Reviewer's report

Title: Signaling of Angiotensin II-Induced Vascular Protein Synthesis in Conduit and Resistance Arteries in vivo

Version: 1 Date: 1 April 2004

Reviewer: Daniel Henrion

Reviewer's report:

The author of this article have shown the role of ERK1/2 and rapamycin-sensitive pathways in angII-induced remodeling in vivo, independent of pressure as protein synthesis increases in the absence of a change in blood pressure. Indeed, in ang-II -induced hypertension, blood pressure increases after several days and the present study was performed after 24h of angII-infusion. Importantly, small arteries were only sensitive to rapamycin, underlying a major difference between resistance arteries and the aorta. It would be interesting, in a next study to analyze the effect of PD98059 and rapamycin when pressure starts increasing.

What next?: Accept without revision

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

None