About us

AlzheimerChain Foundation s.r.o., Czech company established in January 2020, is organizing and supervizing AlzheimerChain project, which consists from three following principal components:

- **AlzheimerChain** - **security token** has fundraising purpose to create and develop application, MRI artificial intelligence, patient data storage and physician rewarding mechanism; distributed among investors (launched 1/2020)
- **AlzheimerCoin** - **utility coin** is rewarding and motivating patients for healthy lifestyle, physical activity, cognitive training and sharing their data; distributed among patients and community (launch scheduled in first half of 2021),

- **AlzheimerChain application -** will focus on **screening test, verbal tests, questionnaires, artificial intelligence mainly in evaluation of MRI, physical activity and cognitive training.** Blockchain technology will be used for recording and storing data. Application will be available in both mobile and PC version.

Why Alzheimer's disease

- currently there are around **50 million Alzheimer's patients**, but due to ever-increasing life expectancy it is estimated that the number of patients suffering from this disease will raise to **80 million by 2030 and 152 million by 2050**
- development of effective therapeutics against Alzheimer's disease is one of the **major challenges of the 21st century**
- current treatment is only symptomatic and provides a relief for up to 3 years; it does not cure the cause of the disease
- the costs associated with care for demented patients are expected to rise by **2050 as high as 8% of world GDP** unless an effective treatment is found
- Alzheimer's disease represents major health, social and **economic burden** for families, communities, societies and states worldwide.

Our approach

AlzheimerChain is designed to have a **positive impact on our lives and our environment**. AlzheimerChain connects novel Fin-tech industry with screening and preventive initiatives and brain disease research to offer alternative to existing, frequently inefficient ways of Alzheimer's disease research funding. **Introduction of new paradigm where patients are rewarded by sharing their research data would facilitate large scale screening and gathering of big data on prevention**. This approach will enable validation of self-administered screening, machine learning driven risk profile assessment and early diagnostics as well as identification of life-style risk factors and preventive measures. Existing scientific knowledge will be used to promote healthy brain aging and to reward preventive measures. **AlzheimerChain will go beyond prevention and will also support new drug development**. Promotion of **healthy life style** will decrease burden for families and society and internet based screening and cognitive training will increase accessibility of health services providing lower cost. AlzheimerChain has an ambition to be a game changer in the field with **positive impact for the whole society.**

Our team

Jan Pavlik, M.D., MBA

Founder & CEO, Former Commercial Lead in Biogen Czech Republic; Professional advisor in the field of health care

Prof. Jakub Hort, M.D., Ph.D, FEAN.

Founder; Neurologist; Head of the Centre for Cognitive Disorders at Motol Hospital, Czech Republic

Prof. Martin Valis, M.D., Ph.D., FEAN.

Founder; Neurologist; Head of the Neurological Clinic at Hospital Hradec Králové, Czech Republic

Julia Zajacova, M.Sc.

Founder; Director of FABA LTD., British venture capital company