Review of: "Straightening the ‘Value-Laden Turn’: Minimising the Influence of Values in Science"

Paolo Petricca[1]

1 University of Chieti-Pescara

Potential competing interests: No potential competing interests to declare.

The proposed article concerns current and debated positions in the general philosophy of science. Although my expertise is more specific in the philosophy of particular sciences that are not central here, I chose to read the article carefully.

The author is very well informed about the current debate on the influence of values in the scientific decision-making process and their inevitable role in the construction of certain models of scientific action and policy.
The literature is very up-to-date and informative and the reasoning and argumentation in the paper always flow smoothly and clearly.
The real cases cited, belonging to the sciences, are numerous and focus on: good practices and policies documents; statements and descriptions of uncertainties in expert reports; some cases of policy-making documents in chemicals toxicity. Those cases are directly related to the author's claims on the attitudes to be followed for value-laden ideal practice.
This very choice limits the scientific scope of the proposed conclusions and the functioning of the resulting model. The model of interaction with values in scientific practice is the result of the mediation between two illustrious theoretical positions in the specific field (Betz and Hansson) and a series of recommendations devised by the author on the basis of consistent and reasonable philosophical positions. This same model, however, only acts on a purely theoretical level, referring to general notions of the philosophy of science that are not always perfectly identifiable in scientific practice (corpus, uncertainty, integrity); in my opinion, this attitude makes the statements of this article themselves as part of good scientific practices, keeping the speculation on a general level. I consider this article very valuable