



भारतीय आयुर्विज्ञान अनुसन्धान परिषद, विषाणु इकाई, कोलकाता
ICMR VIRUS UNIT, KOLKATA

(INDIAN COUNCIL OF MEDICAL RESEARCH)
(Under Dept. of Health Research, Ministry of Health & Family Welfare, Govt. of India)
I. D. & B. G. Hospital Campus, General Block No. (GB) - 4, (East Wing), 1st Floor
57, Dr. Suresh Chandra Banerjee Road,
P.O. Box EC-61, Beliaghata, Kolkata - 700 010, INDIA

To
Editor -in-Chief,
World Journal of Virology
8226 Regency Drive,
CA 94588
USA

Date: 19.11. 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 14221-review .doc).

Title: Current molecular methods for the detection of Hepatitis C virus in high risk group population: a systematic review

Author: Rushna Firdaus, Kallol Saha, Aritra Biswas, Anirban Mukherjee and Provash Chandra Sadhukhan

Name of Journal: *World Journal of Virology*

ESPS Manuscript NO: 14221

As per your request the manuscript has been improved according to the suggestions of reviewers:

1. **Format has been updated according to the journal's regulations**
2. **Revision has been made according to the suggestions of the reviewer 1)**

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A. Section: Detection of HCV core antigen in plasma or serum. Line 2

The HCV core antigen is thought to detect viral antibodies within the sero-conversion period and can be used to successfully utilize to monitor antiviral therapy.

Ans: The line has been modified accordingly

B. Some sentences need to be improved in terms of language: Examples:

Section: Enzyme Immunoassay (EIA) for HCV detection in serum or plasma. Page 5 and 6.

- *In developing countries like India too, WHO recommended the use of 3rd generation HCV EIA kits.*
- *from the nonstructural NS4 region, was used until 1992, at which time it was replaced by a second-generation EIA*

Section: Quantitative assay. Page 12

...and the number of PCR cycles needed for detect amplified products whereas in qualitative assays based on RT-PCR, amplicon detection was at the end

Ans: The sections has been modified and highlighted in the text. Also, the text was rechecked thoroughly for grammatical and spelling errors using online tools such as spellchecker.net

3. References and typesetting were corrected.

According to the editor's suggestions; the references were provided with PMID and DOI. In cases of references dating back to 1993 to 2000 no DOI numbers were found. In these cases only PMID was provided. In reference number 27: it was published an e volume only, no PMID was found. Additionally in references 18, 19, 20 were product information hence no PMID was found. Reference no 30 contains reference to conference proceedings, hence no PMID could be given.

We dropout Mr. Anirban Mukherjee's name from the manuscript as he is no longer available in the laboratory and he has no real contribution in the manuscript preparation.

Thank you again for considering our manuscript in the *World Journal of Virology*, please let us know, if anything else is needed.

Thanking you,

Yours sincerely,

Provash Chandra Sadhukhan.
Corresponding author
Email-provash2000@gmail.com