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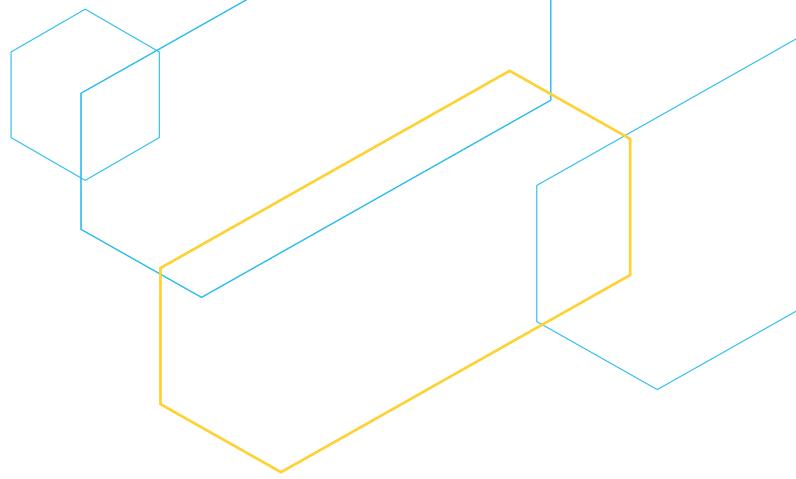
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Development of epitope-based peptide vaccine against novel coronavirus 2019 (SARS-CoV-2): Immunoinformatics approach

By: Bhattacharya, Manojit; Sharma, Ashish R.; Patra, Prasanta; Ghosh, Pratik; Sharma, Garima; Patra, Bidhan C.; Lee, Sang-Soo; Chakraborty, Chiranjib

Journal of Medical Virology (2020), 92(6), 618-631 | Language: English; Database: CPlus and MEDLINE

Recently, a novel coronavirus (SARS-CoV-2) emerged which is responsible for the recent outbreak in Wuhan, China. Genetically, it is closely related to SARS-CoV and MERS-CoV. The situation is getting worse and worse, therefore, there is an urgent need for designing a suitable peptide vaccine component against the SARS-CoV-2. Here, we chose 13 Major Histocompatibility Complex-(MHC) I and 3 MHC-II epitopes, having antigenic properties. These epitopes are usually linked to specific linkers to build vaccine components and mol.

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Citation Map for Structure-Based Drug Design and Structural Biology Study of Novel Nonpeptide Inhibitors of Severe Acute Respiratory Syndrome Coronavirus Main Protease

By: Lu, I-Lin; Mahindroo, Neeraj; Liang, Po-Huang; Peng, Yi-Hui; Kuo, Chih-Jung; Tsai, Keng-Chang; Hsieh, Hsing-Pang; Chao, Yu-Sheng; Wu, Su-Ying

Journal of Medicinal Chemistry (2006), 49(17), 5154-5161 | Language: English, Database: CPlus and MEDLINE

Full Text

A novel coronavirus associated with severe acute respiratory syndrome

By: Ksiazek, Thomas G.; Erdman, Dean; Goldsmith, Cynthia S.; Zaki, Sherif R.; Peret, Teresa; Emery, Shannon; Tong, Suxiang; Urbani, Carlo; Comer, James A.; Lim, Wilina; et al

New England Journal of Medicine (2003)

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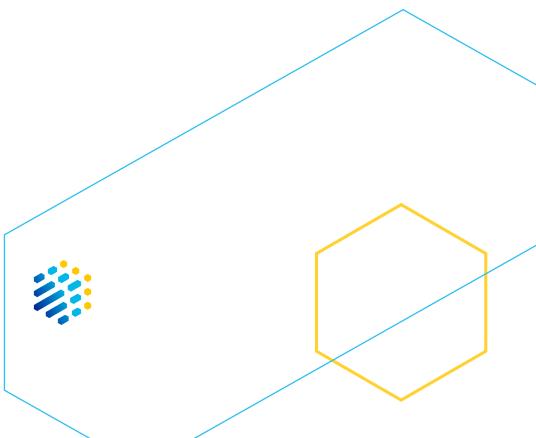
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