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# Journal of **Vascular Research**

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The *Journal of Vascular Research* publishes original articles and reviews of scientific excellence in vascular and microvascular biology, physiology and pathophysiology. The scope of the journal covers a broad spectrum of vascular and lymphatic research, including vascular structure, vascular function, haemodynamics, mechanics, cell signalling, intercellular communication, growth and differentiation. *JVR*'s 'Vascular Update' series regularly presents state of the art reviews on hot topics in vascular biology. Manuscript processing times are, consistent with stringent review, kept as short as possible due to electronic submission. All articles are published online first, ensuring rapid publication. The *Journal of Vascular Research* is the official journal of the European Society of Microcirculation. A biennial prize is awarded to the authors of the best paper published in the journal over the previous two years, thus encouraging young scientists working in the exciting field of vascular biology to publish their findings.

## Journal of Vascular Research

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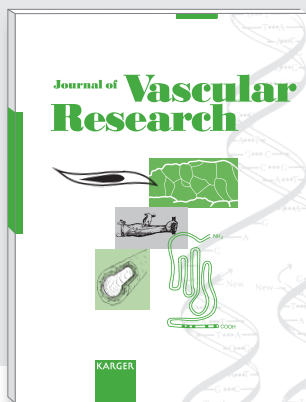
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## Selected contributions

- Remodeling of Cerebral Microcirculation after Ischemia-Reperfusion: **Lapi, D.; Colantuoni, A.** (Naples)
- Integration and Modulation of Intercellular Signaling Underlying Blood Flow Control: **Segal, S.S.** (Columbia, MO)
- Effects of Obesity on Perivascular Adipose Tissue Vasorelaxant Function: Nitric Oxide, Inflammation and Elevated Systemic Blood Pressure: **Aghamohammadzadeh, R.; Unwin, R.D.; Greenstein, A.S.; Heagerty, A.M.** (Manchester)
- Elastin Organization in Pig and Cardiovascular Disease Patients' Pericardial Resistance Arteries: **Bloksgaard, M.; Leurgans, T.M.; Nissen, I.; Jensen, P.S.; Hansen, M.L.; Brewer, J.R.; Bagatolli, L.A.; Marcussen, N.; Irmukhamedov, A.; Rasmussen, L.M.; De Mey, J.G.R.** (Odense)
- Glucagon-Like Peptide-1 Receptor Activation Does Not Affect Re-Endothelialization but Reduces Intimal Hyperplasia via Direct Effects on Smooth Muscle Cells in a Nondiabetic Model of Arterial Injury: **Eriksson, L.; Saxelin, R.; Röhl, S.; Roy, J.; Caidahl, K.; Nyström, T.; Hedin, U.; Razuvaev, A.** (Stockholm)
- Matrix Metalloproteinase 2 as a Potential Mediator of Vascular Smooth Muscle Cell Migration and Chronic Vascular Remodeling in Hypertension: **Belo, V.A.; Guimarães, D.A.; Castro, M.M.** (Ribeirão Preto)
- Extracellular Uridine Triphosphate and Adenosine Triphosphate Attenuate Endothelial Inflammation through miR-22-Mediated ICAM-1 Inhibition: **Gidlöf, O.; Sathanoori, R.** (Lund); **Magistri, M.; Faghihi, M.A.; Wahlestedt, C.** (Miami, FL); **Olde, B.; Erlinge, D.** (Lund)
- R-Ras Inhibits VEGF-Induced p38MAPK Activation and HSP27 Phosphorylation in Endothelial Cells: **Sawada, J.; Li, F.; Komatsu, M.** (Orlando, FL)

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The journal consists of the following sections:

- Research Papers
- Reviews
- Methods in Vascular Biology
- Rapid Communications
- Commentaries
- Letters to the Editor

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