

RS- Microbiology

Archive

Lecture 8

Respiratory Bacterial
Infections

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1. In *Pseudomonas aeruginosa*, pyocyanin gives bluish pigment; pyoverdine gives pigment?

- A) Yellow
- B) Greenish
- C) Reddish
- D) Brownish

✓ Answer: B) Greenish

2. Organism that is found in soil, water, and air is ?

- A) *Staphylococcus aureus*
- B) *Pseudomonas aeruginosa*
- C) *Bacillus anthracis*
- D) *Escherichia coli*

✓ Answer: C) *Bacillus anthracis*

3. Period that *Bacillus anthracis* can persist in dry earth:

- A) 8–10 days
- B) 8–10 weeks
- C) For years
- D) For months

✓ Answer: C) For years

4. All of the following are true about *Pseudomonas aeruginosa* except:

- A) Occurs in victims of extensive burns
- B) Has a propensity to invade blood vessels at the site of infection, with consequent extrapulmonary spread
- C) Histologic examination shows *pseudomonas vasculitis*
- D) Causes infection in neutropenic and immunocompromised patients
- E) Lymphocytic patient

✓ Answer: E) Lymphocytic patient

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5. Which bacterium is most commonly associated with the production of a greenish pigment when cultured?

- A) Escherichia coli
- B) Staphylococcus aureus
- C) Pseudomonas aeruginosa
- D) Bacillus subtilis

✓ Answer: C) Pseudomonas aeruginosa

6. Example of a lung infection that requires a drug-resistant approach:

✓ Answer: Pseudomonas (Pseudomonal pneumonia)

“اللَّهُمَّ إِنَّكَ طَيِّبٌ لَا تَقْبَلُ إِلَّا طَيِّبًا، فَاجْعَلْنَا مِمَّنْ طَابَ قَلْبُهُ وَعِلْمُهُ وَعَمَلُهُ فَجَعَلْتَهُ مَتَقَبَلًا”

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