

Tinatin Jokhadze

Associate Professor of division of Genetics

Doctor in Biological Science

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Education

University Diploma in biologys . Ivane Javakhishvili Tbilisi State Unievrstiy, Georgia.

Academic Degree - Doctor of Biological Science. Specialty–Genetics.

Work Experience

2006-since.- **Associate Professor of division of Genetics.**Department of Biology, Division of Genetics. Ivane Javakhishvili Tbilisi State University.

1991-2006 - docent of Department of Genetics, IvaneJavakhishvili Tbilisi State University.

1988-1989 - Research Of Department of Genetics, Ivane Javakhishvili Tbilisi State University

1975-1987 -Senior Laboratory Assistant - Of Department of Genetics, Ivane Javakhishvili Tbilisi State University

Teaching Courses

Genetics

Integrated Biology

Human Genetics

Genome instability

Biomedicine Laboratory Research Methods

Introduction in Biology

Ecological Genetics

Participation in Grant Projects (Last 5 Year)

2016-2019. Glutathione S-transferase M1 and T1 genes polymorphism associated with antituberculosis drug induced hepatotoxicity in Georgian population. Key Personnel. SRNSF. DI-2019-39.

2014-2017. Applications of bioregulators and heavy metals to hinder the progress of ductal Breast Cancer. Key Personnel. SRNSF. FR/337/7-140/13.

2014-2016. Warfarin dose regulation in cardiovascular diseases patients with CYP2C9 and VKORC1 gene polymorphism. Key Person. SRNSF04.20/STCU5890.

2012-2014. Correction of genome by nanopeptides and metal ions to prevent and hinder of hypertrophic cardiomyopathy. Key Personnel. SRNSF 09.17/STCU5624.

List of Publications (Last 6 year). Totally – 75

- Genomic variability in Patients with Ductal form of Breast Cancer and the possibility of correction with peptide Bioregulator and Metal ions. Georgian Medical News.(262): 88-92. (2017).
- Epigenetic modification under the influence of peptide bioregulators on "senile" heterochromatin. in book of abstracts Inter. Symp. - Experts opinion on current approaches in anti-ageing medicine and gerontology. 71-75 (2017)
- The Host Epigenetics Alterations in Pulmonary Tuberculosis. International Journal of Pharmaceutical Science and health Care. J. Issue 6, V. 3, 39-47. (2016)
- The Frequency of CYP2C9 and VKORC1 Gene Polymorphic Alleles in Georgian Population.IICB & IA-E int. conference proceedings. 47-50. ISBN 978-93-84468-48-4. (2016).
- Frequency of Polymorphism of VKORC1 and CYP2C9 Genes in two Regions of Georgia. Georgian Med News. (250):46-51. (2016).
- Epigenetic Regulation of "Age" Heterochromatin by Peptide Bioregulator Cortagen. Int J Pept Res and Ther. DOI 10.1007/s10989-014-9443-7. (2015).
- Genomic instability in atherosclerosis. Georgian Med News. Nov;(236):82-86. (2014).
- Effect of peptide bioregulator and cobalt ions on the activity of NORS and associations of acrocentric chromosomes in lymphocytes of patients with hypertrophic cardiomyopathy and their relatives. Geo. med. News. 9(234), 134-137. (2014).
- Functional regulation of genome with peptide bioregulators by hypertrophic cardiomyopathy (by patients and relatives). Geo. med. News. (225):94-7. (2013).
- Genome instability in pulmonary tuberculosis before and after treatment. Georgian Medical News,(2013) 224:77-81.
- Deheterochromatinization of the chromatin in old age induced by oligopeptide bioregulator (Lys-Glu-Asp-Pro). Geo. med. News. (212):76-82. (2012).
- Influence of tetrapeptide on chromatin thermostability. Geo. med. News. (194):64-6.(2011).
- Remodeling of heterochromatin induced by heavy metals in extreme old age. Age (Dordr). Sep;33(3):433-8. (2011).
- Gerontology research in Georgia. Biogerontology. Apr;12(2):87-91. (2011).

Research Interests:

Human genetics, Genetics of ageing, Genetics of diseases

Mutagenesis

Epigenetics