

## SCI写作高大上句型1000例—801-900

801、However, although it is well documented that..., much more limited and controversial information exists about the effects of XXX on the cardiac interstitium; however, some reports suggest that these drugs inhibit interstitial fibrosis, this is not confirmed by other studies.

802、In recent experiments designed to address the mechanisms underlying the antihypertrophic effect of propranolol in pressure-overloaded rats, it has been incidentally observed that....

803、Similar findings were obtained in pressure-overloaded mice, in which propranolol prevented development of LV hypertrophy and progression to LV dysfunction but failed to inhibit the attendant myocardial fibrosis.

804、A first goal of the present study was therefore to reassess and more in-depth characterize the effects of XXX on the cardiac structural alterations associated with.... A second goal was to test the hypothesis that...

805、These issues were addressed in rats with aortic banding-induced pressure overload and...

806、The results disclosed that the latter but not the former.... Considering these results, a third goal of the study arose, namely to gain mechanistic insight into the differential antifibrotic effects of...and...

807、We additionally studied.... At variance with...is even better documented by the

808、The increased MMP activity was paralleled by an increased TIMP concentration so that their ratio was not significantly reduced in the...

809、Our study strengthens and extends the notion that...

810、Which was almost completely abrogated in...but totally unaffected in rats with...

811、XXX is thus to be ascribed to a different influence of the two interventions on the mechanisms controlling extracellular matrix turnover

812、To our best knowledge, there has been no previous demonstration that an...

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813、XXX can shift the balance of extracellular matrix turnover toward a markedly enhanced

814、collagenolytic activity, and to do so to such a large extent to completely offset the powerful stimulus to collagen deposition represented by pressure overload.

815、Intriguingly, however, it has been reported that....

816、Although our study was not designed to exhaustively address the mechanism underlying the differential effect of sympathectomy and  $\beta$ -blockade on interstitial fibrosis, the results of the doxazosin experiments demonstrate that  $\beta$ -adrenoceptors are involved in extracellular matrix degradation, namely they oppose this process.

817、Not necessarily alternative to this, it is also to be considered that...

818、...makes it less likely, but cannot rule out, the possibility of a contribution to fibrosis by...

819、XXX play an inhibitory role on...process. These mechanism may relate to...

820、A further possible explanation would simply be that...

821、There was not even a tendency for propranolol to attenuate cardiac fibrosis, a feature that supports a qualitative rather than quantitative difference between

822、In perspective, these findings may have a twofold clinical implication. First, they may raise concern on the long-term cardioprotective effects of  $\beta$ -blockade for the treatment of hypertension and heart failure, although (needless to say) these experimental animal observations do not necessarily apply to humans nor to the effects of  $\beta$ -blockers other than propranolol.

823、It is nonetheless interesting to mention very recent evidence in hypertrophic hypertensive patients in Whom...

824、Second, one may speculate about a possible antifibrotic effect of XXX in cardiovascular therapy, although, again, ad hoc human studies will be needed to confirm or disprove this possibility.

825、Our study also has limitations. First, the observed pharmacological effects deal

with inhibition of development and should not be arbitrarily extrapolated to possible reversal effects on left ventricular hypertrophy, dysfunction, and interstitial fibrosis. Second, the observation period was only 10 weeks so that we are at present unable to establish whether the protective effects of sympathectomy and XXX will be maintained in the long term. Third, the analysis of the observed interstitial effects have so far not included measurements of other (neuro)-humoral factors such as angiotensin, endothelin, and vasopressin. This information will clarify whether the interstitial phenomena observed in the present experiments directly depend on modulation of sympathetic activity rather than being mediated via the recruitment of other systems known to influence extracellular matrix biology.

826、In conclusion, the present study shows that: (1) (2) (3)

827、Diastolic dysfunction is an important factor contributing to the development of heart failure.

828、These findings suggest that the early institution of MMP 2 inhibition may have use in preventing the development of maladaptive myocardial remodeling in response to hypertension.

829、Our findings provide the first direct evidence that...Therefore, although the present study did not directly evaluate the diastolic function

830、Sudden cardiac arrest (CA) is one of the leading causes of death worldwide. We sought to evaluate the impact of hydrogen sulfide (H<sub>2</sub>S) on the outcome after CA and cardiopulmonary resuscitation (CPR) in mouse.

831、The significance and clinical role of cardiac troponin testing after coronary artery bypass grafting remain unclear

832、Our findings serve to elucidate the molecular mechanisms underlying the homocysteine induction of SDF-1 expression in ECs and the shear stress protection against this induction.

833、But the role of PDEs in controlling cAMP signaling during pathological cardiac

hypertrophy is poorly defined.

834、 Other recent studies support this finding, demonstrating that...

835 、 However, the proof of central role of Akt-1 in angiogenesis will require demonstration that a dominant-negative form of the kinase inhibits it *in vivo*,

836、 XXX provide a molecular explanation for some of the clinical benefits associated with statin therapy.

837、 It is thus concluded that ROS-mediated ...activation plays a vital role in ...-induced apoptosis in HepG2 cells.

838、 XXX has been documented to have anti-tumor potential, since...

839 、 Recent results from our laboratory demonstrated that...In our preliminary study,...

840、 All of which are indicative of its potential application as an anti-AS agent.

841、 An understanding of the mechanisms of SMC invasion and migration may be important for devising therapies aimed at preventing atherosclerosis mediated smoothmuscle cell's migration and intimal thickening.

842 、 There is accumulating evidence from both clinical and experimental examinations that

ICAM-1 is closely involved in the progression of atherosclerosis

843、 The result is in apparent agreement with recent papers that demonstrated the reduction of lesions in the aortic tree due to...

844、 However, ICAM-1 may be less involved in advanced atherosclerosis than P-selectin, because Dong et al. recently demonstrated that the absence of P-selectin in APOE-deficient mice showed prominent protection against advanced atherosclerosis.

845、 There are several points to be taken into account in the interpretation of our results. Firstly, it should be noted that...Secondly, our results are limited to.... Thirdly, ...

846、 In conclusion, we demonstrated...Our results support the importance of ICAM-1 in the formation and progression of atherosclerosis,

847、 A strong negative correlation between polyphenols consumption and coronary heart disease has been extensively documented. These results prompted investigations on the mechanisms responsible for polyphenols effects in cardiovascular disease.

848 、 Previous preclinical studies with ezetimibe have demonstrated significant antihypercholesterolemic activity in rodents, rabbits, dogs, and monkeys when given alone or in combination with HMG-CoA reductase inhibitors. The present studies extend these findings by establishing that ezetimibe

849、 ( PARP) was suggested to play a role in endothelial dysfunction that is associated with a number of cardiovascular diseases. We hypothesized that PARP may play an important role in atherogenesis and that its inhibition may attenuate atherosclerotic plaque development in an experimental model of atherosclerosis.

850、 There is now substantial human evidence to suggest ... This is further highlighted by data from recent...

851、 It remains to be seen if the reductions in these biomarkers translate in to reductions in hard clinical end points。。。。

852 、 In order to explore the cellular mechanisms responsible for the vascular abnormalities observed in XXX

853、 The PLC hyperreactivity observed in SHR cells may therefore be involved in their enhanced proliferating activity evidenced in culture and in the vascular abnormalities described in vivo.

854、 Under these conditions we observed no change in relative alpha-SM actin protein content as determined by 2-D gel analysis and Western blots. This was corroborated by high levels of alpha-SM actin mRNA levels in both proliferating and high-density growth-arrested SMC

855、 However, assuming that.....parallel studies with... An as yet unresolved problem is ....There is therefore great need for further research in this area.

856、 The molecular mechanisms involved in the regulation of Nox are not entirely elucidated.

857、 This notion was met with general skepticism but has gained support from experimental and clinical studies.

858、 We also document for the first time that...is a major contributor in the development of atherosclerosis and requires a variety of proteins such as

859、 In the current study we sought to determine whether....

860、 The purpose of this study was to determine whether G-CSF promotes coronary collateral growth (CCG) and decipher the mechanism for this stimulation

861、 Coronary reperfusion has been the mainstay therapy for reduced infarct size after a heart attack. However, this intervention also results in myocardial injury by initiating a marked inflammatory reaction, and new treatments are keenly sought.

862、 These findings demonstrate the regulatory role of c-Jun in the pathogenesis of...

863、 Our findings provide supporting evidence to initiate new therapeutic concepts for atherosclerosis that should lead to controlled clinical trials.

864 、 The molecular mechanism underlying atherosclerosis has been studied extensively in the last decade...

865、 ...has been extensively documented. These results prompted investigations on the mechanisms responsible for polyphenols effects in cardiovascular disease.

866、 Cooperatively regulate cardiac myocyte proliferation in ...

867、 XXX is a multifunctional kinase involved in vital cellular processes such as。。。

868、 Although previous studies have established an essential role of CaMKII- $\delta$ C in cardiomyocyte apoptosis, the functional role of the more abundant isoform, CaMKII- $\delta$ B, remains elusive.

869、 Here, we determined the potential role of CaMKII-B in regulating cardiomyocyte

viability and explored the underlying mechanism

870、XXX revealed the instrumental role of TSP1 in phagocytosis, corroborating the defective intraplaque phagocytosis of apoptotic cells.

871 、 XXX is implicated in various inflammatory processes, but its role in atherosclerotic plaque

formation and progression is unclear.

872 、 The physiological relevance of TGF $\beta$ 1 activation by TSP1 is a subject of controversy,

873、XXX suggestive of an additional role for TSP1 in atherogenesis.

874、 Together, these results suggested a vascular, rather than systemic, role for TSP1 in atherosclerosis development.

875、 In the present study, the role of TSP1 in atherogenic vessel degeneration has been dissected in the well-established ApoE $\beta$ / $\beta$  mouse model of spontaneous atherosclerosis.

876 、 These findings allowed us to exclude functionally relevant competition between...and...This is corroborated by the...

877 、 Our findings confirm the instrumental role of...This finding supports the interpretation made above that

878、 This work has uncovered a role for TSP1 in plaque maturation, but additional work will have to address the molecular pathways driven by TSP1 inside plaques to understand how TSP1 modulates atherosclerotic plaque advancement. Such work will provide understanding of its role in phagocytosis inside plaques, in necrotic core progression, and in inflammatory vascular degeneration.

879 、 Although previous work has demonstrated that...no animal model has recapitulated the...We, therefore, examined the effect of...

880、 To study the effects of..., To examine the effects of...

881、 Remarkably, .. demonstrating a consistent effect of VSMC apoptosis whatever



the stage of atherosclerosis. Importantly, the data indicating no change or a minimal decrease in serum cholesterol in SM22<sub>-</sub>hDTR/ApoE<sub>-/-</sub> mice suggest that the increase in plaque size was not dependent on increased lipid levels. Previous studies have demonstrated that...

882、 In particular, observations that...suggest that VSMC apoptosis might limit atherogenesis and retard progression of plaques.

883、 The most striking finding of this study is that...Although it is reasonable to assume that...

884、 In contrast, our findings argue that...An alternative explanation is that...In our previous Study...We also demonstrate that

885、 The results from this study provide compelling evidence that...inhibition of Lp-PLA2 blocks the development of unstable plaques by reducing the generation of proinflammatory lipid products.

886、 The functional consequences of such interactions on platelets remain unknown. Herein, we addressed the interactions between EPCs and platelets and their impact on platelet function and thrombus formation.

887、 However, the effects on platelets in vitro were reversed by cyclooxygenase and cyclooxygenase-2 inhibition but not by

888、 These findings add new insights into the biology of EPCs and define their potential roles in regulating platelet function and thrombosis.

889、 There are several points to be taken into account in the interpretation of our results. Firstly, it should be noted that...Although....it is possible that.... Secondly, our results are limited to the aortic root and ascending aorta. Although it was reported that the extent of lesions in the entire aorta measured by surface area showed a close correlation with that at the aortic origin measured as the average...the effect of...on...which are much more important, must be examined. Thirdly, although only a weak difference of lesion size was seen...

890、 There is accumulating evidence that...

891、 In conclusion, three mechanisms are at work in parallel: TS reduces LDL oxidation, attenuates.... And blunts uptake of modified LDL by macrophage. This study thus significantly enhanced our understanding on the atheroprotective effects of TS.

892、 The direct evidences of the involvement of scavenger receptors in atherogenesis have been demonstrated using knockout mice and these findings suggest that....play a pro-atherogenic role in vivo.

893、 The oxidative hypothesis of atherosclerosis development has attracted extensive investigation of a possible preventive role of anti-oxidants.

894、 Strong in vivo evidence now exists to indicate that....In vitro data have also demonstrated that....

895、 In this research, we aim to better understand the possible antiatherogenic effects and mechanisms of DTF in several aspects: (1)...; (2)....; and (3).....

896、 There is a limitation of our study should be taken into consideration.

897、 These observations underlie the widely accepted view that。 。 。

898、 It is not clear whether the apparent discrepancy stems from the engagement of different receptors in the different biological systems used in these studies.

899、 In view of this uncertainty and considering the important and versatile roles of CD36, we set out to reexamine the mode of internalization of this receptor.

900、 Therefore, we selected a dose of 10 mg/kg to proceed with the present study in an attempt to provide complete inhibition of CCR2 mediated monocyte recruitment.