Design of a native-like secreted form of the hepatitis C virus E1E2 heterodimer.

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Publication Type: Journal Article

Year of Publication: 2021

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Journal: Proc Natl Acad Sci U S A

Volume: 118

Issue: 3

Date Published: 2021 Jan 19

ISSN: 1091-6490

Abstract: Hepatitis C virus (HCV) is a major worldwide health burden, and a preventive vaccine is needed for global control or elimination. We set out to design a native-like secreted form of the HCV E1E2 heterodimer to support future structural and vaccine studies, enabling rational optimization of an E1E2-based antigen.

DOI: 10.1073/pnas.2015149118

PubMed ID: 33431677