

Most Wanted Pathogens

Medical Therapeutics

August 24, 2017

WANTED

Ringworm

M.O.:

- skin to skin contact.
- touching a contaminated surface.



Description:

- border skin is raised & bumpy
- skin inside is dry & scaly.

(Fungal Infection)

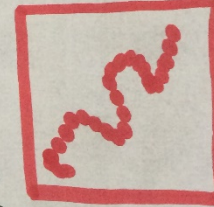
- People or animals are most common to get it.
- Found on the skin's surface.
- Easily treated at home.
- Treatments: Anti Fungal cream.

REWARD

WANTED

Group A Streptococcus

- Description: Spherical Shaped
- Pathogen Type: Bacteria
- MO: Spreads by respiratory droplets. When someone coughs or sneezes, it is released into the air.
- Common Victims: Children, Parents with children, Large crowded groupings of people
- Hideout: Lives in nose and throat
- Considered: Armed and Dangerous
- Effective weapons against it: Antibiotics such as Penicillin or Amoxicillin
- Signs of Infection: Sore Throat, fever, pain when swallowing, Swollen tonsils, and Swollen lymph nodes



REWARD

WANTED

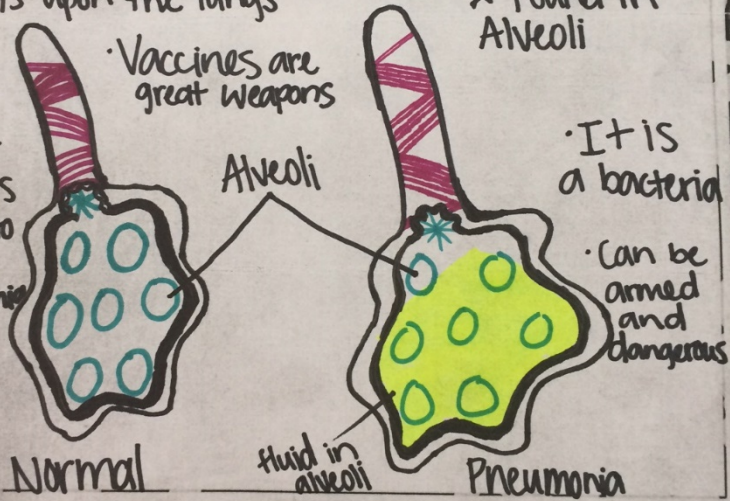
Pneumonia

• Preys upon the lungs

★ Found in Alveoli

• Vaccines are great weapons

• Chest X-rays helps to find pneumonia



• It is a bacteria

• Can be armed and dangerous

• REWARD •

WANTED

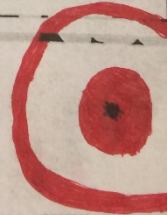
Lyme Disease

Causes a rash, often in a bull's-eye pattern, and flu-like symptoms. Joint pain and weakness in the limbs also can occur. You may also experience fatigue, fever, malaise, headache, joint stiffness, or joint swelling.

It is a Bacteria. They prey upon humans mainly. You can get it from a deer tick, which spreads the disease in the Northeastern, Mid-Atlantic, and North-Central United States. They're usually found in wooded areas and have complex life cycles.

It is considered dangerous. Antibiotics, penicillin, and non-steroidal anti-inflammatory drugs will help.

• REWARD •



WANTED

Influenza "Flu"

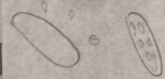


- A common viral infection that can be deadly, especially in high-risk groups
- Virus "airborne respiratory droplet" "skin-to-skin"
- Spreads by coughs or sneezes, handshake/hug, "saliva" "touching contaminated surface"
Kissing, blankets or doorknob
- Affects pregnant women, kids 6-59, elderly, people w/chronic medical conditions
- Can be found in saliva + mucus
- Can be deadly to young children + elderly
- Avoid close contact, stay home when sick, cover mouth/nose, clean hands, avoid touching eyes, mouth, + nose, practice other good health habits

REWARD

WANTED

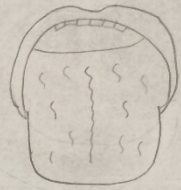
Malaria - gives you chills, flu-like illness, fever
Spreads through mosquitoes, blood products
Small children 5-under
large areas of Africa + South Asia
dangerous
antiparasitics + antibiotics



REWARD

WANTED

THRUSH

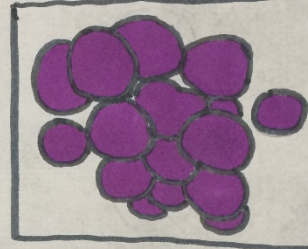


- Description: infection in the mouth it is characterized by white patches on a red, moist surface.
- Caused by a type of fungus.
- Most common victim: children/babies.
- Spreads: A child sharing infected toy with another child.
- Most likely found on your tongue or inner cheeks.
- It can be dangerous the more it spreads.

REWARD

WANTED

Staph



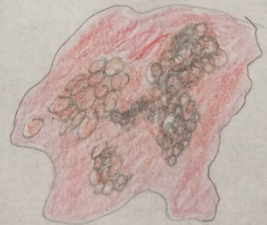
(Staphylococcus Infection)

- Bacteria commonly found in nose or on skin.
- Spreads easily from person to person or touching a contaminated surface.
- Bacteria move from a break in skin to blood stream
- Treatment: drainage of infection + Antibiotics
- - wash hands/keep injuries clean + bandaged
- Can be life threatening!

REWARD

WANTED

A common sexually transmitted infection marked by genital pain & sores.
It's a virus. It attacks your genital mucus membrane or skin over mucus.
Spreads through sexual contact.
More females are likely to get it than males.
Most likely to be found near penis or vagina.
Can cause psychological distress when you know you're infected.
No cure is available but medicine can help control outbreaks.

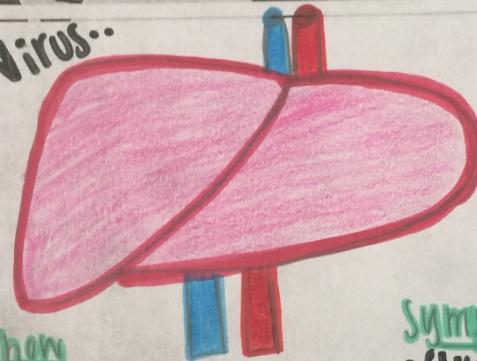


REWARD

Kinsec Whiteaker 08-25-11
Medical Therapeutics

WANTED

..Virus..



Hepatitis C
an infection caused by a virus that attacks the liver and leads to inflammation

- How**
- Sharing drugs and needles
 - Having unprotected sex
 - Stuck by infectious needles
 - Birth

- Who**
- long term kidney dialysis
 - receiving blood
 - organ transplants
 - injected drugs
 - have HIV
 - born by mother w/ it

- Symptoms**
- flu-like
 - fatigue
 - hair loss
 - loss of appetite
 - depression
 - trouble thinking

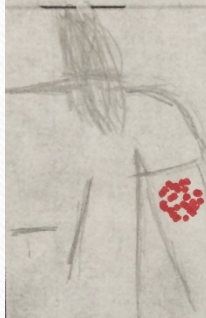
**ARMED AND DANGEROUS
W/ NO CURE!**

Find me in the liver
Zepati er has been shown to help with the disease

REWARD

WANTED

MEASLES

- 
- infectious rash, highly contagious
 - viral infection
 - spread by droplets, saliva, skin-to-skin contact, & touching contaminated surfaces
 - most common in children
 - found as rashes on the body
 - preventable by vaccine
 - no treatment, over-the-counter fever reducers help with symptoms
 - resolves within days to weeks

REWARD

WANTED

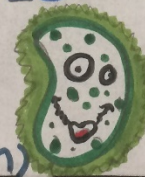
viral infection of the upper respiratory system → most likely found in respiratory system

most common victims are the elderly and small children

attacks the nose, throat, and lungs

over-the-counter products, home remedies, and self-care can help cure it

Common Cold
(viral infection)



spread by either direct contact w/ infected secretions or inhaling the airborne virus

REWARD

WANTED

Dysentery! *caused by a
*most commonly bacteria, virus,
in the UK! or parasite!
*spread through contaminated water
*victimize those with poor sanitation
& lack of clean water
& attacks the colon.
*dangerous



REWARD

WANTED

BACTERIA (yeast infection)

- infection of the vagina caused by a fungus known as Candida
- itching, burning, & soreness while peeing or intercourse
- commonly prey on women



- found in vaginal area
- considered armed & dangerous
- dose of an oral antifungal drug or app. of antifungal cream.

REWARD

WANTED

MRSA is a bacterium that causes infection in different parts of the body. MRSA affects the skin, for the most part, and can cause boils, blisters, hair loss, peeling skin.



infection, and if not monitored & treated properly, MRSA can spread & attack the blood, bones, and major organs. Those most likely at risk to contract MRSA consist of those who: have weakened or underdeveloped immune systems, play contact sports, have any association with health care workers, or live in a crowded, unsanitary condition. MRSA is a life threatening illness in which 11,300 deaths were related in 2011. To help prevent, wash hands, keep wounds clean & covered, & avoid sharing personal hygiene items.

REWARD

WANTED

Hepatitis B

*Vaccine

• SERIOUS LIVER INFECTION

• VIRUS

• Where is it found?

• Sub-Saharan AFRICA & EAST ASIA

What is it?

Pathogen Type?

Affects? scarring of liver, liver failure, & cancer

Symptoms? • yellowing of eyes, abdominal pain, DARK urine

Attacks & spreads?

• Coming into contact with blood, open sores, or body fluids of someone with Hep. B

Armed & Dangerous NO, EXCEPT

• Dangerous when chronic & affects liver.

Most common victims? • ages 25-44

REWARD

\$1,000,000

WANTED

(Dead or Alive!)

HIV (human immunodeficiency virus) /
AIDS (acquired immunodeficiency syndrome)

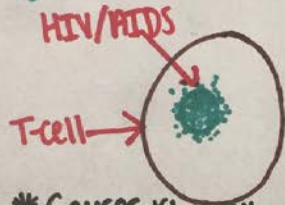
Type

HIV/AIDS is a very bad virus!!

Hideout

In the body fluids.

Preys on human T-cells



Causes flu-like symptoms and interferes with the body's ability to fight off infections

"M.O."

- can be found attaching T-cells
- spreads by sexual contact

How to fight

- ARV's (anti-retroviral regimens) can slow HIV/AIDS down but can't stop it

ARMED AND VERY DANGEROUS!!

REWARD

\$1,000,000,000 for a cure!!

WANTED

*Description- RMSF is a bacterial infection transmitted by a tick

*Pathogen type- bacteria

*Organism's "M.O."- The tick bites and gets in the skin, contamination of the skin with tick blood or feces.



*Most common victims- humans

*Hideout of RMSF- first identified in the Rocky Mountains it is most commonly found in Southeastern part of the United States

*RMSF can be a potentially dangerous tick born disease

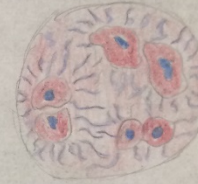
*The most effective medicine is oral doxycycline



REWARD

WANTED

Gonorrhoea



- Gonorrhoea is a sexually transmitted infection; that is passed from person to person through unprotected sex.
- Gonorrhoea is a type of bacterial infection.
- It can attack from the bacterium that causes the infection to spread through the bloodstream and infect other body parts like the joints.
- Most common victims are among sexually active teens, young adults and African Americans.
- They hide mostly in the mucous areas of the body like the throat and rectum.
- It can be highly dangerous if left untreated, even with someone having a mild or low case of it.
- The most effective weapons against gonorrhoea would be prescribed antibiotics and frequent trips to the doctor and specialists.

REWARD