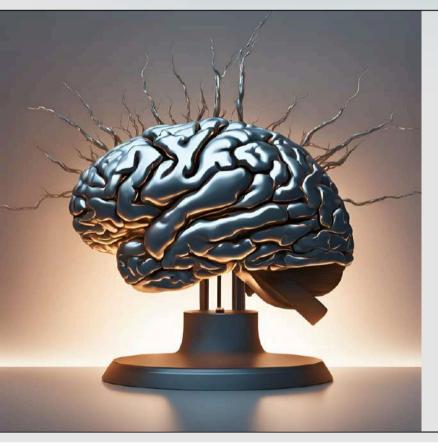


FerroReg



Identification
and functional
characterization of
extracellular and
intracellular
genetic regulators of
ferroptosis related
processes in
multiple sclerosis

The objective of **FerroReg** project

is to comprehend the time (different phases/phenotypes of disease) and space (blood/brain and cells/exosome proposed molecular actions) dependent regulatory background of ferroptosis in MS, as an inflammatory, neurodegenerative disease with highly limited therapeutic options.





FERROREG CONCEPT

for more information about FerroReg research project visit

www.ferroreg.vin.bg.ac.rs

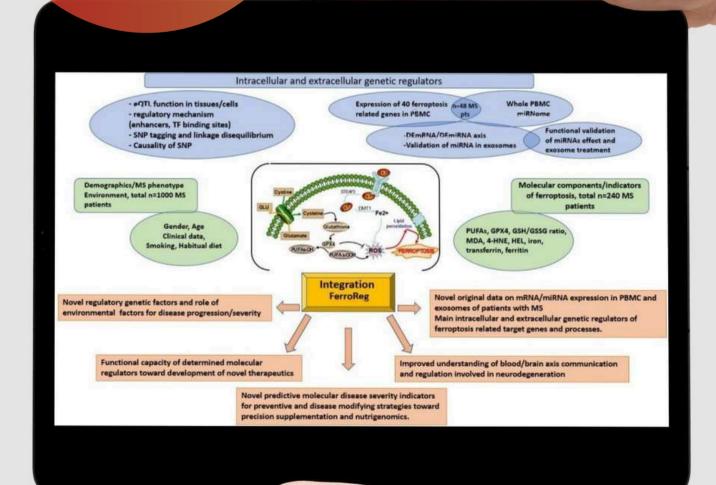
FerroReg Project

Why MS?

- a chronic inflammatory and neurodegenerative disease
- affects young adults (20-40 years old)
- no cure, just disease management therapies
- more than 9000 people with MS lives in Serbia

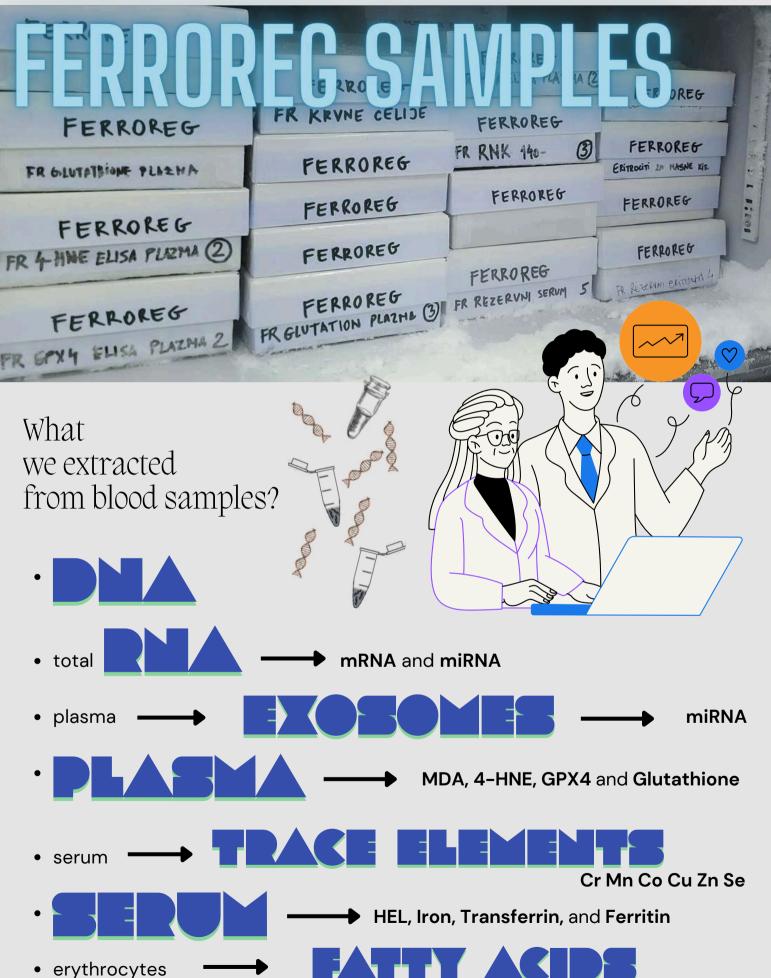
Why ferroptosis?

- an iron-dependent type of cell death
- recently recognized as driver for neurodegeneration













FERROREG TEAM

12 team members

3 years Start 21.1.2022. Finish 21.1.2025.

3 participating research organizations







4 oral presentations

ll poster presentations

5 research article publications

1 workshop



dr Maja Živković Principal Research Fellow, PI



dr Aleksandra Stanković Principal Research Fellow



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FERROREG ACKNOWLEDGEMENTS



new MS participants who donated blood samples to FerroReg research project

1261 citizens who completed the first FerroReg public survey - Science for Citizens: Genes and Multiple Sclerosis

FERROREG PARTICIPATING RESEARCH ORGANIZATIONS



"VINČA" Institute of Nuclear Sciences –
National Institute of the Republic of
Serbia, University of Belgrade
Laboratory for radiobiology and molecular genetics



The Medical Faculty of the Military
Medical Academy



Institute for Medical Research, National
Institute of the Republic of Serbia,
University of Belgrade

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