

LS-11. Physiology and pathology

8 September, 17:00 - 19:00 / 9 September, 16:30 - 18:30

LS-11-P-1431

Detection of Survivin in the Skin of Male Albino Rats at Different Ages: Histological and Immunohistochemical Study.

Presenting author: **Ghallab A. M.**

Authors: Ghallab A. M., Salama N. M., Sayed S. S., Ghaith S. M.

LS-11-P-1508

Pre-suckling calcium supplementation prevents bone microstructural defect in lactating rats

Presenting author: **Suntornsaratoon P.**

Authors: Suntornsaratoon P., Krishnamra N., Charoenphandhu N.

LS-11-P-1513

Aberrant growth plate histology and bone cortical impairment in diabetic rats

Presenting author: **Charoenphandhu N.**

Authors: Charoenphandhu N., Lapmanee S., Aeimlapa R., Krishnamra N.

LS-11-P-1519

Defective bone microstructure in the tibial secondary spongiosa of Goto-Kakizaki diabetic rats

Presenting author: **Wongdee K.**

Authors: Wongdee K., Suntornsaratoon P., Aeimlapa R., Krishnamra N.,

LS-11-P-1590

Investigation of the membrane effects and mode of action of the synthetic peptides Os and Os-C

Presenting author: **Taute H.**

Authors: Taute H., Bester M. J., Gaspar A. R., Neitz A. W.

LS-11-P-1604

Melatonin promotes beneficial Mitofusin 2 in obese mice kidney

Presenting author: **Stacchiotti A.**

Authors: Favero G., Stacchiotti A., Lavazza A., Rodella L. F., Rezzani R.

LS-11-P-2021

Investigation of the effect of Sibutramine on platelets and fibrin networks of male Sprague Dawley rats

Presenting author: **Van Der Schoor C.**

Authors: Van der Schoor C., Oberholzer H. M., Bester M. J., Van Rooy M.

LS-11-P-2186

Fumonisin B1 alters the expression of cyclin-dependent kinases (CDK) and CDK inhibitors in mouse liver

Presenting author: **Lee S.**

Authors: Lee S., Yang S., Han K.

LS-11-P-2266

In vitro electrophysiology of human myometrial telocytes

Presenting author: **Cretoiu D.**

Authors: Radu B. M., Cretoiu S. M., Banciu A., Banciu D. D., Cretoiu D., Popescu L. M.,

LS-11-P-2301

Transplantation of olfactory ensheathing cells and aFGF promotes functional recovery and remyelination in rats with chronic complete spinal cord sections

Presenting author: **Botero L.**

Authors: Botero L., Gómez R. M., Chaparro O.

LS-11-P-2373

The effect of oxytocin treatment on streptozotocin (STZ) - induced diabetic adult rat liver.

Presenting author: **Arbak S.**

Authors: Köroğlu P., Bulan Ö., Bingöl Özakpınar Ö., Uras F., Arbak S.

LS-11-P-2419

The influence of the local treatment with simvastatin in the collagen organization during tendon healing

Presenting author: **Oliveira L. P.**

Authors: Oliveira L. P., Guerra F. D., Vieira C. P., Almeida M. S., Salgado C. M., Simões G. F., Oliveira A L R, Pimentel E. R.

LS-11-P-2509

Acute Effects of Different Resuscitation Fluids on Renal Tissue in a Rat Model of Endotoxemia

Presenting author: **Kandil A.**

Authors: Kandil A., Ergin B., Silke B., Corrina L., Demirci-Tansel C., Ince C.

LS-11-P-2530

The Effects of Resveratrol on Cyclophosphamide-Induced Ovarian Damage in Rats

Presenting author: **Ahishali B.**

Authors: Ozdemir U., Ozyaman S., Ahishali B.

LS-11-P-2574

Dominici staining in the observation of inflammatory infiltrate caused by a new acidic bothropic PLA2

Presenting author: **Marques P. P.**

Authors: Marques P. P., Guerra F. D., Esteves A., Ponce-Soto L. A., Marangoni S.

LS-11-P-2593

The effects of ozone therapy on inflammatory response associated with traumatic spinal cord injury in cutaneous wound healing in rats

Presenting author: **Uslu S.**

Authors: Irban A., Uslu S., Emon Tural S., Aydınlar Ilgaz E., Can O., Ozpinar A.

LS-11-P-2647

Polarization microscopy and birefringence analysis as a tool to evaluate the best treatment protocol for Achilles tendon injuries

Presenting author: **Guerra F. D.**

Authors: Guerra F. D., Marques P. P., Vieira C. P., Oliveira L. P., Almeida M. S., Rossi Junior W. C., Esteves A., Soares E. A., Pimentel E. R.

LS-11-P-2656

The role of Notch signaling pathway in endometrial cycle

Presenting author: **Tanriverdi G.**

Authors: Tanriverdi G., Gumusel A., Ilvan S., Guzel E. E.

LS-11-P-3215

Expression levels and localizations of Notch-3 and Notch-4 proteins in different menstrual phases of human endometrial tissues

Presenting author: **Ozkan S.**

Authors: Tanriverdi G., Ozkan S., Gumusel A., Ilvan S., Guzel E. E.

LS-11-P-3333

Immunological microenvironment is shaping the collagen structures evidenced by SHG imaging

Presenting author: **Chernyavskiy O.**

Authors: Chernyavskiy O., Kubínová L., Stakveev D., Vannucci L.

LS-11-P-3354

The Effects of Retinoic Acid on Renal Cells in Mice

Presenting author: **Tapul L.**

Authors: Kotil T., Erdogan A., Ozdemir I., Mutlu H. S., Sarioglu T., Tapul L.

LS-11-P-3368

AFM observation of changes in the extracellular matrix of articular cartilage in Wistar rats with experimental osteoarthritis.

Presenting author: **Miranda - Sánchez M. M.**

Authors: Miranda - Sánchez M. M., Fragoso- Soriano R., Martínez- Calleja A., Kouri J. B.

LS-11-P-3388

Menisectomized mini-pigs develop articular cartilage pathology resembling osteoarthritis

Presenting author: **Cruz R.**

Authors: Cruz R., Ramírez C., Rojas O. I., Casas- Mejía O., Kouri J. B., Vega- López M. A.

LS-11-P-3392

AIDPATH – Digital Pathology Tools from and for Academia and Industry Collaboration

Presenting author: **Fernández M. M.**

Authors: Bueno G., Fernández M. M., Womack C., Segers D., Ecker R., Costello S., Della Mea V., Carasevici E., Ilyas M., Qiu G., González L., Laurinavicius A.0, Schaefer G., García-Rojo M., Déniz O.

LS-11-P-3422

Ultrastructure of the Thyroid gland in the West African dwarf goat (Capra Hircus)

Presenting author: **Bello U. M.**

Authors: Igbokwe C. O., Ezeasor N. D., Bello U. M.

LS-11-P-3498

ULTRASTRUCTURAL STUDY OF THE EFFECT OF Tityus sp SCORPION VENOM ON CARDIAC TISSUE OF WISTAR RATS Rattus norvegicus.

Presenting author: **Mosquera Sanchez L. P.**

Authors: Bolaños Burgos I. C., Mosquera Sanchez L. P., Ceballos Mendoza A. J., Guerrero-Vargas J. A.

LS-11-P-3533

Hepatocytes and liver hemopoietic cells responses to mild and severe hyperoxia in newborn rats

Presenting author: **Zara S.**

Authors: Zara S., De Colli M., Marconi G. D., Di Valerio V., Rapino M., Zaramella P., Dedja A., De Caro R., Porzionato A., Cataldi A.

LS-11-P-5824

VASCULAR COMPLICATIONS LINKED TO ALZHEIMER'S DISEASE

Presenting author: **Bester J.**

Authors: Bester J., Buys A. V., Lipinski B., Kell D. B., Pretorius E.

LS-11-P-5830

Immunohistochemical selection of tumor antigens as potential targets for non-small cell lung cancer immunotherapy.

Presenting author: **Blanco R.**

Authors: Blanco R., Renfigo C. E., Cedeño M., Blanco D., Frómata M., Carr A., Renfigo E.

LS-11-P-5835

Melatonin, quercetin and resveratrol attenuates oxidative stress and hepatocellular injury in streptozotocin-induced diabetic rats

Presenting author: **Esrefoglu M.**

Authors: Elbe H., Esrefoglu M., Vardi N., Taslidere E., Ozerol E., Tanbek K.

LS-11-P-5846

Vascular aging and melatonin beneficial effects

Presenting author: **Favero G.**

Authors: Favero G., Franceschetti L., Rossini C., Stacchiotti A., Rodella L. F., Rizzoni D., Rezzani R.

LS-11-P-5875

Transmission electron microscopy (TEM) characterization of diabetic nephropathy in streptozotocin-induced diabetes in rats

Presenting author: **Petrushevska M.**

Authors: Petrushevska M., Zafirov D., Labacevski B., Labacevski N., Trojancanec - Pavlovska J.

LS-11-P-5899

Association of protein kinase B (Akt) isoforms with subcellular compartments in the left and right ventricles of rat heart adapted to hypoxia

Presenting author: **Zurmanova J.**

Authors: Zurmanova J., Hornikova D., Kolar F., Elsnicova B.

LS-11-P-5901

Participation of p53 in the remodeling of the actin cytoskeleton in metastases

Presenting author: **Reyes-Ábalos A. L.**

Authors: Reyes-Ábalos A. L., Villar Arias S.

LS-11-P-5902

Quantitative assessment of microvascular networks using optical imaging and image analysis technologies

Presenting author: **Kostromina E.**

Authors: Kostromina E.

LS-11-P-5909

Protective Effects of Quercetin in Cisplatin Induced Urinary Bladder Damage in Rats

Presenting author: **Köroğlu M. K.**

Authors: Çadircı S., Köroğlu M. K., Ercan F., Şener G.

LS-11-P-5911

Protective effects of exercise and caloric restriction on cardiovascular system in aged rats: Morphological and biochemical study

Presenting author: **Köroğlu M. K.**

Authors: Macit Ç., Çadircı S., Köroğlu M. K., Ercan F., Şener G.

LS-11-P-5922

The Anti-inflammatory Effects of The Cholinergic Pathway on Pancreaticobiliary Duct Ligation-Induced Acute Pancreatitis in Rats

Presenting author: **Kolbasi B.**

Authors: Kolgazi M., Kolbasi B., Guleken Z., Atsız A., Başbüyük C. S., Boz İ. B., Küçükali B., Ercan F., Yeğen B. Ç.

LS-11-P-5932

Resveratrol Protects Against Experimental Induced-Reye's Syndrome by Prohibition of Oxidative Stress and Restoration of Complex I Activity

Presenting author: **Sarhan N. I.**

Authors: Abdeen A. A., Sarhan N. I.

LS-11-P-5936

Protective Effects of Resveratrol in Cisplatin Induced Testis Damage in Rats

Presenting author: **Özyılmaz Yay N.**

Authors: Özyılmaz Yay N., Şener G., Ercan F.

LS-11-P-5939

Apocynin Attenuates Testicular Ischemia-Reperfusion Injury in rats: Morphological and Biochemical Study

Presenting author: **Özyılmaz Yay N.**

Authors: Şener T. E., Yakıncı Ö. F., Yüksel M., Özyılmaz Yay N., Ercan F., Akbal C., Şimşek F., Şener G.

LS-11-P-6030

Acute Effects of Resuscitation Crystalloid Fluids on Renal Tissue in a Rat Model of Hemorrhagic Shock and Liver Resection

Presenting author: **Kapucu A.**

Authors: Kapucu A., Kandil A., Ergin B., Demirci-Tansel C., Ince C.

LS-11-P-6063

Binucleation of rat right ventricle cardiomyocyte induced by chronic modulation of nitric oxide system and cold acclimation

Presenting author: **Hmaid A.**

Authors: Hmaid A., Markelic M., Otasevic V., Korac B., Jankovic A., Korac A.