

Retraction

# Retraction for Mustafa and Makhawi, “SHERLOCK and DETECTR: CRISPR-Cas Systems as Potential Rapid Diagnostic Tools for Emerging Infectious Diseases”

## American Society for Microbiology

The American Society for Microbiology (ASM) and *Journal of Clinical Microbiology* (JCM) are hereby retracting this minireview:

Mustafa MI, Makhawi AM. 2021. SHERLOCK and DETECTR: CRISPR-Cas systems as potential rapid diagnostic tools for emerging infectious diseases. *J Clin Microbiol.* 59:e00745-20. <https://doi.org/10.1128/JCM.00745-20>

JCM was notified by a concerned reader that some of the text in this minireview could have been plagiarized from an article in *Nature Protocols* by Kellner et al. published in Sept 2019 titled “SHERLOCK: nucleic acid detection with CRISPR nucleases.” Specifically, about eleven sentences in the first three paragraphs of the section titled “Detection of Nucleic Acids by CRISPR Cas Systems” and more than 50% of the section titled “Advantages and Limitations of Different CRISPR-Cas Biosensing Systems” are highly similar to the article by Kellner et al. ASM has independently matched the papers for similarity and found the concerns to be valid.

In publishing this Retraction, ASM is following its [Publishing Ethics Policies and Procedures](#) and, as a member of the Committee on Publication Ethics (COPE), follows COPE’s [Retraction Guidelines](#). ASM and JCM requested the corresponding authors to provide a retraction within 30 days and, receiving no retraction within that time, ASM is proceeding with this Publisher’s Retraction to maintain the integrity of the scientific record. ASM apologizes to the authors Kellner et al and the readers for any inconvenience this may have caused.

See the retracted article at <https://doi.org/10.1128/jcm.00745-20>.

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