

# Gayane Georgii Zalinyan

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## Faculty of Biology

Chair of Genetics and Cytology

Associate professor



## Education

|                    |                          |
|--------------------|--------------------------|
| <b>Institution</b> | Yerevan State University |
| <b>Faculty</b>     | Biological               |
| <b>Date</b>        | 1974 - 1979              |
| <b>Degree name</b> | PhD student              |

|                    |                          |
|--------------------|--------------------------|
| <b>Institution</b> | Yerevan State University |
| <b>Faculty</b>     | Biological               |
| <b>Date</b>        | 1969 - 1974              |
| <b>Degree name</b> | Masters                  |



## Scientific Rank/degree

|                    |                          |
|--------------------|--------------------------|
| <b>Institution</b> | Yerevan State University |
| <b>Date</b>        | 2015                     |
| <b>Degree name</b> | Associate professor      |
| <b>Specialty</b>   | Biological sciences      |

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|------------------------------|---------------------------------------------------------------------------------------|
| <b>Institution</b>           | Yerevan State University                                                              |
| <b>Date</b>                  | 1981                                                                                  |
| <b>Degree name</b>           | Candidate                                                                             |
| <b>Specialty</b>             | Biological sciences                                                                   |
| <b>Scientific Supervisor</b> | Batikyan G.G.                                                                         |
| <b>Research Topic</b>        | Modification by protectors of diphin and fotriner's cytogenetic action in human cells |



## Language skills

Հայերեն Русский English



## Work experience

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| <b>Institution</b>    | YSU                                               |
| <b>Period of time</b> | 1979 till now                                     |
| <b>Rank/degree</b>    | Docent of genetics and cytology department of YSU |



## Scientific interests

- Medical genetics
- Epigenetics
- Molecular genetics
- Toxicogenetics
- Oncogenetics
- Population genetics



## Participation in international conferences and seminars

|                                    |                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>24/11/2013 -<br/>25/11/2013</b> | Yerevan State Medical University Conference<br>Armenia                                          |
| <b>14/12/2011 -<br/>15/12/2011</b> | Assembly on human health problems and their environmental solutions<br>Russian Federation (the) |
| <b>06/12/2011 -<br/>08/12/2011</b> | Assembly on human ecology and environmental problems<br>Russian Federation (the)                |
| <b>03/11/2006 -<br/>06/11/2006</b> | Conference<br>ՄՄԱԴ Հայկական գիտահետազոտական կենտրոն<br>Armenia                                  |
| <b>08/05/2005 -<br/>12/05/2005</b> | International conference<br>Ukraine                                                             |
| <b>03/10/2000 -<br/>07/10/2000</b> | Congress of geneticists and selectionists<br>Russian Federation (the)                           |
| <b>08/09/1998 -<br/>11/09/1998</b> | Transcaucasian congress of oncologists<br>Georgia                                               |
| <b>25/11/1988 -<br/>11/12/1988</b> | Science trip<br>Բուդապեշտի պետական համալսարան<br>Hungary                                        |
| <b>10/06/1989 -<br/>16/06/1989</b> | All-Union conference<br>Russian Federation (the)                                                |
| <b>08/10/1984 -<br/>13/10/1984</b> | European annual conference on environmental mutagens<br>Russian Federation (the)                |
| <b>14/05/1984 -<br/>18/05/1984</b> | First all- Union congress on medical genetics<br>Ukraine                                        |

## Membership

|                       |                                        |
|-----------------------|----------------------------------------|
| <b>Institution</b>    | Member of geneticists and selectioners |
| <b>Period of time</b> | 1978 - 2023                            |

|                       |                                    |
|-----------------------|------------------------------------|
| <b>Institution</b>    | Member of medical genetics society |
| <b>Period of time</b> | 1978 - 2023                        |

## State awards and honorary titles

1984 Laureate of 5ne Lenin Komsomol Prize of Armenia in the field of science

## Publications

*Article*

**Investigation of genetic instability in patients with Diabetes Mellitus type I, II and LADA using buccal micronucleus cytome assay**

G. Parsadanyan, G. Zalinyan, R. Markosyan, M. Sarkisyan, E. Aghajanova, A. Sahakyan

Mutation Research - Genetic Toxicology and Environmental Mutagenesis 2024 503828

*Article*

**The combined effect of titanium dioxide nanoparticles and cypermethrin on male reproductive toxicity in rats**

Gayane Zalinyan, Gohar Parsadanyan, Armen Nersesyan

Environmental Science and Pollution Research 2023 74455-74456

*Article*

**Լ տիպի շաքարային դիաբետով հիվանդների գենետիկական կայունության հետազոտումը միկրոկորիզային թեստի միջոցով**

Փարսադանյան Գ.Գ., Աղաջանովա Ե.Մ., Չալինյան Գ.Գ., Մարկոսյան Ռ.Լ., Սահակյան Ա.Ա

Բժշկություն, գիտություն և կրթություն 2023 11-15

*Article*

**The level of micronuclei and nuclear anomalies in buccal cells of the oral cavity of women indirectly exposed to chlorine pesticides**

Nersesyan A.K., Parsadanyan G.G., Zalinyan G.G., Chobanyan N.S.

New Armenian Medical journal 2018 50-54

*Article*

**Cytogenetic Biomonitoring in Buccal Mucosa Cells of Young Smokers**

Gayane Zalinyan, Armen Nersesyan, Gohar Parsadanyan, Naira Chobanyan

Acta Cytologica 2016 180-186

<https://www.karger.com/Journal/Home/254338>

*Article*

**Evaluation of Micronuclei, Nuclear Anomalies and the Nuclear/Cytoplasmic Ratio of Exfoliated Cervical Epithelial Cells in Genital Candidiasis**

Nersesyan A., Parsadanyan G., Zalinyan G., Chobanyan N.

Acta Cytologica 2015 180-186

<https://www.karger.com/Journal/Home/254338>

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*Article*

**Применение генетических маркеров для выявления воздействия облучения на организм человека**

Зедгинидзе А.Г., Намчевадзе Э.Н., Никурадзе Т.Д., Залинян Г.Г., Парсаданян Г.Г.

Медицинские новости Грузии (Georgian medical news) 2015 94-98

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*Conference*

**Micronucleus and other nuclear anomalies level in exfoliated buccal cells of oncology patients**

Zalinyan G., Parsadanyan G., Nersesyan A., Zedginidze A., Namchevadze E., Nikuradze T.

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*Conference*

**Buccal micronucleus cytome assay in Armenian diabetes patients**

G. Parsadanyan, E. Aghajanova, G. Zalinyan, R. Markosyan, A. Sahakyan, A. Nersesyan

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*Conference*

**Buccal micronucleus cytome assay in human oral cancers**

Gohar Gevork Parsadanyan, Gayane Georg Zalinyan

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*Conference*

**Buccal Micronucleus Cytome Assay in Various Diseases**

Gayane G. Zalinyan, Ani L. Gevorgyan, Armenuhi A. Sahakyan, Gohar G. Parsadanyan

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*Conference*

**Buccal Micronucleus Cytome Assay in Human Oral Precancerous and Cancerous Lesions**

Gohar Parsadanyan, Gayane Zalinyan, Lilit Harutyunyan, Margarita Sarkisyan

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