SCI写作高大上句型1000例—901-1000

901、Our studies suggest the possibility that fish oil–rich diets currently recommended for treatment of atherosclerotic CVD42,43 could be particularly beneficial for CVD in obesity and type 2 diabetes.

902、Additional studies will be needed however to determine the exact mechanisms responsible for the associations between…and…

903、Furthermore, these findings suggest a novel mechanism by which the central nervous system could potentially influence atherogenesis,。。

904、One of special interest to TS anti–atherogenicity is the finding that…

905、By contrast, in the atherosclerotic ApoE-KO mice (that are under high oxidative stress), absence of the a7nAchr increased the macrophage uptake of ‘‘native” LDL, but not that of ‘‘oxidized” LDL. While these results appear to be paradoxical, the discrepancy may be explained by peculiarities of the assays used to measure‘‘native” and ‘‘oxidized” LDL uptake.

906、Finally, several limitations to the present study should be considered. First, the experiments were conducted in a small number of animals, and even though all mice in each group demonstrated a very similar atherogenic pattern, we may have lacked statistical power to detect differences in some of our outcome variables. Second, while the changes we observed in macrophage phenotype suggest that thea7nAchr has an atheroprotective function, this needs to be directly tested by measuring atherosclerosis lesion size in a larger group of animals, which we are currently planning. Third, additional studies are needed to assess mechanisms for the potentially atheroprotective effects that were noted, particularly to determine if the differences in macrophage phenotype are directly mediated by the a7nAchr, or indirectly mediated via its well established effects on macrophage inflammatory cytokine production

907、In summary, we demonstrated that a clear feature of foam cell formation, and

a hallmark of early atherosclerosis development. These findings suggest that means to increase the expression and activation of the a7nAchr could have therapeutic potential.

908、Indeed, there is a large body of evidence that…. In fact, recent evidence suggests that…. In parallel, there is strong evidence that…Therefore, we reasoned in the present study that….

909、It has previously been demonstrated that….

910、Studies to assess the efficacy of …is currently underway in our lab, and initial results seem promising. What remains to be established is whether ….reduce vulnerable plaque formation in humans and, ultimately the incidence of heart attack and stroke.

911、The results from this pre-clinical trial provide compelling evidence that inhibition of…block the development of unstable plaques by reducing the generation of proinflammatory cytokines.

912、An unexpected finding of this study was….Further studies are needed to determine whether…in this experimental model.

913、These histological observations were associated with reduced ….abundance and proinflammatory gene expression in lesions of tan-treated pigs.

914、Despite the accumulating circumstantial evidence pointing to a role of ….as a culprit in unstable plaque formation, definitive proof has been lacking.

915、oxLDL is thought to play a key role in the pathogenesis of atherosclerosis. One possible mechanism involves….This study was conducted to define the mechanism by which oxldl increase….in macrophage.

916、It has been suggested that….There are no reports that address whether…..Limited information is available regarding the signaling pathways involved in….secretion by….XXX have shown a potential role for….

917、The objectives of the pesent study were to determine how…affect… and to define

the signal transduction pathways involved in enhancement of ….expression by.

918、These results demonstrate a dose-dependent increase in…and are in agreement with several previous reports in different cell types. We also found that….This suggests that….

919、Our findings with…is in line with recent results that shows…Our findings contrast somewhat with the report of…et al, who proposed that….

920、Further studies are required to define the quantitative importance of…in VEGF induction by oxLDL.

921、Our results also rule out an essential role for….The observed discrepancy between our results and previous reports could be explained by the fact that,…

922、The clinical implication of….in atherogenesis is still under debate.

923、The regulatory mechanisms involved in increased…secretion in response to oxldl have not been clearly dissected.

924、We found no evidence that….are involved.

925、Together, these findings prompted us totest whether pfn played a direct role in atherosclerotic lesion formation. To this end, we。。。To test the consequences of reduced pfn expression on atherosclerotic plaque formation,

926、Reperfusion therapy for myocardial infarction is hampered by detrimental inflammatory responses partly via Toll-like receptor (TLR) activation. Targeting TLR signaling may optimize reperfusion therapy and enhance cell survival and heart function after myocardial infarction. Here, we evaluated the role of TLR2 as a therapeutic target using a novel monoclonal anti-TLR2 antibody.

927、…experiments revealed that….is determined by…..

928、Compared with saline-treated mice, anti-TLR2–treated mice exhibited less expansive remodeling (end-diastolic volume 68.2±2.5 versus 76.8±3.5 μL; P=0.046) and preserved systolic performance. Anti-TLR2 treatment significantly reduced neutrophil, macrophage, and T-lymphocyte infiltration. Furthermore, tumor necrosis

factor-, interleukin-1, granulocyte macrophage colony-stimulating factor, and interleukin-10 were significantly reduced, as were phosphorylated c-jun N-terminal kinase, phosphorylated p38 mitogen-activated protein kinase, and caspase 3/7 activity levels.

929、Circulating TLR2 expression mediates myocardial ischemia/reperfusion injury. Antagonizing TLR2 just 5 minutes before reperfusion reduces infarct size and preserves cardiac function and geometry. Anti-TLR2 therapy exerts its action by reducing leukocyte influx, cytokine production, and proapoptotic signaling. Hence, monoclonal anti-TLR2 antibody is a potential candidate as an adjunctive for reperfusion therapy in patients with myocardial infarction.

930、…is known to play a crucial role in the…The role of HDAC3 in mature endothelial cells, however, is not well understood. Here, we investigated the function of HDAC3 in preserving endothelial integrity in areas of disturbed blood flow

931、In line with these findings,…. led to a dramatic decrease in cell survival accompanied by apoptosis in endothelial cells

932、Our findings demonstrated that HDAC3 serves as an essential prosurvival molecule with a critical role in maintaining the endothelial integrity via Akt activation and that severe atherosclerosis and vessel rupture in isografted vessels of apolipoprotein E-knockout mice occur when HDAC3 is knocked down.

933、Endothelial dysfunction is the initiating event of atherosclerosis. The expression of connexin40 (Cx40), an endothelial gap junction protein, is decreased during atherogenesis. In the present report, we sought to determine whether Cx40 contributes to the development of the disease.

934、Mice with ubiquitous deletion of Cx40 are hypertensive, a risk factor for atherosclerosis. Consequently, we generated atherosclerosis-susceptible mice with endothelial-specific deletion of Cx40 (Cx40del mice). Cx40del mice were indeed not hypertensive. The progression of atherosclerosis was increased in Cx40del mice after

5 and 10 weeks of a high-cholesterol diet, and spontaneous lesions were observed in the aortic sinuses of young mice without such a diet. These lesions showed monocyte infiltration into the intima, increased expression of vascular cell adhesion molecule-1, and decreased expression of the ecto-enzyme CD73 in the endothelium. The proinflammatory phenotype of Cx40del mice was confirmed in another model of induced leukocyte recruitment from the lung microcirculation. Endothelial CD73 is known to induce antiadhesion signaling via the production of adenosine. We found that reducing Cx40 expression in vitro with small interfering RNA or antisense decreased CD73 expression and activity and increased leukocyte adhesion to mouse endothelial cells. These effects were reversed by an adenosine receptor agonist.

935、These data strongly suggest that IRFI005 can operate by a recycling mechanism similar to the XXX

936、This study was undertaken to characterize the antioxidant activity of…

937、...gave contrasting/ conflicting results.

938 、 consistent with the previous results, our present study also showed ….considering our experimental results with other report in which….it is suggested that….might be a causative factor involved in the progress of atherosclerosis.

939、The questions arises as to…As a possible answer, we focused on the expression of….

940、Upon exposure of J774.A1 macrophages to HNE in the in vitro study, strikingly increased expression of SR-A protein with small degree of CD36 was evident with a concomitant increase in endocytic uptake of oxLDL.

941、These findings are supported by other reports in which….

942、 Moreover, SR-Awas reportedly responsible for the majority of macrophage uptake of modified LDL in a study using

943、These results were also supported by the report of Ishii et al. Future studies are

needed to determine the signal pathway how…..lead to the regulation of … and subsequent …

944、Thus, it is suggested that HNE may be an important novel therapeutic target for the prevention and treatment of atherosclerosis. Additionally, our study provides evidence for the first time that…..

945、There is a paucity of data testing the effect of CsA on LDL oxidation.

946、This study provides evidence supporting the atheroprotective effect of….Through…..activation/depression, …promotes RCT and limits foam cell formation in THP-1 macrophages. This is the first evidence that…Our results suggest that one mechanism by which tan protects against cardiovascular mortality in patients with…is through facilitation of cholesterol outflow from cells of the arterial wall.

947、but the relevance of triglyceride-rich lipoproteins (TRLs) to atherogenesis remains controversial.1 In part, this controversy stems from the fact that。。。。

948、Our findings suggest that EGCG and hesperetin may act as antiatherogenic agents blocking oxidized LDL-induced endothelial apoptosis via differential cellular apoptotic machinery

949、The finding underscores the importance of Ang II in the regulation of mitochondrial biogenesis and cardiac metabolomics, even in healthy hearts.

950、To further strengthen our in vivo reported findings and explore CRP-mediated events in depth, we exploited an in vivo rat sterile pouch model….

951、However, CRP failed to have any effect on TIMP-1 production concomitant with increased MMP-9 activity in the present study, in agreement with the findings reported by other investigators.

952、To conclude, in the present study, we make the novel observation that in vivo, CRP enhances OxLDL uptake and cholesteryl ester accumulation and stimulates MMP-9 release, which could contribute to plaque rupture.

953、Thus, strategies aimed at decreasing CRP may prove to be beneficial in preventing

atherothrombotic events and reducing atherosclerosis-related events.

954、Research in recent years has documented a specific role for the macrophage transporters ATP-binding cassette subfamilies A1 and G1 (ABCA1 and ABCG1) in cholesterol efflux

955、These findings have stimulated efforts to target。。。

956、Despite strong evidence for an inverse association between high-density lipoprotein cholesterol (HDL-C) levels and cardiovascular risk,[1] successful therapeutic strategies to target HDL have remained elusive

957、This outcome reinforced a growing consensus that。。。The careful mechanistic assessment of HDL function has thus emerged as a potential way forward

958、…providing an explanation for the atheroprotective effects and identifying a novel mechanism by which FTY720 modulates signaling.

959、These findings suggest a potential role for….in the pathogenesis of coronary atherosclerosis.

960、Our findings are supported by …et al who found prominent ….immunoreactivity in atherosclerotic plaques of….

961、…induce SMC proliferation alone or in a synergistic fashion with oxlDL, a major contributor to atherosclerosis.

962、These data support a role for…as a contributing factor in the pathophysiology of atherosclerosis. To determine the pathological significance of ….in the etiology of experimental atherosclerosis, we examined the effect of …in apoE KO mice fed a HFD.

963、These findings highlight an attractive therapeutic target for

964、The precise mechanisms underlying VSMC phenotypic modulation remain elusive. Here we test the role of….

965、.. has been well documented to play a critical role in many inflammatory diseases. However, the role of complement in the pathogenesis of abdominal aortic aneurysm, which is considered an immune and inflammatory disease, remains obscure

966、Together, these results defined the protective role of CD59 and shed light on the important pathogenic role of the membrane attack complex in abdominal aortic aneurysm.

967、Angiopoietin-2 Confers Atheroprotection in apoE$^{-/-}$ Mice by Inhibiting LDL Oxidation

968、Despite a concerted effort by many laboratories, the critical subunits that participate in vascular smooth muscle cell (VSMC) NADPH oxidase function have yet to be elucidated.

969、Taken together, our study reveals IRAK-1 as a novel component involved in the generation of ROS induced by LPS.

970、Our findings establish for the first time that LPS-mediated PTK/phosphatidylinositol 3-kinase/Rac/p38 pathways play a more important role than pathways of…The findings also further elucidate the critical role of LPS-mediated ROS in signal transduction pathways. Our results suggest that…

971、but data about the specific dietary constituents involved and mechanisms conferring cardioprotection are still sparse.

972、Oxidative modification of low-density lipoprotein (LDL) plays a causative role in the development of atherosclerosis

973、To provide specific evidence for a role of Syk….. To corroborate the results with

974、…tended to increase, but the difference was not statistically significant.

975、Peroxisome proliferator-activated receptor-γ (PPARγ) is a ligand-activated transcription factor of the nuclear hormone receptor superfamily. Increasing evidence suggests that PPARγ is involved in the regulation of vascular function and blood pressure in addition to its well recognized role in metabolism. Thiazolidinediones, PPARγ agonists, lower blood pressure and have protective vascular effects through largely unknown mechanisms. In contrast, loss-of-function dominant-negative mutations in human PPARγ cause insulin resistance and severe early onset

hypertension. Recent studies using genetically manipulated mouse models have begun to specifically address the importance of PPARγ in the vasculature. In this minireview, evidence for a protective role of PPARγ in the endothelium and vascular smooth muscle, derived largely from studies of genetically manipulated mice, will be discussed.

976、…. Previously we reported that…Here, we show that…These data identify a novel and discrete mechanism of regulating HDAC4 levels and, subsequently, gene expression.

977、It is presently unknown whether the endocannabinoid system exerts a widespread effect on neuronal precursors from different neurogenic regions, and very little is known about the signaling by which it regulates neuronal precursor proliferation. Herein, we demonstrate the presence of…indicating that the endocannabinoid system is physiologically involved in regulation of GCP proliferation

978、Adiponectin is an adipocyte-derived, secreted protein that is implicated in protection against a cluster of related metabolic disorders

979、Adiponectin has been associated with antiinflammatory and antiatherogenic properties; however, the direct involvement of adiponectin on the atherogenic process has not been studied.

980、NO is known to be an important effector molecule that has a broad spectrum of physiological and pathophysiologic effects

981、It is noteworthy that the finding of the present study may shed light on the pharmacological basis for the clinical application of traditional Chinese medicine in treatment of atherosclerosis relevant to endothelial cell damage.

982、In summary, the present study indicates that the estrogen-like effects of Tan IIA are due, at least in part, to its ability to transactivate ERα or ERβ. Tan IIA exerts anti-inflammatory effects by inhibition of iNOS gene expression and NO production, as well as inhibition of inflammatory cytokine (IL-1β, IL-6, and TNF-α) expression via ER-

dependent pathway. These findings provide new insights in understanding the complex actions of Tan IIA in immune response and suggest that it could serve as a potential selective estrogen receptor modulator (SERM) to treat inflammation-associated neurodegenerative and cardiovascular diseases without increasing the risk of breast cancer.

983、Although numerous studies on the pharmacological actions of Tan IIA have been demonstrated, the details of the mechanism of the actions still need to be determined

984、As a result, there is an increased interest in exploring the new therapeutic potentials of Tan IIA. Previous investigations showed that…

985、BPS suppressed the pathogenesis and development of diabetes and its complication, nephropathy, which was presumably accompanied by improving glucose intolerance and insulin resistance in obese Zucker rats.

986、Despite strong evidence for an inverse association between high-density lipoprotein cholesterol (HDL-C) levels and cardiovascular risk,[1] successful therapeutic strategies to target HDL have remained elusive.

987、This outcome reinforced a growing consensus that…. The careful mechanistic assessment of HDL function has thus emerged as a potential way forward

988、XXX has been postulated to play a major role in HDL-mediated atheroprotection…

989、Research in recent years has documented a specific role for …in cholesterol efflux

990、These findings have stimulated efforts to target the macrophage at the cellular level as a means of enhancing overall RCT….

991、A potential therapeutic use of this system has only recently come within reach through synthesis of。。。

992、When given concurrently with a high-fat diet, this approach does not accurately mimic a realistic therapeutic modality in humans

993、Inhibition of VSMC proliferation in vitro by PPAR ligands is an important mechanism for their observed in vivo effect to inhibit neointima formation in rat

models of restenosis

994、More importantly, early clinical studies demonstrate that TRO administration reduced intimal hyperplasia after coronary stent implantation. Data presented in this study carry important implica-tions for future PPARγ-based pharmacology.

995、Vascular endothelium is emerging as a therapeutic target for atherosclerotic macrovascular disease in diabetes

996、Most importantly, it has recently been demonstrated that troglitazone inhibits the development of atherosclerotic lesions in male LDL receptor–deficient mice.

997、The present study demonstrates that troglitazone has multiple vascular actions capable of influencing the progress of vascular disease; however, additional studies and clinical trials are required to assess the long-term therapeutic impact of thiazolidinediones such as troglitazone, but now more likely pioglitazone and rosiglitazone, on the progress of vascular disease in diabetes.

998、…have been extensively studies in animal models of atherosclerosis.

999、We next investigated….to further evaluate…to further address the mechanisms, we instigated the production….plaque burden/lesion burden/plaque volume

1000、These observations provide direct evidence for that FXR is a key signaling component in regulation of vascular osteogenic differentiation and, thus representing a promising target for the treatment of vascular calcification.