

Liya Alexandrovna Minasbekyan

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Research Institute of Biology

Group for the Study of the Interaction of Active Compounds with Biomacromolecules
Researcher

Education

Institution	Institute of Experimental (Molecular) Biology, NAS RA
Faculty	Molecular cellular structure
Date	1985 - 1989
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of Biology, Chair of Biophysics
Date	1977 - 1982
Degree name	Qualified specialist

Scientific Rank/degree

Institution	Yerevan State University, Faculty of Biology
Date	1992
Degree name	Candidate
Specialty	Biological sciences
Scientific Supervisor	D.of sci., proff. Panosyan G.H. , D.of sci. Vardevanyan P.O.
Research Topic	Changes of Some Structural Parameters of the Cereals DNA During Germination

Language skills

English Русский Հայերեն

Publications

Article

Biologically active compounds from edible mushroom: Effect on HeLa cells

Inesa Avagyan, Liya Minasbekyan, Siranush Nanagulyan

Functional Foods in Health and Disease 2024 663 - 675

Article

TITLE DNA METHYLATION - THE POSSIBILITY OF ADAPTATION TO ABIOTIC ENVIRONMENTAL INFLUENCES

MINASBEKYAN L.A., AVAGYAN I.A.

Article

Влияние ионизирующего излучения на радиочувствительность клеточных ядер проростков семян пшеницы

Minasbekyan L.A., Avagyan I.A.

Биофизика (Biophysics) 2023 554-563

Article

Physical model of the nuclear membrane permeability mechanism

Liya A.Minasbekyan, Hamlet G.Badalyan

Biophysical Reviews 2023 1195-1207

Article

Вклад фосфолипидов ядерной мембраны в формирование электрокинетического потенциала

Минасбемян Л.А., Неркарарян А.В.

Биофизика (Biophysics) 2022 1131-1142.

Article

WHEAT PROTEIN INCREASING THROUGH RADIATION TECHNOLOGIES

L.A. MINASBEKYAN, M. A. PARSADANYAN

Proceedings of the Yerevan Sate University B: Chemical and Biological Science 2022 225-230

Article

Radiosensitivity of soft wheat seeds to gamma radiation

Minasbekyan L.A., Avagyan I.A.

Proceedings of the YSU B: Chemical and Biological Sciences 2021 165-171

Article

INFLUENCE OF LOW DOSE GAMMA-IRRADIATION ON THE ELECTROKINETIC POTENTIAL OF WHEAT SEEDLINGS CELLULAR NUCLEI

L.A. Minasbekyan, A.V. Nerkararyan, M.S. Mikaelyan, R.R. Sadoyan

Proceedings of the YSU B: Chemical and Biological Sciences 2020 118-124

Article

Influence of electromagnetic irradiation of mm-range on the cellular nuclei in plant model

Minasbekyan L.A., Pohrebennik V., Przystupa K., Kochan O

WIRTUALNE SYMPOZJUM ŚRODOWISKOWE PTZE. ZASTOSOWANIA ELEKTROMAGNETYZMU WE WSPŁCZESNEJ INŻYNIERII I MEDYCYNIE
2020 240-242

Article

Sensitive biomarker for assessing the effects of the environment on the population of plants

L.A.Minasbekyan, G.S. Aidarchanova, I.A. Avagyan

CURRENT CHALLENGES IN PLANT GENETICS, GENOMICS, BIOINFORMATICS, AND BIOTECHNOLOGY 2019
107-109

Article

**ИНТЕГРАЦИЯ БИОФИЗИЧЕСКИХ И ЭКОЛОГИЧЕСКИХ ИССЛЕДОВАНИЙ ДЛЯ РЕШЕНИЯ
СОЦИАЛЬНЫХ ПРОБЛЕМ ОБЩЕСТВЕННОГО РАЗВИТИЯ**

Минасбекян Лия, Авагян Инесса, Айдарханова Гульнар

Научные подходы к экологизации системы образования в условиях развития «зеленой экономики»
2018 112-115

Article

**ИЗМЕНЕНИЕ СОДЕРЖАНИЯ ФОСФОЛИПИДОВ ЯДЕРНЫХ СУБФРАКЦИЙ ПРОРОСТКОВ
ПШЕНИЦЫ ПОД ДЕЙСТВИЕМ ЭМ ВОЛН ММ-ДИАПАЗОНА**

Л.А. МИНАСБЕКЯН

Биологический журнал Армении 2018 52-60

Article

Impact of MM-Waves on the Different Cellular Levels of Wheat Seedlings

Minasbekyan L.A., Nerkararyan A.V., M.R.Darbinyan

Armenian Journal of Physics 2016 pp. 89-94

<http://ajp.asj-oa.am/>

Conference

. Impact of mm-waves on the different level of wheat seedlings

Minasbekyan L.A.

Conference

Modification of growth conditions by mm-waves of wood-decaying mushroom`s cultures

Minasbekyan L.A.

Conference

К проблеме сохранения дикорастущих пшениц Армении

Минасбекян Л.А., Авагян Р.Э.

Conference

EPIGENETIC EVENTS IN WHEAT SEEDLINGS NUCLEI ABIOTIC STRESS RESPONSES

L.A. Minasbekyan

Conference

CURRENT PROBLEMS OF STUDY AND PRESERVE OF WHEAT GENE POOL OF ARMENIA

L.A. Minasbekyan, R.E. Avalyan

Conference

**Joint effect of growth stimulyator of plant C-2 and EMI EHF on peroxidase activity of wheat
seedlings**

Minasbekyan L.A., Nerkararyan A.V., Shahinyan M.A.

Conference

**МЕХАНИЗМЫ ВОЗДЕЙСТВИЯ СЛАБЫХ ЭЛЕКТРОМАГНИТНЫХ ИЗЛУЧЕНИЙ НА
ФОСФОЛИПИДНЫЙ БИСЛОЙ**

Минасбекян Л.А., Бадалян Г.Г.

Conference

РОЛЬ ФОСФОЛИПИДОВ ЯДЕРНОЙ МЕМБРАНЫ В ФОРМИРОВАНИИ ОТВЕТА НА ММ-ВОЛНЫ

Л. Минасбемян

Conference

SOME OF EPIGENETIC EVENTS IN WHEAT SEEDLINGS NUCLEI ON MM-WAVES RESPONSES

Minasbekyan L.A.

Conference

INCREASING ANTI-INFLAMMATORY EFFECTS OF WOOD DECAYING MUSHROOM CULTURE WITH INFLUENCE OF THE MM-WAVES

Avagyan I.A., Minasbekyan L.A., Nanagulyan S.G.

Conference

CHANGES OF WHEAT SEEDLINGS NUCLEI ELECTROMOBILITY UNDER INFLUENCE OF MM-WAVES

Minasbekyan L.A., Nerkararyan A.V.

Conference

DNA methylation as a sensitive biomarker of environmental abiotic factor exposure.

Minasbekyan L.A., Avagyan I.A., Aidarchanova G.S.

Conference

Effective usage of edible mushrooms extract for treatment of HeLa cells

Inesa Avagyan, Siranush Nanagulyan, Liya Minasbekyan

Conference

PROMISING BIOMARKER FOR ASSESSING THE EFFECTS OF THE ENVIRONMENT ON A POPULATION OF PLANTS

Minasbekyan L.A., Aydarkhanova G.S., Avagyan I.A.

Conference

ВКЛАД ФОСФОЛИПИДОВОЯДЕРНОЙ МЕМБРАНЫ В ФОРМИРОВАНИЕ ЭЛЕКТРОКИНЕТИЧЕСКОГО ПОТЕНЦИАЛА

Минасбемян Л.А.

Conference

Epigenetic mechanism of wheat adaptation on a response to the abiotic stress

Minasbekyan L.A., Vardevanyan P.O.

Conference

EPIGENETIC EVENTS IN WHEAT SEEDLINGS NUCLEI ABIOTIC STRESS RESPONSES

Minasbekyan L.A., Mikaelyan M.S., Avagyan I.A.

Conference

Чувствительный биомаркер воздействия окружающей среды

Минасбемян Л.А.

Conference

Влияние γ -излучения на биохимический состав ядерных фракций

Минасбемян М.Л.

Conference

Физическая модель механизма проницаемости ядерной мембраны

Минасбемян Л.А., Бадалян Г.Г.

Conference

Пролонгированное воздействие мм-волн на геном растений

Минасбемян Л.А.

Conference

МИКРОБИОЛОГИЧЕСКИЙ СКРИНИНГ РАСТЕНИЙ ДЛЯ ПРОФИЛАКТИКИ ВИРУСНЫХ ИНФЕКЦИЙ

Минасбемян Л., Айдарханова Г.С., Кухар Е.В.

Conference

Physical model of the nuclear membrane permeability mechanism

Minasbekyan L.A., Badalyan H.G.
