

Publications

Article

Influence of Cu L-Histidinate Schiff Base Derivatives on Structural Features of Irradiated Rat's DNA

Nelli H. Karapetyan, Samvel G. Haroutiunian, Gayane V. Ananyan

Cell Biochemistry and Biophysics 2024 2557-2565

Article

ANTICANCER EFFECT OF AgTQEPyP4 PORPHYRIN

N. H. KARAPETYAN, G. V. ANANYAN, S. G. HAROUTIUNIAN

ԵՊՀ գիտական տեղեկագիր. Քիմիա և կենսաբանություն: 2023 41-53

Article

Structural Transitions in Complementary G-Rich and C-Rich Strands and Their Mixture at Various pH Conditions

Yeva B. Dalyan, Ishkhan V. Vardanyan, Samvel G. Haroutiunian, Milena Kh. Badalyan

ACS Omega 2023 47051-47056

Article

НОВАЯ МОДЕЛЬ РЕЙТИНГОВОГО ФИНАНСИРОВАНИЯ НАУЧНЫХ ОРГАНИЗАЦИЙ АРМЕНИИ

Մ. Ա. Տարգսյան, Թ. Ս. Արությունյան, Վ. Ա. Տաակյան, Ս. Գ. Արությունյան

Библиосфера 2019 85-92

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ПЛАВЛЕНИЕ ДНК ОПУХОЛЕНОСЯЩИХ КРЫС, ЛЕЧЕННЫХ мезо-ТЕТРА(4-N-ГИДРОКСИЭТИЛПИРИДИЛ)ПОРФИРИНОМ И ЕГО Ag-, Zn-, Co-ПРОИЗВОДНЫМИ

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Биофизика (Biophysics) 2017 458-463

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Dose-rate effect of ultrashort electron beam radiation on DNA damage and repair in vitro

Nelly Babayan, Galina Hovhannisyanyan, Bagrat Grigoryan, Ruzanna Grigoryan, Natalia Sarkisyan,

Gohar Tsakanova, Samvel Haroutiunian, Rouben Aroutiounian

Journal of Radiation Research 2017 894-897

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Two-photon microscopy imaging of oxidative stress in human living erythrocytes.

GOHAR TSAKANOVA, ELINA ARAKELOVA, VIOLETTA AYVAZYAN, ANNA AYVAZYAN, STEPAN TATIKYAN,

ROUBEN AROUTIOUNIAN, YEVA DALYAN, SAMVEL HAROUTIUNIAN, VASIL TSAKANOV, ARSEN ARAKELYAN

BIOMEDICAL OPTICS EXPRESS 2017 5834-5846

Article

Investigation of irradiated rats DNA in the presence of Cu(II) chelates of amino acids Schiff bases

N.H. Karapetyan, A.L. Torosyan, M. Malakyan, S.A. Bajinyan, S.G. Haroutiunian

Journal of Biomolecular Structure and Dynamics 2016 177-183

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Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment
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Development of viscometric methods for studying the interaction of various porphyrins with DNA. Part I: meso-tetra-(4N-hydroxyethylpyridyl) orphyrin and its Ni-, Cu-, Co- and Zn-containing derivatives

V.G. Barkhudaryan, G.V. Ananyan, Y.B. Dalyan, S.G. Harutunyan

Journal of Porphyrins and Phthalocyanines 2014 594-599

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Influence of Amino Acids Schiff Bases on Irradiated DNA Stability In Vivo

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EVALUATION OF ERRORS IN DETERMINATION OF DNA MELTING CURVE REGISTERED WITH DIFFERENTIAL SCANNING CALORIMETRY

D.Y. LANDO, I.E. GRIGORYAN, A.S. FRIDMAN, E.N. GALYUK, Y.B. DALYAN, S.G. HAROUTIUNIAN

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COMPARATIVE ANALYSIS OF THE EFFECTS OF PLATINUM COMPOUNDS ON THERMOSTABILITY OF DNA

I. E. GRIGORYAN, Ye. B. DALYAN, S. G. HAROUTIUNIAN

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Влияние малых концентраций cis-DDP на адсорбцию лигандов на ДНК

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The Pseudo-ring structures formation in DNA complexes with covalently binding ligands

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Հայաստանի կենսաբանական հանդես 2008 162-166

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Microcalorimetric Investigation of DNA, poly(dA)poly(dT) and poly[d(A-C)]poly[d(G-T)]

Melting in the Presence of Water Soluble (Meso tetra (4 N oxyethylpyridyl) Porphyrin) and its Zn Complex

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Journal of Biomolecular Structure and Dynamics 2008 419-424

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Compensation of DNA Stabilization and Destabilization Effects Caused by Cisplatin is Partially Disturbed in Alkaline Medium

Elena N. Galyuk, Alexander S. Fridman, Vladimir I. Vorobev, Samvel G. Haroutiunian,

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In vitro testing of cyto- and genotoxicity of new porphyrin water-soluble metal derivatives

Gennadi Gasparyan, Galina Hovhannisyan, Robert Ghazaryan, Lida Sahakyan, Artak Tovmasyan,

Rusanna Grigoryan, Natalia Sarkissyan, Samvel Haroutiunian, Rouben Aroutiounian

International Journal of Toxicology 2007 497-502

Conference

The features of complexformation of poly(dI-dC) 2 with porphyrins

Gayane V. Ananyan, Nelli H. Karapetyan, Samvel G. Haroutiunian, Yeva B. Dalyan

Conference

Лечение опухоленосащих крыс мезо-тетра(4N-гидроксиэтилпиридил) порфиринами H₂TOEtPyP₄ и AgTOEtPyP₄

Карапетыан Н.Г., Ананян Г.В., Далян Е.Б., Арутюнян С. Г.

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Genetic effects: DNA radiation damage and repair

R. Aroutiounian, G. Hovhannisyan, B. Grigoryan, G. Tsakanova, S. Haroutiunian, T. Harutyunyan,

N. Babayan

Conference

The influence of CuTOEPyP₄ porphyrin on DNA damage induced by high energy electron beam radiation.

L. R. Aloyan, Y. B. Dalyan, S.G Haroutiunian

Conference

The influence of FeTOEPyP₄ porphyrins on DNA damage induced by high energy electron beam radiation.

L.R. Aloyan, Y.B. Dalyan, S.G. Haroutiunian

Conference

**INFLUENCE OF CATION PORPHYRINES ON DNA DAMAGE DURING ELECTRON BEAM
IRRADIATION**

L.R. Aloyan, Y.B. Dalyan, S.G. Haroutiunian
