

Ani Arthur Avetisyan

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Research Institute of Physics

Laboratory of Physics of Macromolecules

Junior Researcher

Education

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|--------------------|----------------------------|
| Institution | Yerevan State University |
| Faculty | Physics, Molecular physics |
| Date | 2011 - 2015 |
| Degree name | Applicant |

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|--------------------|----------------------------|
| Institution | Yerevan State University |
| Faculty | Physics, Molecular physics |
| Date | 2006 - 2008 |
| Degree name | Masters |

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|--------------------|----------------------------|
| Institution | Yerevan State University |
| Faculty | Physics, Molecular physics |
| Date | 2002 - 2006 |
| Degree name | Bachelor |

Scientific Rank/degree

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|------------------------------|---|
| Institution | Yerevan State University |
| Date | 2016 |
| Degree name | Postgraduate |
| Scientific Supervisor | Dalyan Yeva |
| Research Topic | The Features of Interactions of Porphyrins with A-DNA |

Language skills

Հայերեն Русский English

Work experience

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|-----------------------|--------------------------|
| Institution | Yerevan State University |
| Period of time | 2009 till now |
| Rank/degree | assistant |

Article

Spectral Study of the Binding of TMetAlPyP3 and ZnTMetAlPyP3 Porphyrins to DNA

L. R. Aloyan, A. A. Avetisyan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2023 99–103

Article

Interaction of MnTOEtPyP4 porphyrin with DNA

Gayane V. Ananyan, Yeva B. Dalyan, Nelli H. Karapetyan, Vigen G. Barkhudaryan, Ani A. Avetisyan

Journal of Biomolecular Structure and Dynamics 2023 7290-7296

Article

Influence of Cation Porphyrins on DNA Damage during Irradiation by X-rays

L. Aloyan, A. Avetisyan, V. Arakelyan, H. Margaryan

Journal of Physics: Conference Series 2023 012009

Article

FLAP Collaboration: Tasks and Perspectives. Study of Fundamentals and New Applications of Controllable Generation of Electromagnetic Radiation by Relativistic Electrons Using Functional Materials

L. Aloyan, A. Avetisyan, Y. Dalyan, L. Grigoryan, N. Karapetyan, V. Kocharyan, A. Mkrtchyan,

A. Movsisyan, A. Saharian, A. Shahbazyan, A. Baldin, 37

Physics of Particles and Nuclei Letters 2021 338–353

Article

Thermodynamics of interaction of meso-tetra-(4-Noxyethylpyridyl) porphyrin and its Cu(II)- and Co(II)- containing derivatives with A and B forms of DNA

Ani A. Avetisyan, Ishkhan V. Vardanyan, Yeva B. Dalyan

Journal of Porphyrins and Phthalocyanines 2017 731-738

Article

INTERACTION OF TOEPyP4 PORPHYRIN WITH A FORM OF DNA.

A. A. Avetisyan

Proceedings of the YSU A. Physical and Mathematical Sciences 2014 43-48

<http://www.y-su.am/science/en/journals>

Article

THERMODYNAMICS OF INTERACTIONS OF CoTOEPyP4 PORPHYRIN WITH A-DNA.

A.A. Avetisyan, Ye.B. Dalyan

Proceedings of the YSU B: Chemical and Biological Sciences 2014 40-45

<http://www.y-su.am/science/hy/journals>

Article

The stability of DNA-porphyrin complexes in the presence of Mn(II) ions.

G. Ananyan, A. Avetisyan, L. Aloyan, Y. Dalyan

Biophysical Chemistry 2011 96-101

<http://www.elsevier.com/locate/biophyschem>

Conference

The comparative study of H₂TOEPyP₄ and CoTOEPyP₄ porphyrins with A-DNA

A. Avetisyan, Y. Dalyan

Conference

The comparative study of CuTOEPyp₄-porphyrin with A- and B-forms of DNA

A.A.Avetisyan, Y.B.Dalyan

Conference

The effect of the molecular mass of PEG on the nature of its interaction with DNA

Ani A. Avetisyan, Gayane V. Ananyan, Vigen G. Barkhudaryan

Conference

Influence of Cation Porphyrins on DNA Damage during Irradiation by X-rays

L.R. Aloyan, A.A. Avetisyan, V.B. Arakelyan, H.G. Margaryan

Conference

The Influence of Porphyrins on DNA Damage Induced by Electron Beam

L. Aloyan, V. Arakelyan, A. Avetisyan, H. Margaryan
