

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 54287

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

**Liglipitin in the treatment of type 2 diabetes mellitus with early renal injury
and its effect on endogenous H₂S and endothelial function**

Zhang J *et al.* Liglipitin in the treatment of T2DM with early renal injury

Jian Zhang, Yong-Li Du, Hui Zhang, Hong Sui, Wei-Kai Hou

Abstract

BACKGROUND

Match Overview

1 **Crossref** 29 words
Le Wang, Qingyao Shang, Wenxuan Guo, Xiaoli Wu, Lingwei Wu, Lan Wu, Tingtao Chen. "Evaluation of the hypoglycemia

1%



Liglipitin in the treatment of type 2 diabetes mellitus with



ALL

IMAGES

VIDEOS

26,300 Results

Any time ▾

Update on the treatment of type 2 diabetes mellitus

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5027002>

Sep 15, 2016 - At present there are different treatments, both oral and injectable, available for the treatment of **type 2 diabetes mellitus** (T2DM). Treatment algorithms designed to reduce the development or progression of the complications of **diabetes** emphasizes the ...

Author: Juan José Marín-Peñalver, Iciar Martín... Publish Year: 2016

Endothelial dysfunction in diabetes mellitus

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2350146>

Diabetes mellitus is associated with an increased risk of cardiovascular disease, even in the presence of intensive glycemic control. Substantial clinical and experimental evidence suggest that both **diabetes** and insulin resistance cause a combination of **endothelial** dysfunctions, which may diminish the anti-atherogenic role of the vascular endothelium.

Author: Hadi Ar Hadi, Jassim Al Suwaidi Publish Year: 2007

Hydrogen Sulfide Improves Wound Healing via ... - Diabetes

<https://diabetes.diabetesjournals.org/content/63/5/1763> ▾

May 01, 2014 - Impaired angiogenesis and its induced refractory wound lesions are common complications of **diabetes**. Hydrogen sulfide (H₂S) has been reported to have proangiogenic effects. We hypothesize that H₂S improves diabetic wound healing by restoring **endothelial** progenitor cell (EPC) function in **type 2 diabetes**. db / db Mice were treated with sodium hydrosulfide (NaHS), 4-hydro ...

Author: Fang Liu, Dan-Dan Chen, Xin Sun, He... Publish Year: 2014

Exogenous hydrogen sulfide (H₂S) improves the endothelial ...

<https://www.researchgate.net/publication/233910072>...

Exogenous hydrogen sulfide (H₂S) improves the **endothelial** and renal excretory functions in streptozotocin induced wky diabetic rats

Sulphonylurea monotherapy for patients with type 2 ...

onlinelibrary.wiley.com/doi/10.1002/14651858.CD009008.pub2/references

Sulphonylurea monotherapy for patients with **type 2 diabetes mellitus**. Bianca ... et al. Influence of glucose control and improvement of insulin resistance on microvascular blood flow and **endothelial** function in patients with **diabetes mellitus** ... in the treatment of **type 2 diabetes mellitus** patients



27,100 Results

Any time ▾

Linagliptin affects IRS1/Akt signaling and prevents high ...

<https://www.nature.com/articles/s41598-020-62579-7>

12 days ago · Linagliptin **and its** effects on hyperglycaemia and albuminuria in patients with **type 2 diabetes** and **renal** dysfunction: the randomized MARLINA-T2D trial. **Diabetes** ... +

Hydrogen Sulfide: Recent Progression and Perspectives for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6696501>

Aug 06, 2019 · 1. Introduction. Diabetic kidney **injury** is a leading cause of end-stage **renal** failure, predominantly due to the increase of **diabetes** and obesity [1,2].Diabetic kidney ... +

Author: Hai-Jian Sun, Zhi-Yuan Wu, Lei Cao, ... **Publish Year:** 2019

Roles of Hydrogen Sulfide in the Pathogenesis of Diabetes ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4701125>

Jul 01, 2012 · Recent Advances. Changes in the balance of **hydrogen sulfide** (H₂S) play an important role in the pathogenesis of β-cell dysfunction that occurs in response to **type 1** and ... +

Cited by: 145 **Author:** Csaba Szabo

Publish Year: 2012

Impact of teneligliptin on oxidative stress and ...

<https://cardiab.biomedcentral.com/articles/10.1186/s12933-016-0396-3>

May 17, 2016 · The aim of the present study was to elucidate the **effect** of teneligliptin on oxidative stress and **endothelial function** in Japanese patients with **type 2 diabetes** and ... +

Cited by: 14 **Author:** Masaaki Sagara, Kunihiro Suzuki, Chie A...

Publish Year: 2016

Roles of Hydrogen Sulfide in the Pathogenesis of Diabetes ...

<https://www.liebertpub.com/doi/abs/10.1089/ars.2011.4451>

May 07, 2012 · Significance: **Diabetes and its** complications represent a major socioeconomic problem.Recent Advances: Changes in the balance of **hydrogen sulfide** (H₂S) ... +

Cited by: 145 **Author:** Csaba Szabo

Publish Year: 2012

Hydrogen Sulfide Improves Wound Healing via ... - Diabetes