Professional Project: Joint Master Study of Bioindustrial Techniques/Molecular Biotechnology
University of Orlenas France and University of Zagreb

The importance of continuous education and improvement in different disciplines and soft skills

Associate Professor Donatella Verbanac

University of Zagreb Faculty of Pharmacy and Biochemistry

10-11-2021

Food Forensic
HAMAG BICRO
PROMISE Erasmus+
HrZZ Croatian Science Foundation
CRC MolProfil

PROMISE

Personalized Medicine Inquiry-Based Education

MEDITERRANEAN INSTITUTE FOR LIFE SCIENCES

AGENCY FOR MOBILITY AND EU PROGRAMMES

Erasmus+

Co-funded by the Erasmus+ Programme of the European Union

About the Project

- Coordinating institution: MEDILS, Split Croatia
- Duration 24 months (October 2019. – September 2021.)
- Funded: KA2 - Cooperation for innovation and the exchange of good practices
- Co-funded by the Erasmus+ Programme of the European Union http://www.mobilnost.hr/en/
- Web page: https://promise.medils.hr/

MEDITERRANEAN INSTITUTE FOR LIFE SCIENCES

Partners in Consortium:
4 Countries > Croatia, Spain, France and Belgium

University of Split

Pompeu Fabra University

University of Zagreb

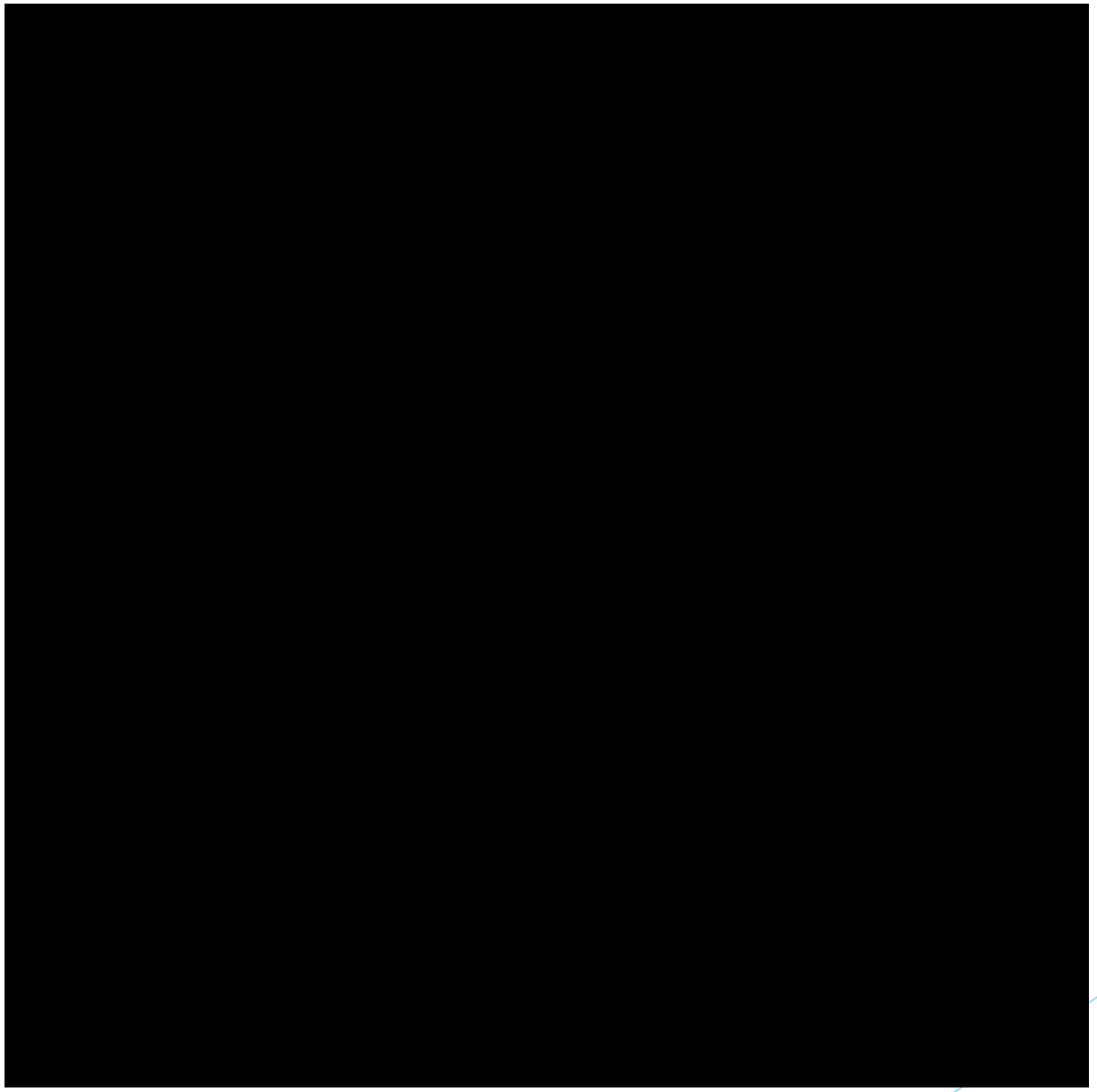
T.M.

Tamara Milošević

European Alliance for Personalized Medicine

Current/further plans

- Use the Project's outputs:
  - They will be adjusted and offered as a new module for different schools and universities.
- We recognize this step as praise that brings added value.



P4 Medicine Survey

Are you interested in the development of a better healthcare system? If so, fill out our survey and find out more about the concept of P4 medicine, a more democratic and dynamic approach to your health.

Survey link: https://forms.gle/NsEUHzWrWARTRcqu9

Development of neural networks (Artificial Intelligence) and advanced analytical methods as tools for forensic testing of food, nutritional supplements, and medicinal herbs
Acronym: AI4FFT

HAMAG – BICRO – IRI II

Industrial partner: Sample control d.o.o.

Main features

- The project aims to introduce a new comprehensive method of analysis of all contaminants in a food sample, from one sample preparation and one examination.
- The proposed project will apply techniques that will detect and quantify all food contaminants with one sample preparation and one analysis to say that the food is healthy according to all European regulations.
- The new analytical method and procedure should provide an unambiguous answer to contaminants in food/ingredients and potential pollutants that are not tested in everyday practice yet (primarily due to the challenging analytical procedures and limited resources).
- The general goal is to increase awareness and the food safety of quality, and consequently the quality of life.
- All laboratories within the EU will be able to use the newly developed method and the accompanying software that would eventually be commercialized. In this way, the quality of the obtained data would increase, and thus the health safety of food would rise to a higher level than before.
  - Four new employees: three technicians and one PhD student (background UniZg FTB; Joint Master Program with Orleans)

Genetic, Protein and RNA Profiling of Colorectal Cancer Using Liquid Biopsy

Acronym – CRCMolProfil

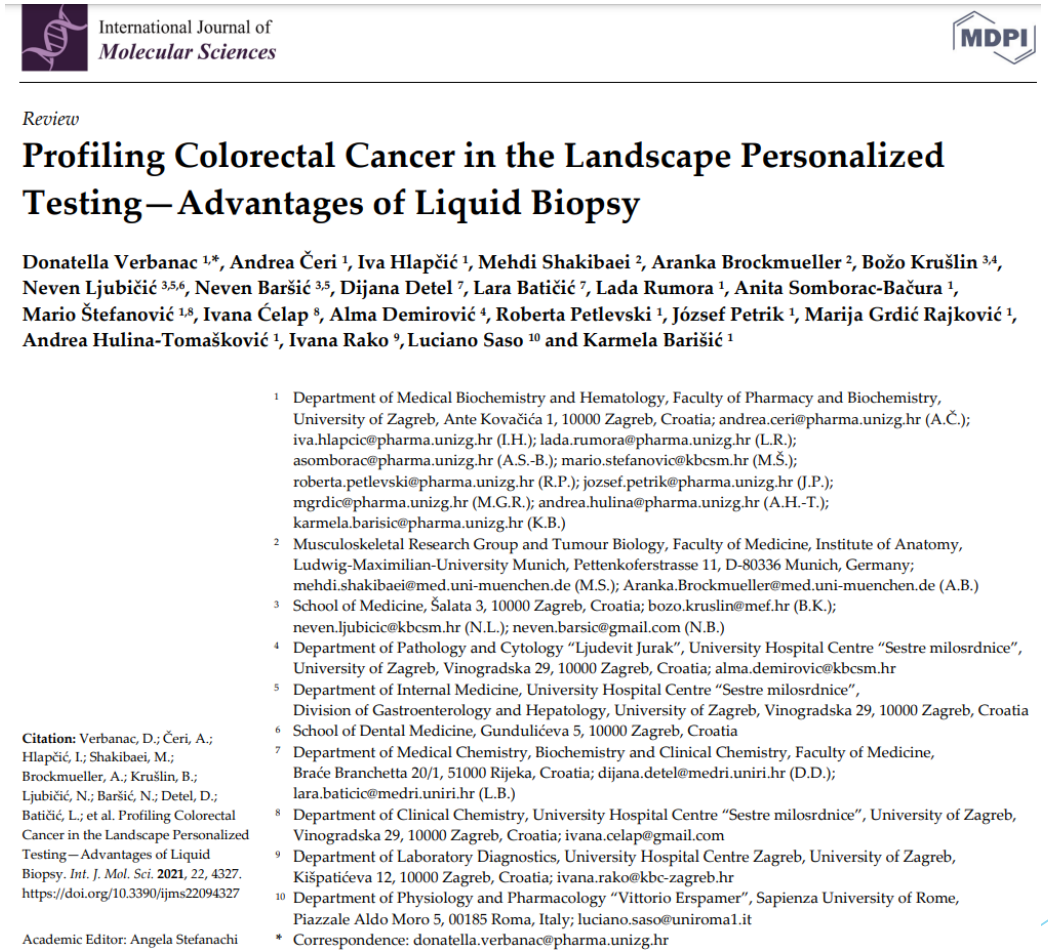
HRZZ broj IP-2019-04-4624

HRZZ
Croatian Science Foundation

CRC MolProfil

About project

- Coordinating institution – University of Zagreb Faculty of Pharmacy and Biochemistry and three partners'institutions: UHC Sestre milosrdnice; UHC Rebro and MedRI
  - Coordinator – Professor Karmela Barišić



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MDPI

Review

Profiling Colorectal Cancer in the Landscape Personalized Testing—Advantages of Liquid Biopsy

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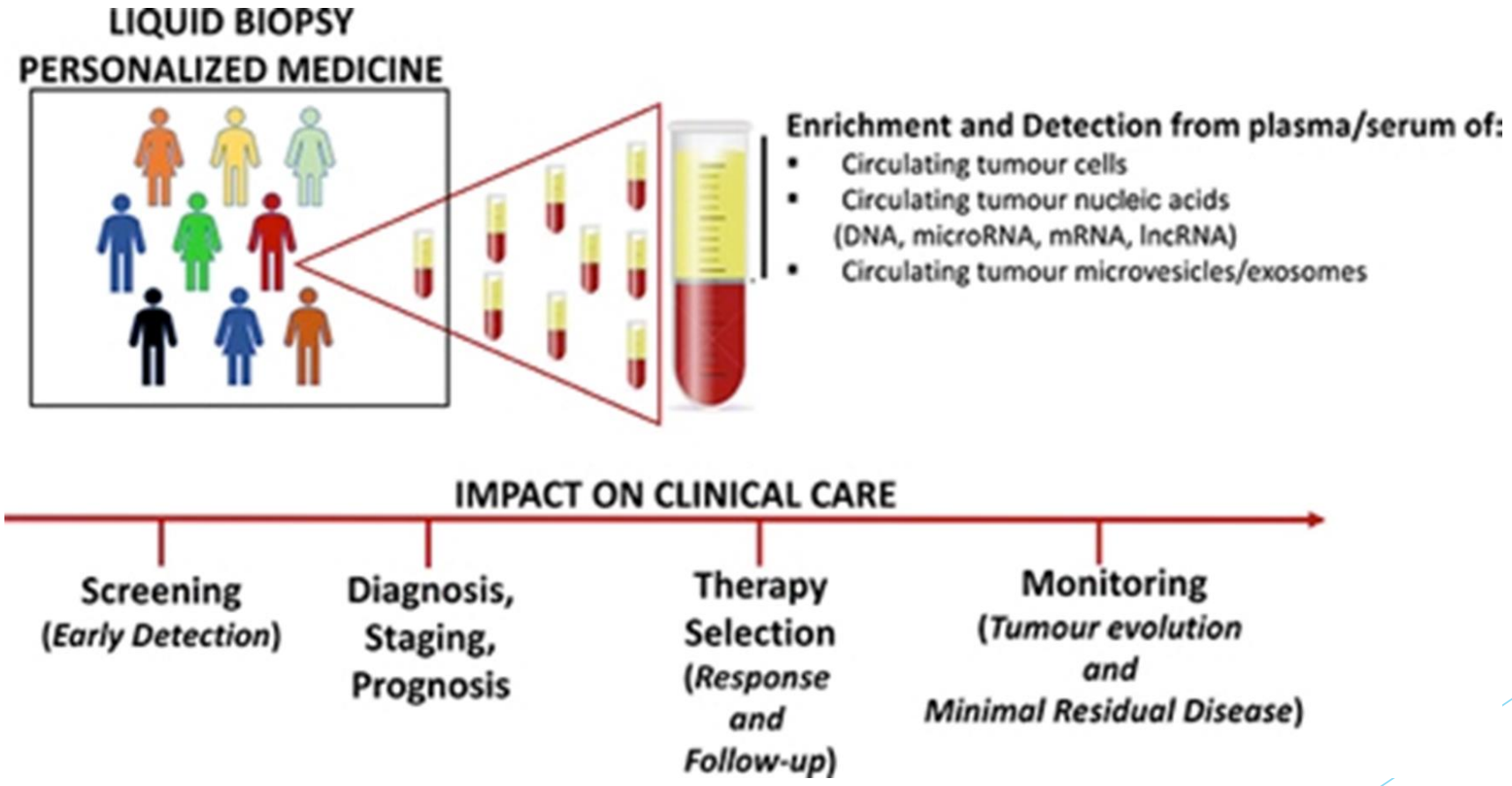
What is liquid biopsy



Questions?

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