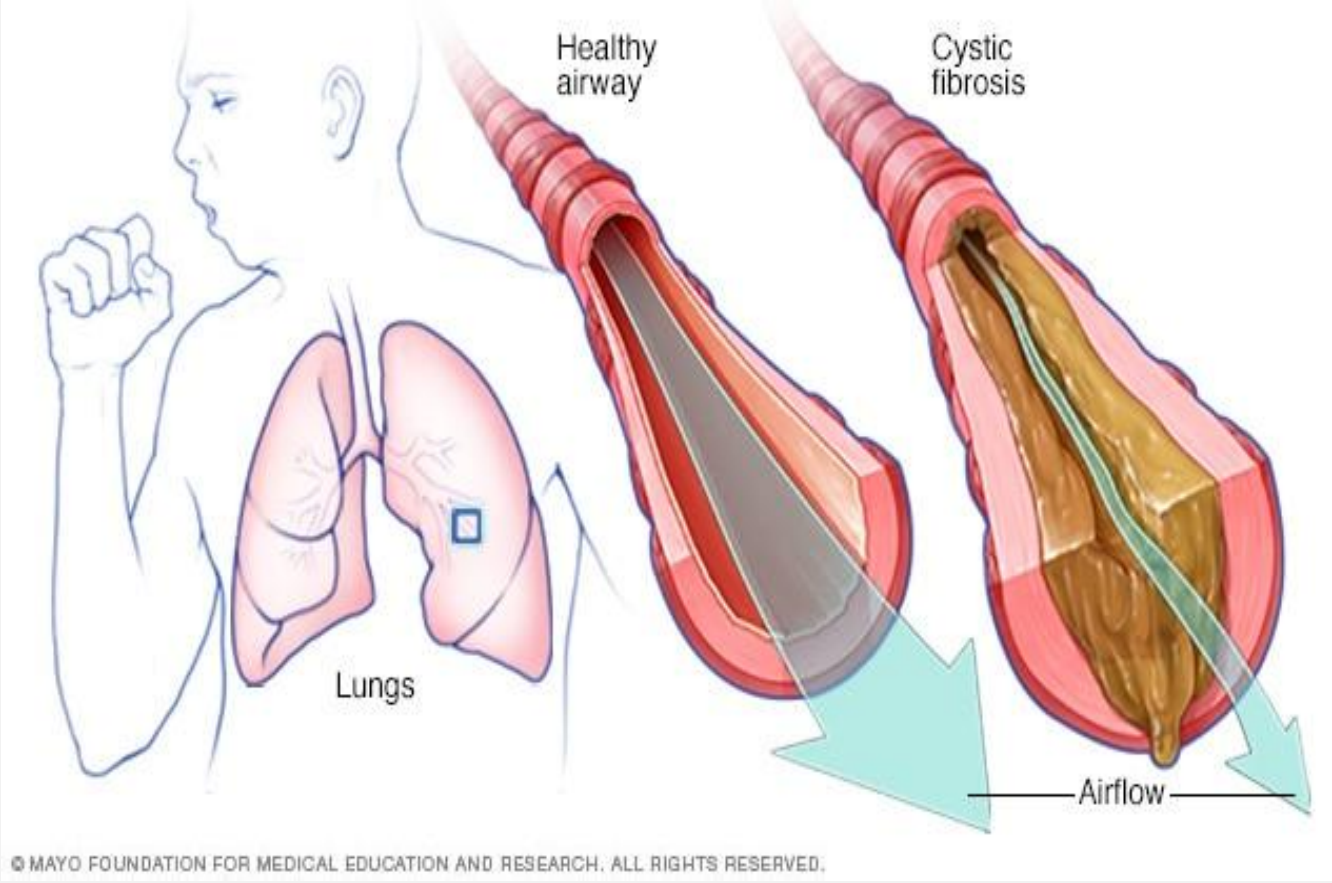
MUCOVISCIDOSIS

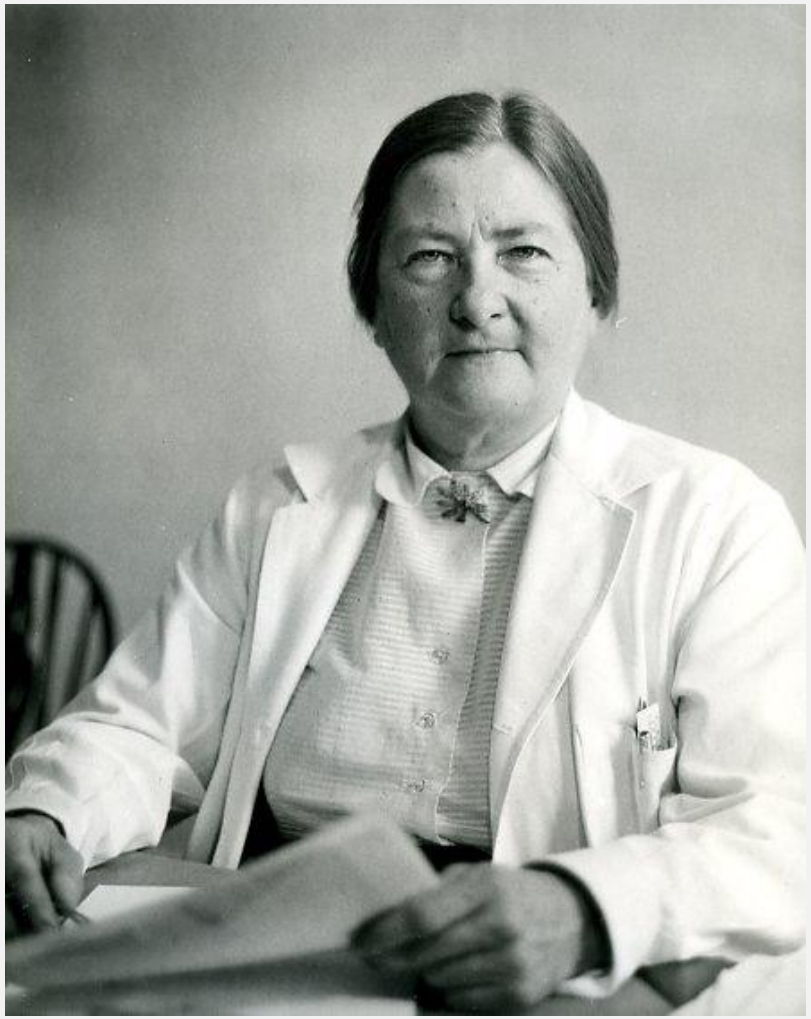
Made by students of the Group 407

WHAT'S THAT?

- **Cystic fibrosis** (CF), also known as **Mucoviscidosis**, is a genetic disorder that affects mostly the lungs, but also the pancreas, liver, kidneys, and intestine.



WHO'S AFFECTED?

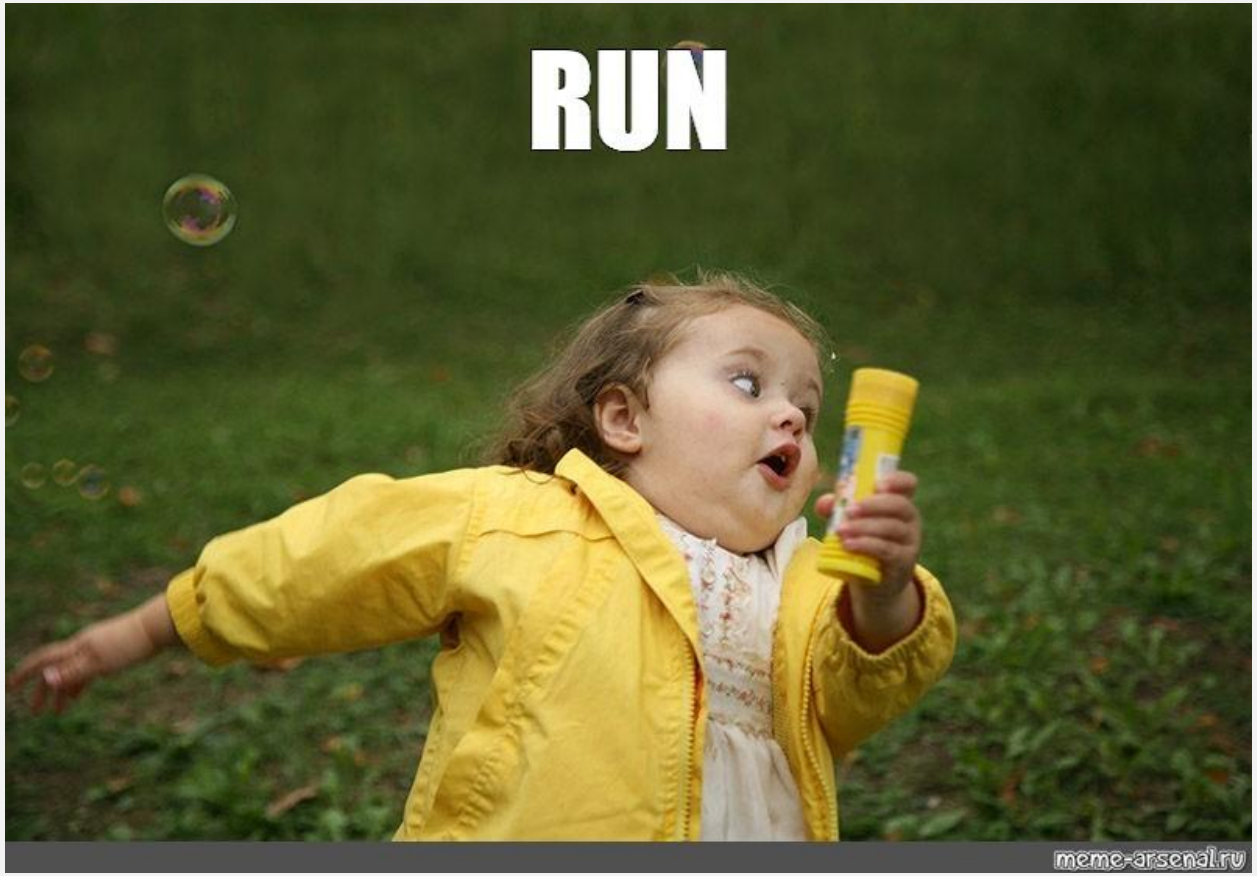


- Most common in: people of Northern European ancestry (~1 of 3000 newborns)
- Least common in: Africans and Asians
- First recognized by **Dorothy Andersen** in 1938

SYMPTOMS OF THIS DISEASE

- Difficulty breathing;
- Coughing up mucus;
- Poor growth;
- Fatty stool.

HOW CAN WE DEAL WITH IT?



There is **no known cure.**

What can help:

- Antibiotics;
- Antibiotic azithromycin long term;
- Inhaled hypertonic saline and salbutamol;
- Lung transplantation;
- Pancreatic enzyme replacement;
- Fat-soluble vitamin supplementation;
- Airway clearance techniques.

Average life expectancy is between 42 and 50 years.

WHAT IS THE CURRENT SITUATION?

The prognosis remains unfavorable.

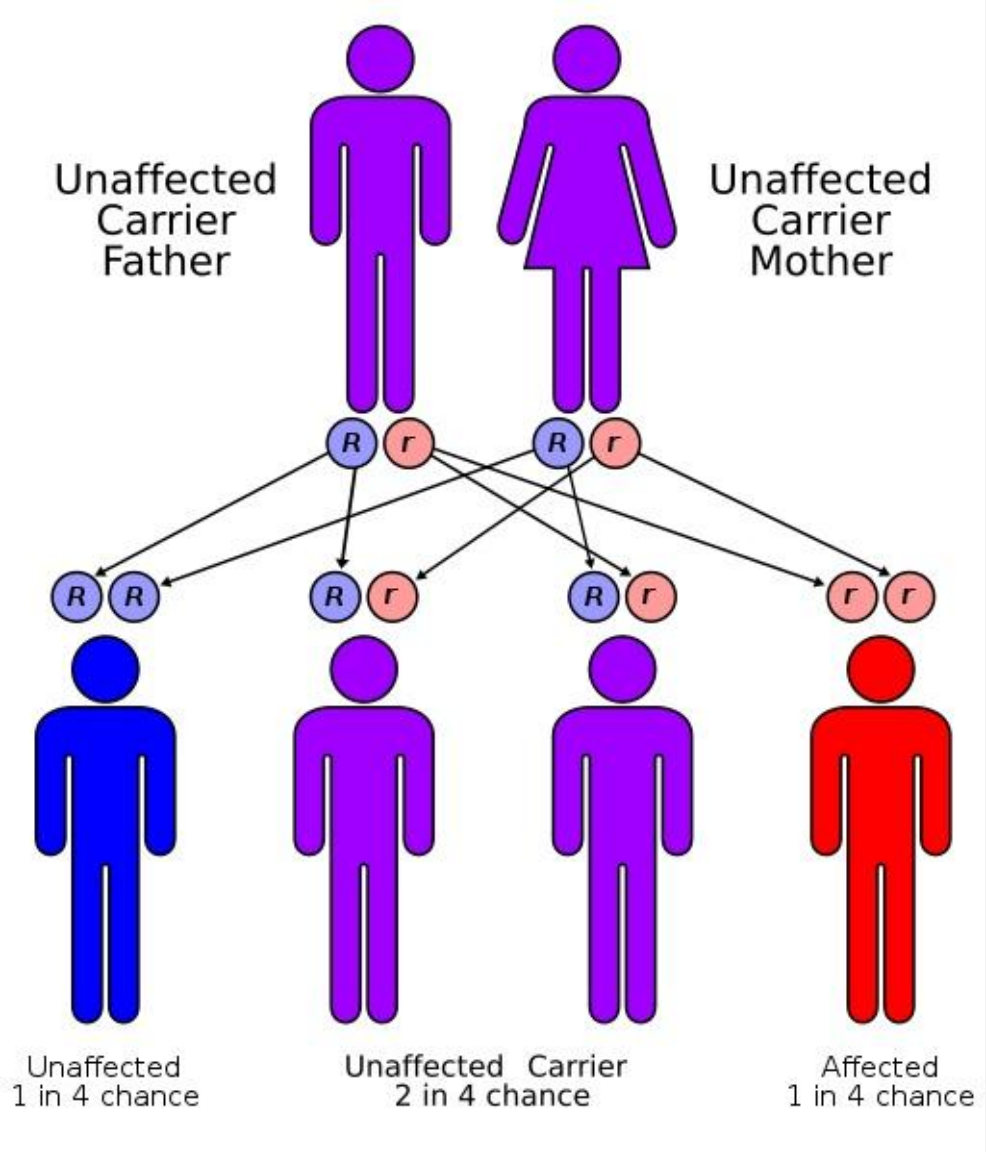
Mortality rate is 50-60%(less with late and inadequate therapy)

The genetic counseling of families with cystic fibrosis patients is very important.

The average life expectancy of patients:

In European countries: 40 years
In Canada and USA: 48 years

In Russia: 22-30 years



THANK YOU FOR YOUR ATTENTION!
STAY HEALTHY!