



BROKERAGE FOR HEALTH

September 3-4 2018, Oslo

session (edit)



Biomedical research and health studies

Saša Missoni, PhD

Institute for Anthropological Research – IAR (CROATIA)



**INSTITUTE FOR
ANTHROPOLOGICAL
RESEARCH**

PUBLIC RESEARCH ORGANIZATION

Expertise

CENTRE FOR APPLIED BIOANTHROPOLOGY

4 LABORATORIES – SECOND HALF OF 2019

Laboratory for Molecular Anthropology

Laboratory for Analytical Chemistry

Laboratory for Evolutionary Anthropology and Bioarchaeology

Laboratory for Microbial Ecology

- molecular anthropology and molecular genetics studies
 - including NGS population analyses
 - prevalence and development of diseases
- multielemental analyses
 - including biological and environmental samples
- microbiota analyses
- development of diagnostic and intervention program for tackling obesity
 - identification of risk factors and biomarkers for obesity development
 - development of individualized dietary and physical activity programs
 - development of healthy ageing models

Topic

child and maternal health (birth cohorts studies, early growth and development, predisposing factors for complex disease development, genetic and epigenetic analyses)

personalised medicine (drug resistance, genetic predisposition to diseases)

impact of environment on health (plasticity of epigenome, toxicology, transgenerational exposome)

complex diseases (diabetes type II, metabolic syndrome)



Experience

- **Croatian Islands' Birth cohort Study - CRIBS**
- **Integrated GWAS and EWAS of Cardiometabolic Traits in an Island Population (NIH)**
- **Genetics of Metabolic Syndrome in an Island Population (NIH)**
- **Genetic and environmental factors of insulin resistance syndrome and its long term complication in immigrant Mediterranean populations - MEDIGENE (FP7)**
- **Obesity in Croatian Roma: The Interaction of Leptin System Genes and Nutritional Status Biomarkers in Different Environment (Nutricia Research Foundation)**
- **Research on life habits of adolescents in order to prevent obesity, type II diabetes and cardiovascular diseases**

etc.

IAR is a member of **Croatian Competitiveness Cluster for Personalised Medicine**, among many research organizations, hospitals, private companies etc.



Contact details

Thank you!

Saša Missoni, PhD

Institute for Anthropological Research (Zagreb, CROATIA)

sasa.missoni@inantro.hr

www.inantro.hr