



Front cover image:
A putative pentameric assembly of the transmembrane domain of 8a channel protein of SARS-CoV. Hydrophilic residues (Lys-2, Thr-8, Ser-11, Ser-14 and Thr-18) are highlighted in blue, hydrophobic residues in green, cysteines in yellow and charged residues in red (Arg-22). Water molecules outside the lipid membrane are shown in blue. The bundle shows a 'line' of cysteines within one domain facing the outer side of the bundle. The bundle is derived from a protocol of combined molecular dynamics simulations and assembly protocol. The water molecules, shown with their van der Waals radii, are visible due to the transparent representation of the protein assembly (Gaussian contact representation). The graphic is done using the MOE software package.

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