Preventive Medicine invites submissions from epidemiologists, statisticians, philosophers, lawyers, and others with a professional interest in the conceptual and methodological challenges that emerge from the field of epidemiology for a Special Section entitled "Philosophy of Epidemiology" with Guest Editor Dr Alex Broadbent of the University of Johannesburg. Dr Broadbent also served as the Guest Editor of a related previous Special Section, "Epidemiology, Risk, and Causation", that appeared in the October–November 2011 issue (Prev Med 53(4–5):213–259 http://www.sciencedirect.com/science/journal/00917435/53/4-5).

Epidemiology has grown and become much more sophisticated in the last few decades. It is therefore not surprising that the discipline has attracted the attention of philosophers of science, nor that discussions of philosophical topics are becoming increasingly needed within epidemiology. These topics include the nature of causation, the nature and proper classification of disease, the proper interpretation of measures of causal strength, methods and heuristics for causal inference, the best way to express and handle uncertainty, and the proper role of epidemiology in identifying and addressing social injustices, to name a few.

The editors believe that epidemiology both needs and repays explicit, informed discussion of its conceptual and methodological challenges, and that such discussion will benefit the discipline as well being interesting in its own right.

Papers up to 3500 words on the topics above and other conceptual issues are therefore warmly invited. All papers will be peer reviewed.

doi:10.1016/j.ypmed.2012.03.001