

Match Overview

1	Internet 180 words crawled on 28-Jul-2020 f6publishing.blob.core.windows.net	4%
2	Internet 89 words crawled on 13-Mar-2020 www.wjgnet.com	2%
3	Crossref 87 words Erfei Luo, Dong Wang, Gaoliang Yan, Yong Qiao, Boqian Z hu, Bo Liu, Jiantong Hou, Chengchun Tang. "The NF- κ B/mi	2%
4	Internet 51 words crawled on 22-Aug-2019 onlinelibrary.wiley.com	1%
5	Crossref 45 words Kangling Xie, Ying Cai, Pu Yang, Feng Du, Kai Wu. "Upreg ulating microRNA-874-3p inhibits CXCL12 expression to pr	1%
6	Crossref 30 words Zheyu Shen, Jibin Song, Bryant C. Yung, Zijian Zhou, Aig...	1%

1
Name of Journal: *World Journal of Diabetes*

Manuscript NO: 57891

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Role of ferroptosis in the process of diabetes-induced endothelial dysfunction

Er-Fei Luo, Hong-Xia Li, Yu-Han Qin, Yong Qiao, Gao-Liang Yan, Yu-Yu Yao, Lin-Qing
Li, Jian-Tong Hou, Cheng-Chun Tang, Dong Wang



国内版

国际版

Role of ferroptosis in the process of diabetes-induced endothelial d



Chat with Bing

Sign in



ALL

IMAGES

VIDEOS

245,000 Results

Any time ▾

Endothelial Dysfunction in Diabetes | Diabetes Care

https://care.diabetesjournals.org/content/34/Supplement_2/S285 ▾

May 01, 2011 · This result suggests that abnormalities in carbohydrate metabolism form a continuum that progressively worsens cardiovascular health; the first step of the adverse sequence of events that leads to the atherosclerotic **process** is thought to be **endothelial dysfunction** (2). Vascular **endothelial** cells play a major **role** in maintaining cardiovascular ...

Cited by: 309

Author: Angelo Avogaro, Mattia Albiero, Lisa Men...

Publish Year: 2011

Endothelial dysfunction in diabetes

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1572156>

Studies investigating **endothelial** function in animal models of type II diabetes are scarce and have yielded conflicting results. Both impaired (Sakamoto et al., 1998) and preserved (Bohlen & Lash, 1995) endothelium-dependent responses have been reported. Clinical studies in patients with type II diabetes are almost inevitably confounded by the high prevalence of other cardiovascular risk ...

PM2.5 induces ferroptosis in human endothelial cells ...

<https://www.sciencedirect.com/science/article/pii/S0269749119315155>

Endothelial dysfunction

Systemic Pathological State

In vascular diseases, endothelial dysfunction is a systemic pathological state of the endothelium. Along with acting as a semi-permeable membrane, the endothelium is responsible for maintaining vascular tone and regulating oxidative stress by releasing mediators, such as nitric oxide, prostacyclin and endothelin, and controlling local angiotensin-II activity.



Data from: Wikipedia

[Suggest an edit](#)

Search Tools

Role of ferroptosis in the process of diabetes-induced endothelial d



ALL

IMAGES

VIDEOS

214,000 Results

Any time ▼

[Endothelial Dysfunction in Diabetes | Diabetes Care](#)

https://care.diabetesjournals.org/content/34/Supplement_2/S285 ▼

May 01, 2011 · This result suggests that abnormalities in carbohydrate metabolism form a continuum that progressively worsens cardiovascular health; the first step of the adverse sequence of events that leads to the atherosclerotic **process** is thought to be **endothelial dysfunction** (2). Vascular **endothelial** cells play a major **role** in maintaining cardiovascular ...

Cited by: 352

Author: Angelo Avogaro, Mattia Albiero, Lisa Men...

Publish Year: 2011

[Inhibition of ferroptosis alleviates atherosclerosis ...](#)

<https://www.sciencedirect.com/science/article/pii/S089158492031162X>

Nov 20, 2020 · These oxidized lipids have been proved that they are involved in the endothelial dysfunction and **inflammation**, which play the crucial roles in pathogenesis of AS [9,10]. Ferroptosis is a type of regulated cell death that is mainly mediated by iron-dependent lipid peroxidation [11].

Cited by: 1

Author: Tao Bai, Mingxing Li, Yuanfeng Liu, Zhent...

Publish Year: 2020

ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

216,000 Results

Any time ▾

Endothelial Dysfunction in Diabetes | Diabetes Care

https://care.diabetesjournals.org/content/34/Supplement_2/S285 ▾

May 01, 2011 · This result suggests that abnormalities in carbohydrate metabolism form a continuum that progressively worsens cardiovascular health; the first step of the adverse sequence of events that leads to the atherosclerotic **process** is thought to be **endothelial dysfunction** (2). Vascular **endothelial** cells play a major **role** in maintaining cardiovascular ...

Cited by: 352

Author: Angelo Avogaro, Mattia Albiero, Lisa Mene...

Publish Year: 2011

Inhibition of ferroptosis alleviates atherosclerosis ...

<https://www.sciencedirect.com/science/article/pii/S089158492031162X>

Nov 20, 2020 · These oxidized lipids have been proved that they are involved in the endothelial dysfunction and **inflammation**, which play the crucial roles in pathogenesis of AS [9,10]. Ferroptosis is a type of regulated cell death that is mainly mediated by iron-dependent lipid peroxidation [11].

Cited by: 1

Author: Tao Bai, Mingxing Li, Yuanfeng Liu, Zhenta...

Publish Year: 2020

PM2.5 induces ferroptosis in human endothelial cells ...

<https://www.sciencedirect.com/science/article/pii/S0269749119315155>

Nov 01, 2019 · PM2.5 enhances **ferroptosis** sensitivity in **endothelial** cells. • **Dysfunction** of iron uptake and storage is a major inducer **of ferroptosis** by PM2.5. • PM2.5-induced **ferroptosis** can be partially rescued by ferrostatin-1 and deferoxamine mesylate. • Antiferroptosis activity mainly depends on the restoration of antioxidant activity and iron ...

Cited by: 16

Author: Yan Wang, Meng Tang

Publish Year: 2019

Endothelial dysfunction

Systemic Pathological State

In vascular diseases, endothelial dysfunction is a systemic pathological state of the endothelium. Along with acting as a semi-permeable membrane, the endothelium is responsible for maintaining vascular tone and regulating oxidative stress by releasing mediators, such as nitric oxide, prostacyclin and endothelin, and controlling local angiotensin-II activity.

 Wikipedia

Data from: Wikipedia

[Suggest an edit](#)

PEOPLE ALSO ASK