

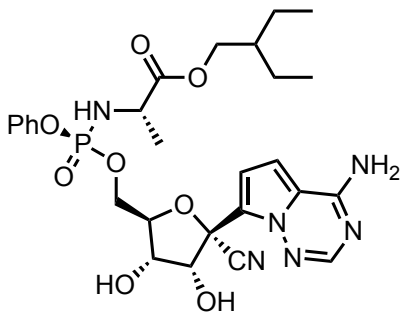
Medicine

Drugs
Diagnosis
Imaging

University of
Kent

In search of a treatment...

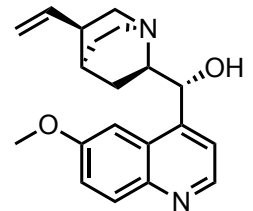
The antiviral *remdesivir* is hoped to have activity against SARS-nCoV-2019 coronavirus



It works by mimicking RNA and deactivating the viral RNA polymerase, preventing replication

Medicines from nature

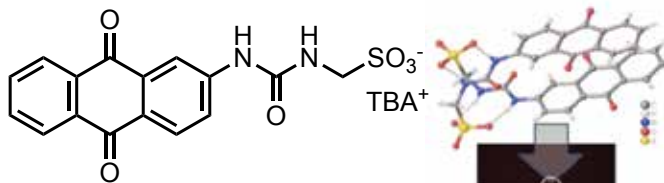
Quinine - the oldest antimalarial



Cinchona bark
Fluorescent!

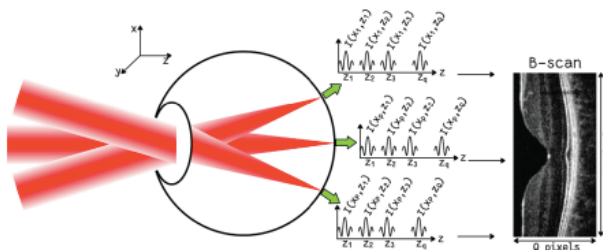


What do we do at Kent?



Self-assembled molecules which kill antibiotic-resistant bacteria by damaging cell membranes

Advanced optical imaging for medicine



Close collaboration with biosciences - joined building!



Taxol - treats a wide range of cancers

