

### **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the molecular level in animals.**

### **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the cellular level in animals.**

### **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the tissue level in animals.**

### **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the organ level in animals.**

### **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the organism level in animals.**

### **STRUCTURE & FUNCTION**

**Describe how the physical properties of water contribute to transpiration**

### **STRUCTURE & FUNCTION**

**Describe how the physical properties of water contribute to plasma membrane structure**

### **STRUCTURE & FUNCTION**

**Describe how the physical properties of water contribute to thermoregulation in endotherms**

## **STRUCTURE & FUNCTION**

**Discuss the levels of protein structure & the role of specific bonds at each level**

## **STRUCTURE & FUNCTION**

**Discuss how the structure of a protein affects enzyme activity**

## **STRUCTURE & FUNCTION**

**Discuss the difference in structure between cellulose & starch & how that affects digestion in animals**

## **STRUCTURE & FUNCTION**

**Discuss how the structure of a protein affects a muscle contraction.**

## **STRUCTURE & FUNCTION**

**Describe an adaptation that increases surface area in an animal system. Explain how this improves the function of the system**

## **STRUCTURE & FUNCTION**

**Describe a countercurrent exchange system & explain its adaptive advantage**

## **STRUCTURE & FUNCTION**

**Describe a function that requires the conformational change of a protein**

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## **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the molecular level in plants.**

## **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the cellular level in plants.**

## **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the tissue level in plants.**

## **STRUCTURE & FUNCTION**

**Describe an example of a structure-function relationship at the organism level in plants.**

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