Dear Reviewer,

Thanks for your comments. Our responses are presented below.

1. "Section "1. Erythrocytes and drug delivery", according to the content, it is suggested to revisited to be "1. Erythrocytes as carriers"

The name of the section was changed to: "1. Erythrocytes as carriers of drugs".

(See new line 30)

2. "Figure 1, the resource of the statistics should be described".

There is no external source of statistic for this Figure. It was compiled by the authors by counting the number of articles that we found in different databases (only for articles concerning drugs loaded into RBCs). In a sense, these statistics are approximate and are designed to qualitatively show the growth of interest in this topic.

3. "As mentioned by the authors, "Since there are separate articles in this Issue devoted to a detailed description of the enzymes loaded in RBCs, in our review, this subject is considered very briefly". The section "2. Erythrocytes-bioreactors" actually looks long compared with the whole manuscript, which is suggested to be refined".

We tried to shorten this part, but did not achieve much success, because, as we believe, only the most principal general information was included in our text.

4. "Please make a schematic summary figure to illustrate the erythrocyte carriers in the field of applications in drug delivery and biosensors, which makes the reviewer clear and attractive to readers".

The summary schematic Figure was done.
(See Figure 2).

5. "The English writing needs improvement. Please revise accordingly".

Our manuscript was submitted to MPDI English editing service (certificate No. 16365 see below).



We certify that the following article

Erythrocytes as carriers: from drug delivery to biosensors

Elena Sinauridze

has undergone English language editing by MDPI. The text has been checked for correct use of grammar and common technical terms, and edited to a level suitable for reporting research in a scholarly journal.
MDPI uses experienced, native English speaking editors. Full details of the editing service can be found at
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6. “Please discuss and compare the erythrocytes to other carriers (i.e., some nanoparticles) in drug delivery”.

In Section 1 (new lines 85-97) the advantages of RBCs as system of drug delivery are presented. About comparison of nanoparticles with RBCs see section 3.6. Nanoparticles and erythrocytes (new lines 431-494), and Section 7 (new lines 904-908).