

# Immunology in Nature

Immunology · Answer Key · 9 Questions

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**1. What is the primary role of an animal's immune system?**

- A) To defend against diseases**
- B) To help the animal sleep
- C) To change the animal's color
- D) To digest food faster

**2. Which part of the immune system do all animals, including insects, possess?**

- A) The skeleton
- B) Innate immunity**
- C) Lungs
- D) Feathers

**3. What are the 'Y-shaped' proteins produced by an animal's immune system to identify germs called?**

- A) Hormones
- B) Enzymes
- C) Antibodies**
- D) Vitamins

**4. Which organ in young mammals is responsible for the maturation of T-cells?**

- A) Stomach
- B) Liver
- C) Kidney
- D) Thymus**

**5. What is the name of the first milk produced by mammals that is rich in antibodies for their young?**

- A) Colostrum**
- B) Glucose
- C) Lactose
- D) Casein

**6. What is the primary physical barrier that prevents pathogens from entering a land animal's body?**

- A) Hair
- B) Skin**
- C) Muscle
- D) Fat

**7. Which specific type of blood cells are known for fighting infections in animals?**

**A) White blood cells**

B) Red blood cells

C) Platelets

D) Plasma cells

**8. In nature, what is the term for a natural increase in body temperature used to help fight germs?**

A) Hibernation

**B) Fever**

C) Sweating

D) Panting

**9. Which group of fish was among the first to develop a complex adaptive immune system?**

A) Goldfish

B) Jellyfish

**C) Sharks**

D) Starfish