

## **Non-essential Drug Groups**

## These are the WHO groups we decided to exclude.

Peritoneal Dialysis Solution

It is an expensive procedure for our rural location. Our location also lacks the necessary equipment for this procedure.

2. Eye Preparations

Non-essential group because a majority of the major diseases do not affect the eye.

3. Medicines for mental and behavioral disorders

Due to the current issues, physical health is prioritized over mental health.

4. Medicines for diseases of joints

NSAIDs can be used for joint pain, so there is not a need for specific joint pain medications. 5. Diuretics

Malnourishment and dehydration are a major concern, so the removal of water is not advised. 6. Diagnostic Agents

It is a first world commodity.

# **Essential Medicines for** Beni, Democratic Republic of the Congo

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https://en.wikipedia.org/wiki/World\_H

### Abstract

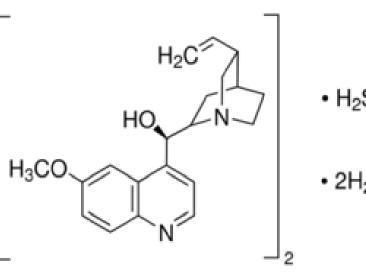
Beni is a city in the northeastern Democratic Republic of the Congo. Currently Congo is suffering from civil unrest, including Beni, which was attacked by the ISIL in 2019. One of the major health issues currently impacting Beni is Ebola. Malaria is also the source of the most deaths in the DRC in a year, with other major illnesses including Cholera, Diphtheria, African Sleeping Sickness, and respiratory illnesses. Due to the geographic location of Beni and its impoverished status, several groups from the WHO's list of essential medicines were thrown out after being deemed a low priority for combating disease in Beni, these categories were Diuretics, Peritoneal Dialysis, Eye Preparations, Diagnostic Agents, Medicines for mental and behavioral health, and medicines for diseases of joints. Using the WHO list of Essential medicines as a base, 50 medications were chosen to combat the major illnesses facing Beni. Along with drugs, vaccines and supportive care and antiseptics were also chosen. Supportive care is an important combative for diarrhea and hemorrhagic fevers, while antiseptics are important to have in a country that could prove lacking in

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	Vaccines a
	Measles Vaccir
	Cholera Vaccin
	Tetanus Vaccin
)	Anti-Rabies Im
	rVSV vectored MOA: A vaccine was genetically r

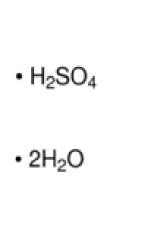
Qualaguin (Malaria) MOA: Inhibits nucleic acid and protein synthesis and glycolysis.

Moxidectin (River Blindness)

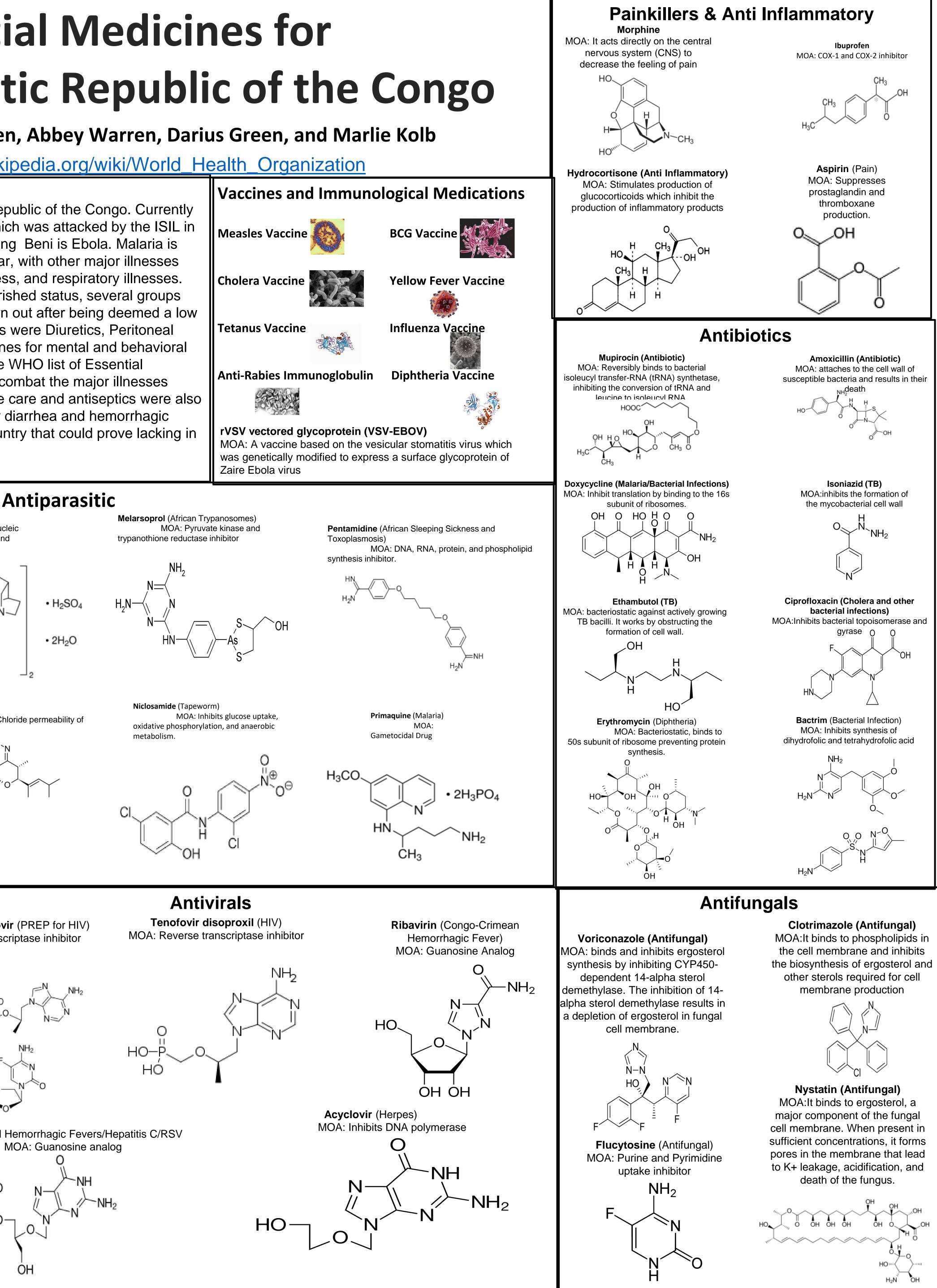
parasite causing paralysis

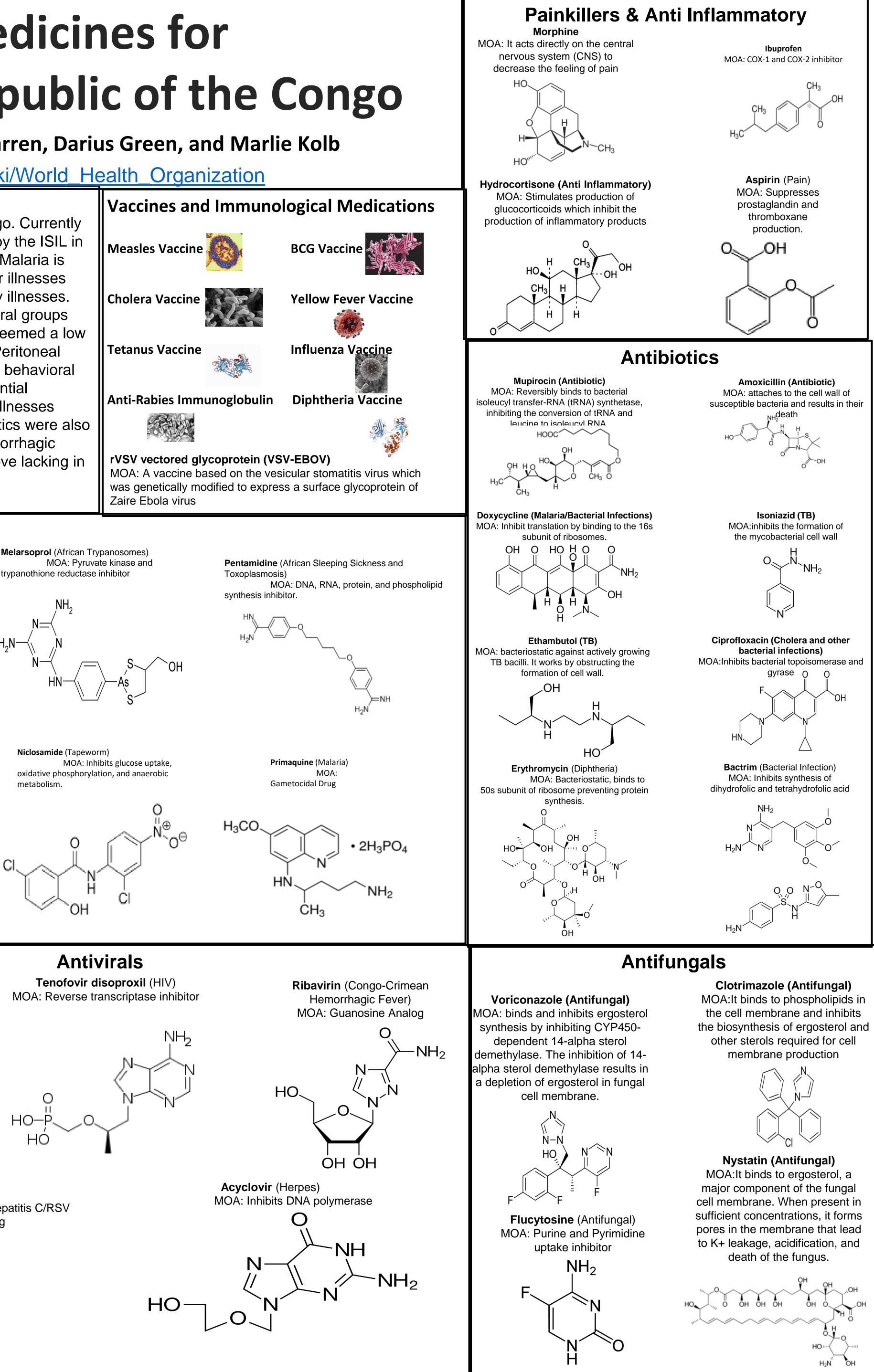


MOA: Increases Chloride permeability of



Melarsoprol (African Trypanosomes) trypanothione reductase inhibitor





Valganciclovir (Viral Hemorrhagic Fevers/Hepatitis C/RSV MOA: Guanosine analog

Emtricitabine/tenofovir (PREP for HIV)

MOA: Reverse transcriptase inhibitor

