



ATHEROSCLEROSIS

International Journal for Research and Investigation on Atherosclerosis and Related Diseases

AUTHOR INFORMATION PACK

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DESCRIPTION

Atherosclerosis brings together, from all sources, papers concerned with investigation on **atherosclerosis**, its risk factors and clinical manifestations. *Atherosclerosis* covers basic and translational, clinical and population research approaches to **arterial** and **vascular biology** and **disease**, as well as their risk factors including: **disturbances of lipid and lipoprotein metabolism, diabetes** and **hypertension, thrombosis**, and **inflammation**. The **Editors** are interested in original or review papers dealing with the pathogenesis, environmental, genetic and epigenetic basis, diagnosis or treatment of atherosclerosis and related diseases as well as their risk factors.

Complimentary online access is available to all members of the [European Atherosclerosis Society](#). A reduced personal subscription rate is available to all members of the [International Atherosclerosis Society](#).

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AUDIENCE

Researchers and clinicians working on atherosclerosis and related diseases, including: lipoprotein metabolism, arterial and vascular biology and disease, thrombosis, inflammation, and cardiovascular risk factors.

IMPACT FACTOR

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BEFORE YOU BEGIN

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The manuscript main text must be structured to include the following sections in this order (please do not deviate from the headers provided): Introduction Materials and methods (or Patients and methods) Results Discussion Conflict of interest (mandatory) Financial support (if applicable) Author contributions (mandatory) Acknowledgements (if applicable) References

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[3] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

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[5] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

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[7] E. Coon, M. Berndt, A. Jan, D. Svyatsky, A. Atchley, E. Kikinzon, D. Harp, G. Manzini, E. Shelef, K. Lipnikov, R. Garimella, C. Xu, D. Moulton, S. Karra, S. Painter, E. Jafarov, S. Molins, *Advanced Terrestrial Simulator (ATS) v0.88 (Version 0.88)*, Zenodo, March 25, 2020. <https://doi.org/10.5281/zenodo.3727209>.

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Atherosclerosis policy on the use of proper terminology when referring to intima-media thickness (IMT)

Atherosclerosis has recently embraced a new editorial policy to clarify the use of proper terminology when referring to intima-media thickness (IMT): **IMT should be referred to as "arterial injury" or "arteriopathy", not atherosclerosis**. For more details, please see the following letter to the editor and reply published in Atherosclerosis

"IMT is not atherosclerosis", Spence 2020 (<https://doi.org/10.1016/j.atherosclerosis.2020.09.016>) .

"Carotid intima-media thickness should not be referred to as subclinical atherosclerosis: A recommended update to the editorial policy at Atherosclerosis", Raggi and Stein 2020 (<https://doi.org/10.1016/j.atherosclerosis.2020.09.015>) .

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Atherosclerosis is interested in publishing genetic association papers that present data that is novel, statistically robust, clinically relevant and that add significantly to the field. Authors are advised to follow the reporting guidelines outlined in the STREGA Statement (<http://www.strega-statement.org>) [1], and to achieve this, the following criteria should be met.

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References

[1] Little J et al: Strengthening the Reporting of Genetic Association Studies (STREGA): an extension of the STROBE statement. PLoS Med. 2009 Feb 3;6(2):e22.

[2] Purcell S, et al. Genetic Power Calculator: design of linkage and association genetic mapping studies of complex traits. Bioinformatics 2003, 19(1):149-150.

[3] Skol AD et al. Joint analysis is more efficient than replication-based analysis for two-stage genome-wide association studies. Nat Genet (2006) 38:209-13.

In the following table, some sample sizes are given, calculated from the "Genetic Power Calculator", assuming an alpha-level of = 0.05, an additive inheritance model, an assumed prevalence of disease of 30% and a power of 80% for a balanced case-control study (1:1 case:control ratio) for varying minor allele frequencies (MAF) and genetic relative risks (GRR). Relative risks of between 1.1 and 1.3 are in the range that can be expected in genetic association studies on complex diseases.

[ATH_GfA_example_table.jpg](#)

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