Liya Alexandrovna Minasbekyan

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Research Institute of Biology
Group for the Study of the Interaction of Active Compounds with Biomacromolecules
Scientific Worker

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Scientific Worker

Education

Institution	Institute of Molecular Biology
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
Date	1992
Degree name	Candidate
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

Work experience

Institution	YSU, Scientific Research Institute of Biology
Period of time	2013 till now
Rank/degree	Scientific Researcher

Institution	Armenian-Slavonic University
Period of time	2011 - 2013
Rank/degree	Assosiate of Professor

Institution	Yerevan State University
Period of time	2001 - 2013
Rank/degree	Lecturer (part-time)

Institution	Yerevan State University
Period of time	1993 - 2013
Rank/degree	senior sci. researcher

Institution	Yerevan State University
Period of time	1989 - 1993
Rank/degree	Scientific Researcher

Publications

Article

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

MINASBEKYAN L.A., AVAGYAN I.A.

14th International Conference Bioinformatics of Genome Regulation and Structure\Systems Biology 2024

1080 - 1083

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

Conference

Physical model of the nuclear membrane permeability mechanism

Minasbekyan L.A., Badalyan H.G.

2024 206 - 206

https://biomembranes.events/

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

Conference

Влияние γ-излучения на биохимический состав ядерных фракций

Минасбекян М.Л.

2023 145 - 145

http://rusbiophysics.ru/db/conf.pl?cid=1&lang=ru&div=7

Conference

Физическая модель механизма проницаемости ядерной мембраны

Минасбекян Л.А., Бадалян Г.Г.

2023 355 -355

http://rusbiophysics.ru/db/conf.pl?cid=1&lang=ru&div=7

Conference

Пролонгированное воздействие мм-волн на геном растений

Минасбекян Л.А.

2023 350-351

http://rusbiophysics.ru/db/conf.pl?cid=1&lang=ru&div=7

Article

Вклад фосфолипидов ядерной мембраны в формирование электрокинетического потенциала

Минасбекян 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

Conference

Чувствительный биомаркер воздействия окружающей среды

Минасбекян Л.А.

2022 137 - 137

https://confpopgen.confreg.org

Conference

МИКРОБИОЛОГИЧЕСКИЙ СКРИНИНГ РАСТЕНИЙ ДЛЯ ПРОФИЛАКТИКИ ВИРУСНЫХ ИНФЕКЦИЙ

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

2022 238 - 242

https://ku.edu.kz/news/view?id=10904

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

Conference

EPIGENETIC EVENTS IN WHEAT SEEDLINGS NUCLEI ABIOTIC STRESS RESPONSES

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

2021 56-56

https://indico.jinr.ru/event/1069/

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 WSPÓŁCZESNEJ INŻYNIERII I MEDYCYNIE
2020 240-242

Conference

Epigenetic mechanism of wheat adaptation on a response to the abiotic stress
Minasbekyan L.A., Vardevanyan P.O.

2020 150

https://conf.icgbio.ru/plantgen2021/

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

Conference

DNA methylation as a sensitive biomarker of environmental abiotic factor exposure.
Minasbekyan L.A., Avagyan I.A., Aidarchanova G.S.

2019 132

http://conf.bionet.nsc.ru/plantgen2019/en/

Conference

Effective usage of edible mushrooms extract for treatment of HeLa cells
Inesa Avagyan, Siranush Nanagulyan, Liya Minasbekyan

2019 268

https://xviiicem.syskonf.pl/

Conference

PROMISING BIOMARKER FOR ASSESSING THE EFFECTS OF THE ENVIRONMENTON A POPULATION OF PLANTS
Minasbekyan L.A, Aydarkhanova G.S., Avagyan I.A

2019 40

https://www.researchgate.net/publication/335244282_Modern_Achievements_in_Popul...

Conference

ВКЛАД ФОСФОЛИПИДОВЯДЕРНОЙ МЕМБРАНЫ В ФОРМИРОВАНИЕ ЭЛЕКТРОКИНЕТИЧЕСКОГО ПОТЕНЦИАЛА

Минасбекян Л.А.

2019 172-173

http://conf-2019.biophys.ru/

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

Conference

МЕХАНИЗМЫ ВОЗДЕЙСТВИЯ СЛАБЫХ ЭЛЕКТРОМАГНИТНЫХ ИЗЛУЧЕНИЙ НА ФОСФОЛИПИДНЫЙ БИСЛОЙ

Минасбекян Л.А., Бадалян Г.Г.

2018 5

http://cong-2018.biophys.ru/index.php

Conference

РОЛЬ ФОСФОЛИПИДОВ ЯДЕРНОЙ МЕМБРАНЫ В ФОРМИРОВАНИИ ОТВЕТА НА ММ-ВОЛНЫ

Л. Минасбекян

2018 59

http://cong-2018.biophys.ru/index.php

Conference

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

Minasbekyan L.A.

2018 50-51

http://physecolab.ysu.am/workshop2018

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.

2018 34

http://physecolab.ysu.am/workshop2018

Conference

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

Minasbekyan L.A., Nerkararyan A.V.

2018 36-37

http://physecolab.ysu.am/workshop2018

Conference

EPIGENETIC EVENTS IN WHEAT SEEDLINGS NUCLEI ABIOTIC STRESS RESPONSES

L.A. Minasbekyan

2017 58

http://primerdigital.com/PlantGen2017/en/

Conference

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

L.A. Minasbekyan, R.E. Avalyan

2017 28

http://primerdigital.com/PlantGen2017/en/

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.

2017 88

http://primerdigital.com/PlantGen2017/ru/

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

К проблеме сохранения дикорастущих пшениц Армении

Минасбекян Л.А., Авалян Р.Э.

2016 302-305

Conference

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

Minasbekyan L.A.

2015 23

Conference

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

Minasbekyan L.A.

2015 31
