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## **Kill or corrupt: the mode of action of nucleotide analogues against SARS-CoV2**

*Thursday, 17 March 2022 11:00 (1 hour)*

Understanding how the CoV replication/transcription complex (RTC) works is central to design antiviral drug therapies as well as to the understanding of the emergence of variants. The SARS-CoV2 RTC is blatantly more 'active' than any other viral RdRp known. It possesses both unusually high nucleotide incorporation rates and high-error rates allowing facile insertion of mispaired nucleotides ('errors') but also nucleotide analogues used as antiviral drugs.

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