

Tropical Disease Trivia Night

Sponsored by your local chapter of UAEM (Universities Allied for Essential Medicine)

Rules: Each round has 3 questions. Next to each answer, write a point value (either 1, 3, or 5). If you are confident that all answers are correct, you can risk getting 11 points for 3 right answers or 0 if any of the answers are wrong.

Please do not use cell phones to cheat! Also, don't cheat by other non-cell phone methods...

Team Name: _____

Round 1

- 1) _____
- 2) _____
- 3) _____

Round 2

- 1) _____
- 2) _____
- 3) _____

Round 3

- 1) _____
- 2) _____
- 3) _____

Round 4

- 1) _____
- 2) _____
- 3) _____

Round 5

- 1) _____
- 2) _____
- 3) _____

Round 6

- 1) _____
- 2) _____
- 3) _____

Round 7

- 1) _____
- 2) _____
- 3) _____

Round 8

- 1) _____
- 2) _____
- 3) _____

Questions

Round 1

1. Approximately how many children infected with *Trypanosoma cruzi* (Chagas) can received treatment for \$1?
2. Only 2 drugs exist for treatment of Chagas in it's acute phase. Name 1.
3. Ethylene glycol is a sweet-tasting component of the drug formulations for Chagas. What other common product contains this chemical?

Round 2

1. 1 in how many people on earth are affected by neglected tropical diseases?
- 2: Which of these countries has the most number of new cases of leprosy per year?
 - A. Haiti
 - B. China
 - C. Brazil
 - D. India
3. Apart from location in a tropical area, what other distinguishing factor does the World Health organization use to define a disease as a "Neglected Tropical Disease"

Round 3

1. How do you spell Schistosomiasis? Bonus (won't hurt for risking points) How many groups got it right?
2. Ronald Ross received the 2nd Nobel Prize awarded in Physiology or Medicine in 1902 for his work on what ?
3. What bacteria is the leading cause of blindness from infectious disease worldwide?

Round 4

1. In November 2010, 28 people became sick with Dengue Fever in the US for the first time in 65 years. What state?
2. What is the largest human parasite?
3. Approximately 60-70% of traveler's diarrhea can be linked to two bacterial causes. E. coli and which other microbe?

Round 5- The Did you read our posters round

1. What disease might be treated with a prescription for a Gin and Tonic?
2. In Brazil, what is the annual amount of money from lost work due to Chagas Disease?

3. How many days of work does someone with Schistosomiasis (trematode infection) lose because they can't get access to treatment?

Round 6

1. What tropical disease was the first effective disease for Syphilis?
2. Which of the following is not listed by WHO as one of the 17 high impact neglected tropical disease?
 - A. Dengue
 - B. Rabies
 - C. Leprosy
 - D. Gonorrhoea
3. What "Who's the Boss" Star is Ambassador for the Global Network of Neglected Tropical Diseases?

Round 7

1. Which pharmaceutical company has donated over 70 million treatments of the drug ivermectin per year since 1987 to treat onchocerciasis?
 - A. Merck
 - B. Pfizer
 - C. Johnson and Johnson
 - D. Bayer
2. What vector is Leishmaniasis transmitted by?
3. How do you spell Onchocerciasis

Round 8

1. Which of the following has proven to be the most efficient way to prevent the spread of guinea worm?
 - A. Vaccination
 - B. Mosquito nets
 - C. Water filtration
 - D. Homeopathy
2. How much does it cost to fully treat someone infected with Schistosomiasis?
 - A. Less than \$5
 - B. less than \$1
 - C. less than .25
 - D. less than .05
3. What physician who first discovered the leprosy causing bacteria, is also a name for the disease it causes?

Answers

Round 1

1Q: Approximately how many children infected with *Trypanosoma cruzi* (Chagas) can received treatment for \$1?

1A: 8

2Q: Only 2 drugs exist for treatment of Chagas in it's acute phase. Name 1.

2A: **nifurtimox** and **benznidazole**

3Q: Ethylene glycol is a sweet-tasting component of the drug formulations for Chagas. What other common product contains this chemical?

3A: Anti-freeze

Round 2

1Q: 1 in how many people on earth are affected by neglected tropical diseases?

1A: 1 in 6 or (1 in 7 is acceptable)

2Q: Which of these countries has the most number of new cases of leprosy per year?

- A. Haiti
- B. China
- C. Brazil
- D. India

2A: **D, India**

3Q: Apart from location in a tropical area, what other distinguishing factor does the World Health organization use to define a disease as a "Neglected Tropical Disease". In other words, what does the "Neglected" mean.

3A: Population it infects (Poor)

Round 3

1Q: How do you spell Schistosomiasis? (Bonus Question: How many groups got it right?)

1A: Schistosomiasis

2Q: Ronald Ross received the 2nd Nobel Prize awarded in Physiology or Medicine in 1902 for his work on what ?

2A: Malaria is spread by Mosquito

3Q: What bacteria is the leading cause of blindness from infectious disease worldwide?

3A: [Chlamydia trachomatis](#)

Round 4

1Q: In November 2010, 28 people became sick with Dengue Fever in the US for the first time in 65 years. What state? (Bonus Question: What city?)

1A: Florida (Miami)

2Q: What is the largest human parasite?

2A: Tape worm (*Taenia saginata*) gets 8-10 meters

3Q: Approximately 60-70% of traveler's diarrhea can be linked to two bacterial causes. *E. coli* and which other microbe?

3A: *Vibrio cholera*

Round 5 ("Did you read our posters" round?)

1Q: What disease might be treated with a prescription for a Gin and Tonic

1A: Malaria

2Q: In Brazil, how much money is estimated from lost work due to Chagas Disease?

2A: \$5.6 Million dollars

3Q: How many days of work does someone with Schistosomiasis (trematode infection) lose because they can't get access to treatment?

3A: 45.4

Round 6

1Q: What tropical disease was the first effective disease for Syphilis?

1A: Malaria

2Q: Which of the following is not listed by WHO as one of the 17 high impact neglected tropical disease?

- A. Dengue
- B. Rabies
- C. Leprosy
- D. Gonorrhoea

2A: **D, Gonorrhoea**

3Q: What "Who's the Boss" Star is Ambassador for the Global Network of Neglected Tropical Diseases?

3A: Alyssa Milano

Round 7

1Q: Which pharmaceutical company has donated over 70 million treatments of the drug ivermectin per year since 1987 to treat onchocerciasis?

- A. Merck
- B. Pfizer
- C. Johnson and Johnson
- D. Bayer

1A: Merck

2Q: What vector is Leishmaniasis transmitted by?

2A: Sand Fly

3Q: How do you spell Onchocerciasis?

3A: Onchocerciasis?

Round 8

1Q: Which of the following has proven to be the most efficient way to prevent the spread of guinea worm?

- A. Vaccination
- B. Mosquito nets
- C. Water filtration
- D. Homeopathy

1A: Water filtration

2Q How much does it cost to fully treat someone infected with Schistosomiasis?

- A. Less than \$5
- B. less than \$1
- C. less than 25 cents
- D. less than 5 cents

2A: Less than 25 cents

3Q: What physician who first discovered the leprosy causing bacteria, is also a name for the disease it causes?

3A: Gerhard Henrik Hansen