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In this issue

Research Article

Open Access Research Article PTZAID:AAP-2-108

Boerhaavia diffusa L. Supplementation Attenuates Fluoride Induced Testicular Impairments in rats

Published On: November 07, 2017 | Pages: 027 - 035

Author(s): Shashi A, Khan I

The present study investigated the effect of oral administration of sodium fl uoride on testicular histopathology of rats and evaluated ameliorative effect of Boerhaavia diffusa L. Adult male rats weighing 100-150g were administered with sodium fl uoride (NaF) at three different doses 100, 200 and 300 ppm/ kg body weight, orally, daily for 40 days. At the end of th ...

Abstract View Full Article View DOI: 10.17352/aap.000008

Open Access Research Article PTZAID:AAP-2-105

Postnatal Changes in the Morphology of the Myocardium in Rat Ventricles

Published On: March 10, 2017 | Pages: 011 - 017

Author(s): Georgi Kotov, Alexandar Iliev*, Boycho Landzhov, Lazar Jelev1, Iva N. Dimitrova, Dimka Hinova-Palova

Background: Aging of the myocardium is a dynamic process which involves progressive loss of cardiomyocytes due to necrosis and apoptosis, interstitial fi brosis and reactive hypertrophy of the remaining vital cardiomyocytes. In our study, we investigated the postnatal changes in the myocardium of 15 adult male Wistar rats, distributed in the following age groups: 2 ...

Abstract View Full Article View DOI: 10.17352/aap.000005

Open Access Research Article PTZAID:AAP-2-104

Circadian Variations of Serum Mitochondrial Uncoupling Protein 1 (UCP1) Levels and Rectal Temperature in Capra Hircus

Published On: February 07, 2017 | Pages: 007 - 010

Author(s): Francesca Arfuso, Claudia Giannetto, Francesco Fazio, Maria Rizzo, Concetta Saoca and Giuseppe Piccione*

The daily rhythm of body temperature is an important process to be studied not only to advance knowledge on the temporal variability of thermal homeostasis but also has a means to facilitate the study of biological rhythmicity in general. The aim of the present study was to study the daily rhythm of rectal temperature and the changes in the serum levels of mitochon ...

Abstract View | Full Article View | DOI: 10.17352/aap.000004

Open Access Research Article PTZAID:AAP-2-103

Ischemical Problems after Filler Injections: Anatomical Details and Practical Guide Lines to Avoid Disasters

Published On: February 07, 2017 | Pages: 001 - 006

Author(s): Redaelli Alessio*, Battistella Melania and Aleksey A Ivanov

Introduction: Soft-tissue fi ller injection is a very common procedure all around the world. Although the safety profi le for these products is favorable, adverse events can occur, ranging from mild to severe in intensity. ...

Abstract View | Full Article View | DOI: 10.17352/aap.000003

Review Article

Open Access Review Article PTZAID:AAP-2-109

Protective and curative effects of Boerhaavia diff usa L. against fl uoride induced renal oxidative stress and antioxidant enzymes in rats

Published On: December 30, 2017 | Pages: 036 - 041

Author(s): Shashi A* and Jawant Kaur

This work elucidated the protective effect of leaf extract of the Boerhaavia diffusa L. (punarnava) on kidney damage following fl uoride administration in rats. Forty eight rats were randomly divided into eight group's six rats in each. Group I was administered deionized water orally served as control. Group II and III were administered with 300 and 600 ppm NaF/kg ...

Abstract View | Full Article View | DOI: 10.17352/aap.000009

Open Access Review Article PTZAID:AAP-2-107

Nitric oxide functions in the heart

Published On: September 15, 2017 | Pages: 020 - 026

Author(s): Tarik Kivrak*, Kenan Erdem and Ilgin Karaca

Nitric oxide (NO) is an important organizer of the cardiovascular function and is an important mechanism in hampering the pathogenesis of the diseased heart. The scenario of bioavailable NO in the myocardium is complicated: 1) NO obtain from both endogenous and exogenous NO synthases (NOSs) and the number of NO from exogenous sources varies considerably ...

Abstract View Full Article View DOI: 10.17352/aap.000007

Case Report

Open Access Case Report PTZAID:AAP-2-106

Double outlet right ventricle, total anomalous venous return, total anomalous hepatic venous drainage and supra mitral ring in a child with Ivemark`s syndrome

Published On: July 20, 2017 | Pages: 018 - 019

Author(s): Girish Gowda SL*, Seetharama Bhat PS, Jayaranganath Mahimarangaiah and Cholenahally NM

Double outlet right ventricle, total anomalous venous return, total anomalous hepatic venous drainage and supra mitral ring with Ivemark syndrome is an unusual combination of cardiac malformations. These complexities of congenital anomalies can pose problem in preoperative diagnosis and surgical management. ...

Abstract View Full Article View DOI: 10.17352/aap.000006