

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 20209

**Title:** Tipping the balance - Haemoglobinopathies and the risk of diabetes

**Reviewer's code:** 00646289

**Reviewer's country:** Turkey

**Science editor:** Fang-Fang Ji

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

Dear Author, This article is based on a literature search, focusing on correlations between iron metabolism and type 2 diabetes, and on epidemiological data in search for a possible link between diabetes and haemoglobinopathies. It is a potentially useful paper for discussion of an important subject that could be of use to the clinicians and researchers in the field as an overview, where many studies are compared with their strong and weak points, and suggestions are given. Although there are many studies in literature on the particular subject, more specific studies are still needed focusing on different aspects of the discussed title. There are contradictory results in literature which should be clarified, as the authors presented, and the paper attracts attention to this fact. The language of the manuscript needs to be overviewed for minor revision, as a few sentences could be more clearly defined, such as: "A paediatric study of 860 individuals in Western Kenya reported 38.5% were heterozygous and 9.5% for  $\alpha$ -thalassaemia". There are also some misspellings such as: "?ukrova" in Turkey, which should be "?ukurova" (6th line from bottom on page 7). Another example is "an hepatocyte model", which should be "a hepatocyte model" (5th line from top on page 5). The prevalence figures in the paragraphs just before the Conclusion section will be more useful with more



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evaluative sentences as to whether an association may be present from an epidemiological perspective, as claimed by the authors as one of the aims of the study. Although authors are stating that the prevalence data is not extensive enough to provide concrete associations between diabetes and haemoglobinopathies while defining the need for more extensive studies, the epidemiological figures from different regions can be discussed more specifically, as a lot of numbers are listed without comments in certain parts.