

Publications

Article

ANTICANCER EFFECT OF AgTOEPyP4 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. Շ. Արությունյան, Վ. Ա. Տաակյան, Շ. Գ. Արությունյան

Библиосфера 2019 85-92

Article

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

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

Биофизика (Biophysics) 2017 458-463

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Article

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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Article

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 Shiff Bases on Irradiated DNA Stability In Vivo

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

Cell Biochemistry and Biophysics 2013 1137-1145

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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

В. Б. Аракелян, С. Г. Арутюнян, Г. С. Саркисян, П. О. Вардеванян

Հայաստանի կենսաբանական հանդես 2008 175-182

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

S. G. Haroutiunyan, Sh. A. Sargsyan, A. P. Antonyan

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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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, Shushanik A. Sargsyan, Maryna M. Hauruk, Dmitri Y. Lando

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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

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

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

Conference

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
