

Global Health, Epidemiology and Genomics

Call for Papers - H3Africa and Genomics in Africa



Guest Editors:

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Despite the global upsurge in genomic studies, populations from Africa remain understudied and poorly represented in health research. Recent large genomic studies have highlighted the considerable genetic diversity across the continent and the need for studying region specific ethnolinguistic groups to gain a better understanding of genomic and environmental influences in susceptibility to disease. The Human Heredity and Health in Africa Consortium (H3Africa) supports research on infectious and non-communicable diseases to enhance our knowledge and understanding of health on the continent and provide valuable region-specific base-line data to build upon. If Africans are to benefit from precision medicine it is imperative that research is done and interpreted in an appropriate local context.

This special collection of articles in *Global Health, Epidemiology and Genomics (GHEG)* on H3Africa and Genomics in Africa is a unique opportunity to bring together a collection of original research, perspectives, commentaries, brief reports, protocols, research resources and blog articles to highlight the importance of genomic research in African populations as well as ethical considerations, good governance and potential impact on health and disease.

We especially invite papers that focus on the following areas:

- African population genomics and genome architecture
- Novel genetic trait associations
- Replication studies (positive and negative outcomes)
- Clinical/medical genetics and genetic counselling
- Novel approaches to genomic data analysis relevant to African populations
- Papers that highlight the potential global health impact of African genome research
- Development of Resources for epidemiological genetics of African populations
- Studies focusing on ethical considerations (including data sharing, clinical applications, translation science and research)

We will consider all article types that address these topics and will accept submissions on a rolling basis until **31st March 2017**. For a description of article types and how to submit, please refer to the instructions for contributors at cambridge.org/gheg/ifc.

GHEG is an Open Access publication. **Note that for all papers submitted to the journal on or before 31st December 2017, including to this special issue, the article processing charge will be waived.**

About the Journal

GHEG is dedicated to publishing high-quality, peer-reviewed research that increases our understanding of human health and disease worldwide through the application of population science, genomics and applied technologies. For more information about the journal, please visit cambridge.org/gheg.

