

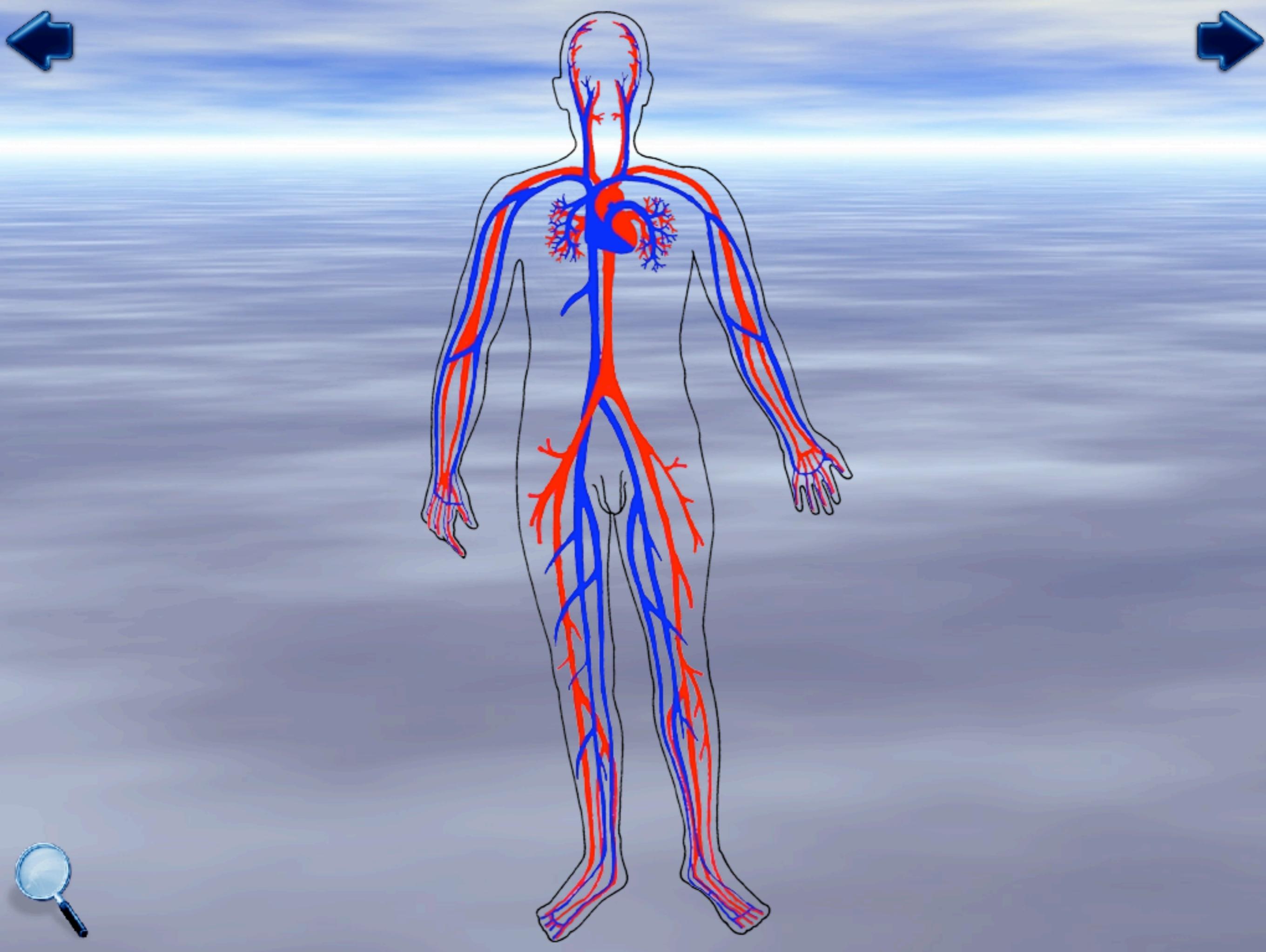


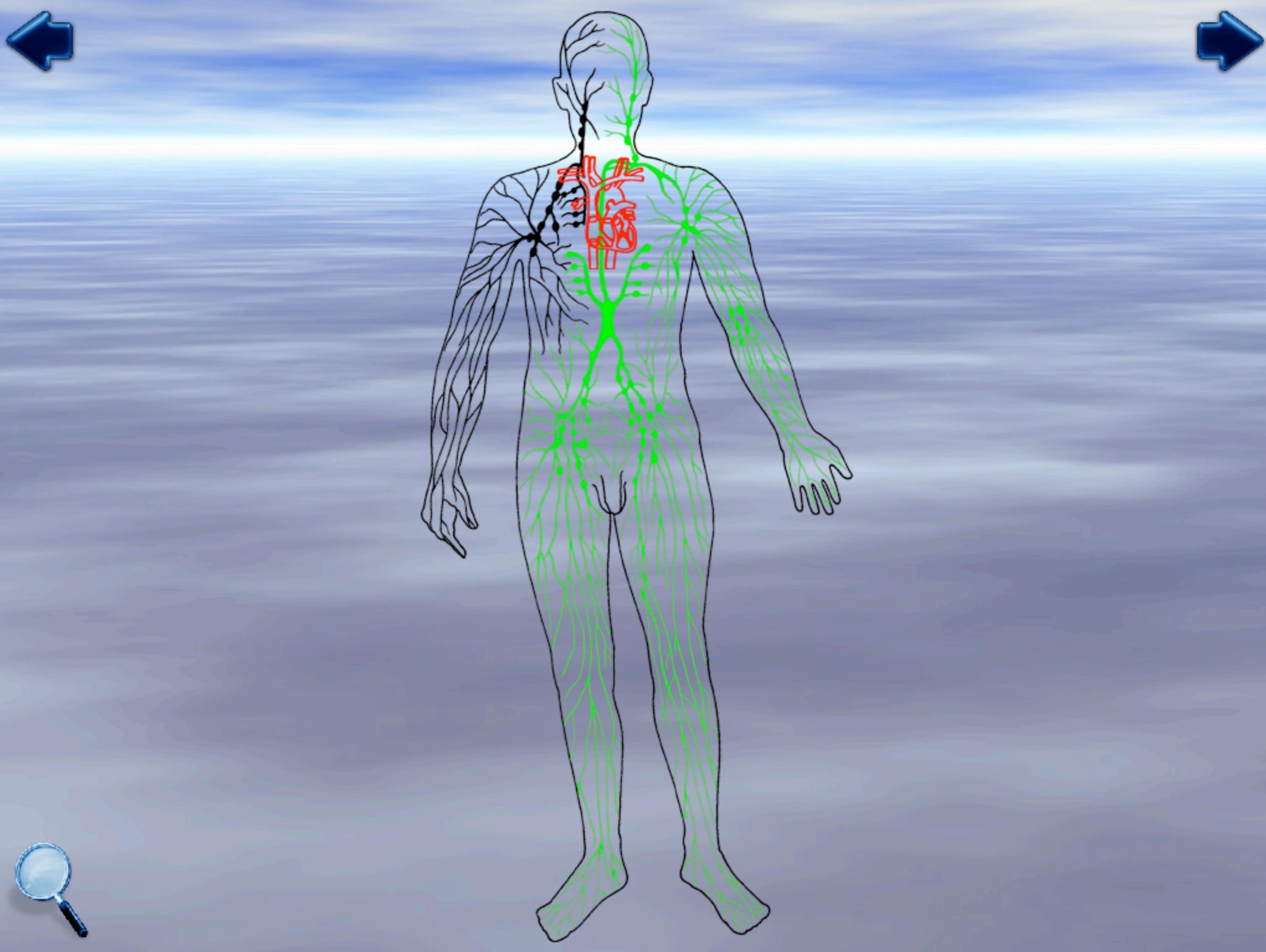
# **VEGFR-3 Ligands and Lymphangiogenesis**

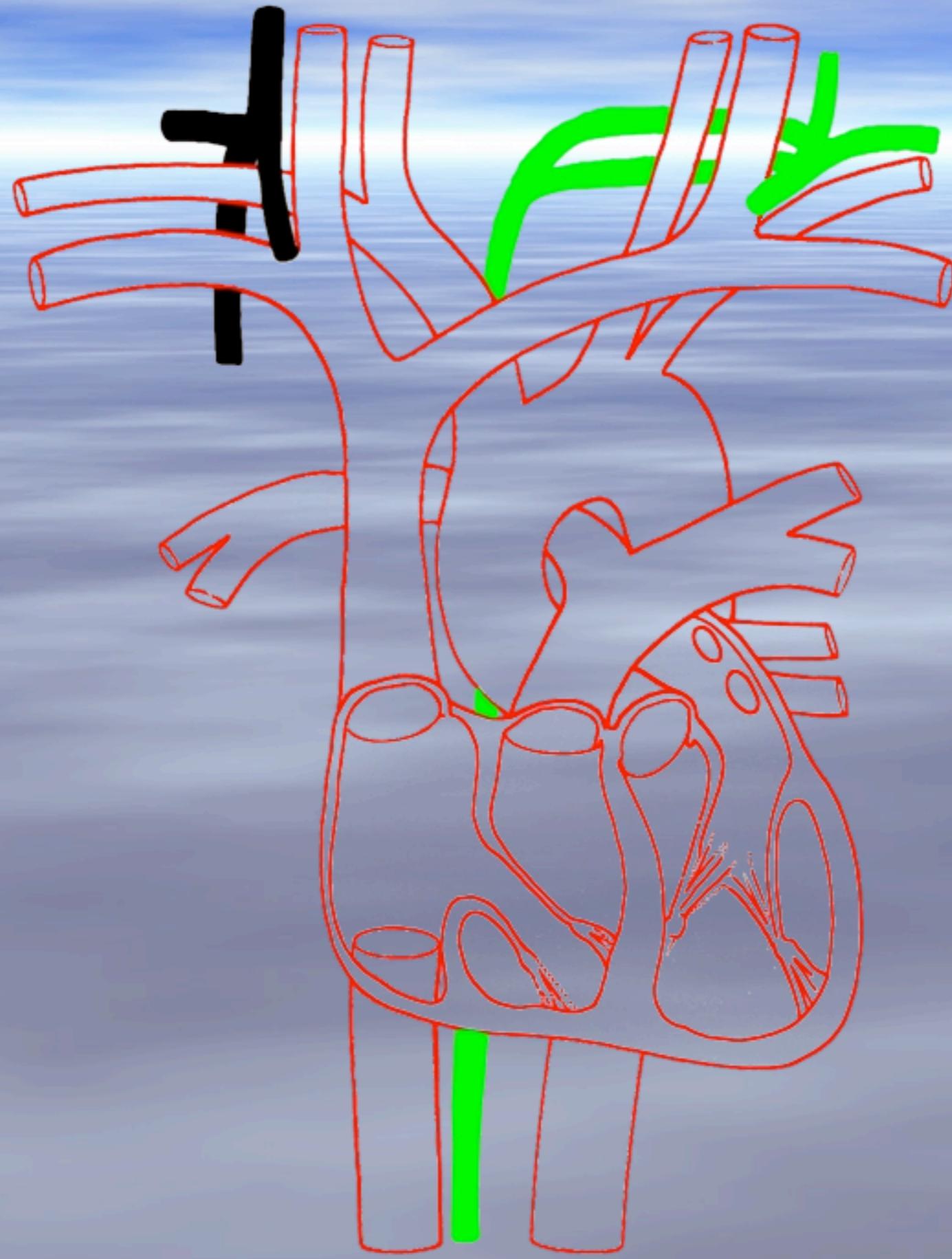
**Michael Jeltsch**

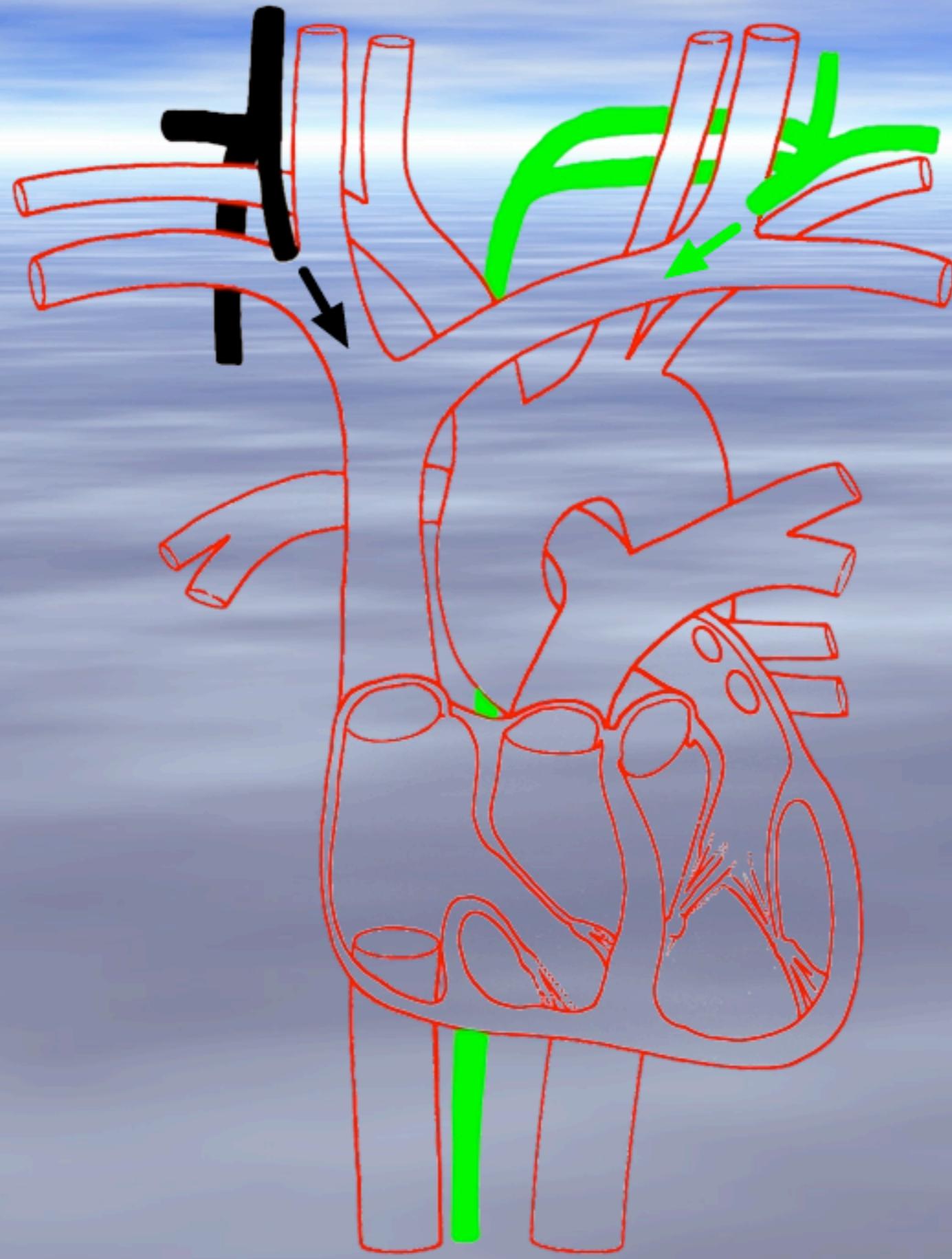


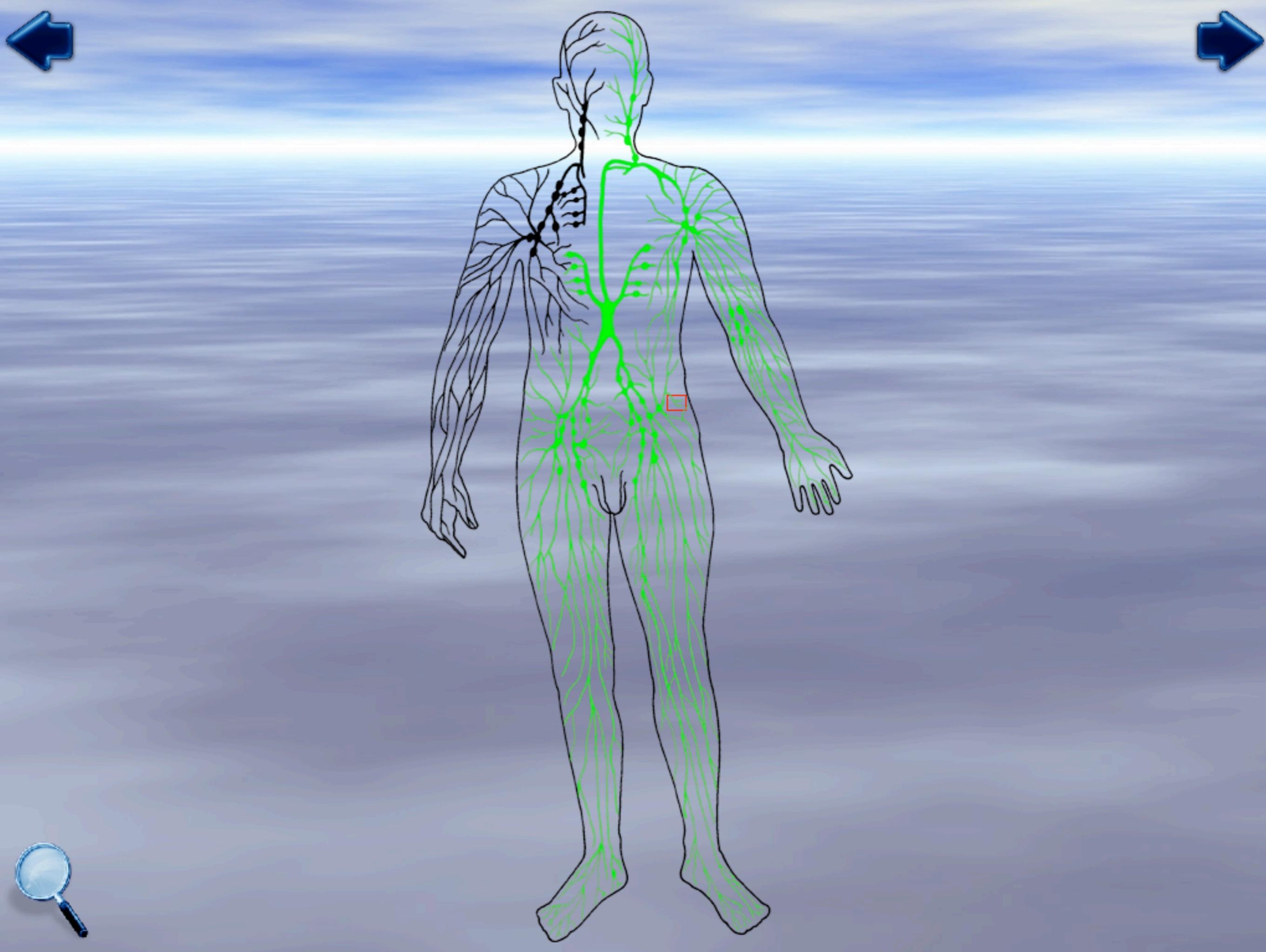




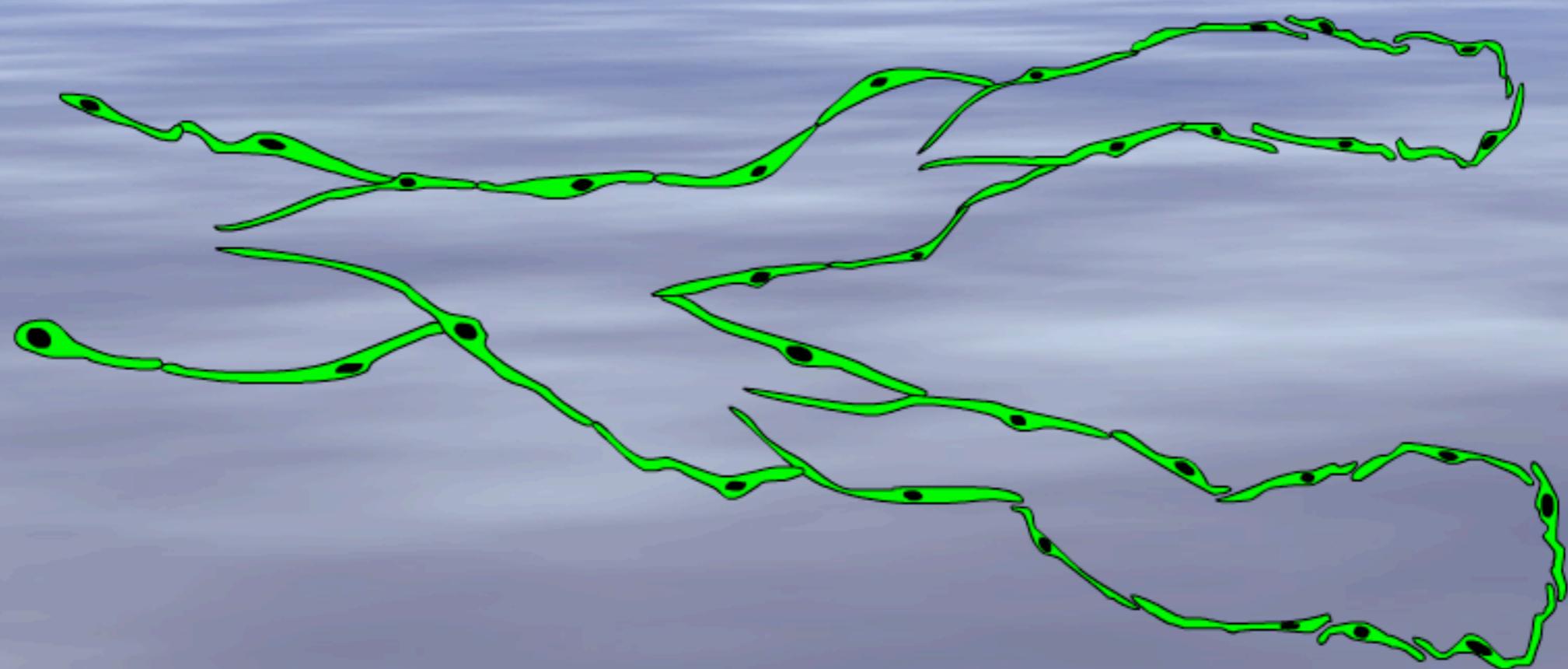


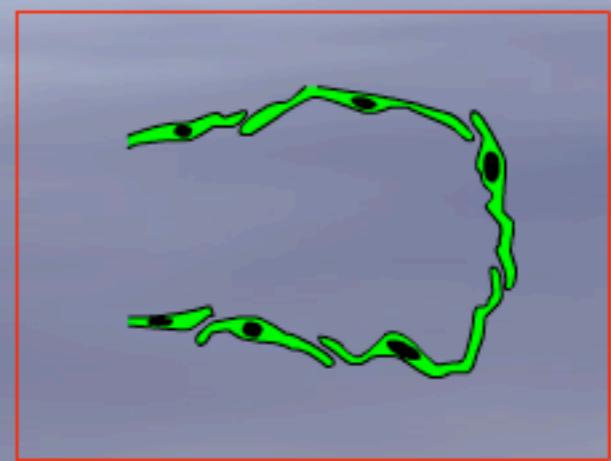


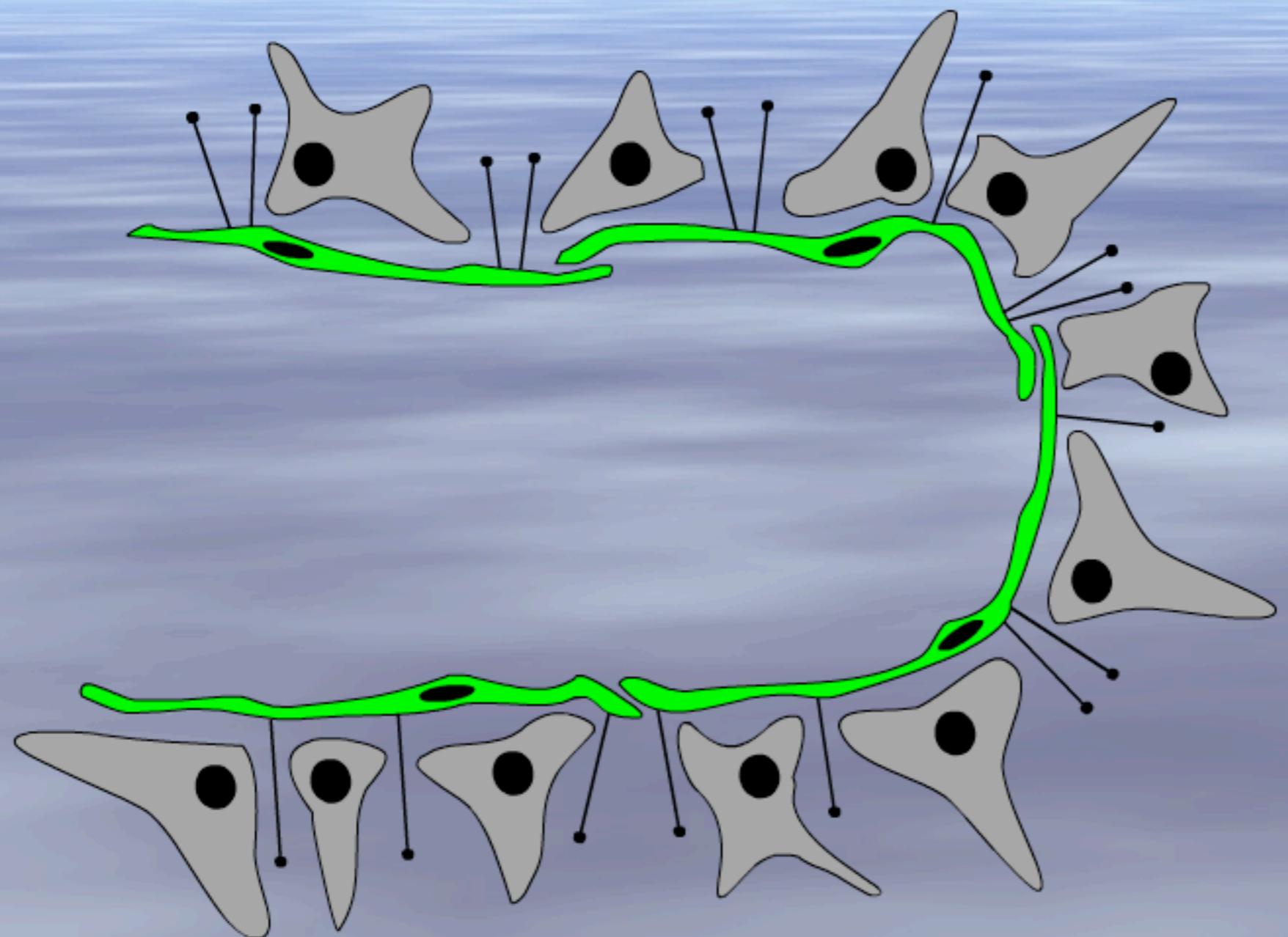


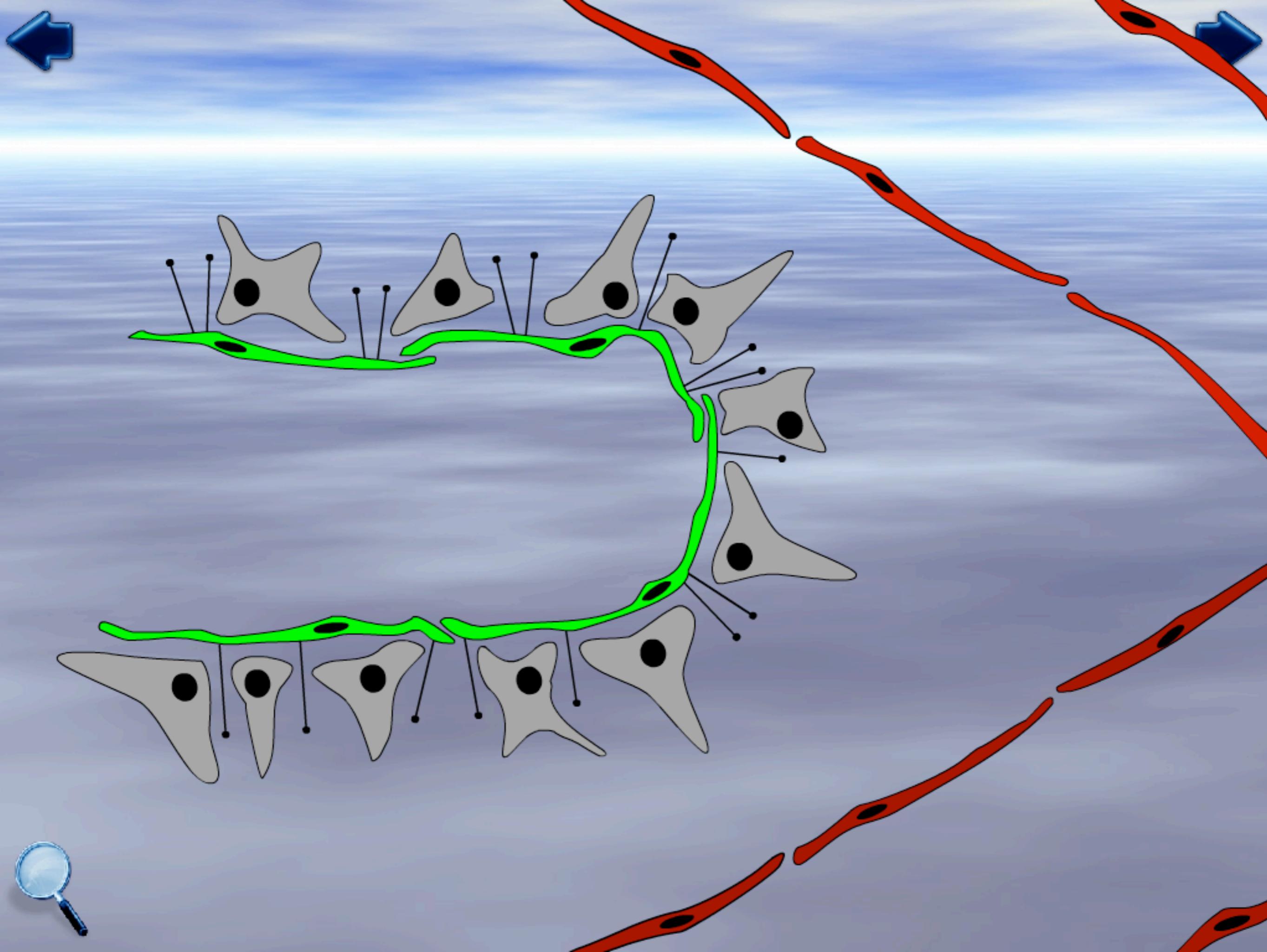


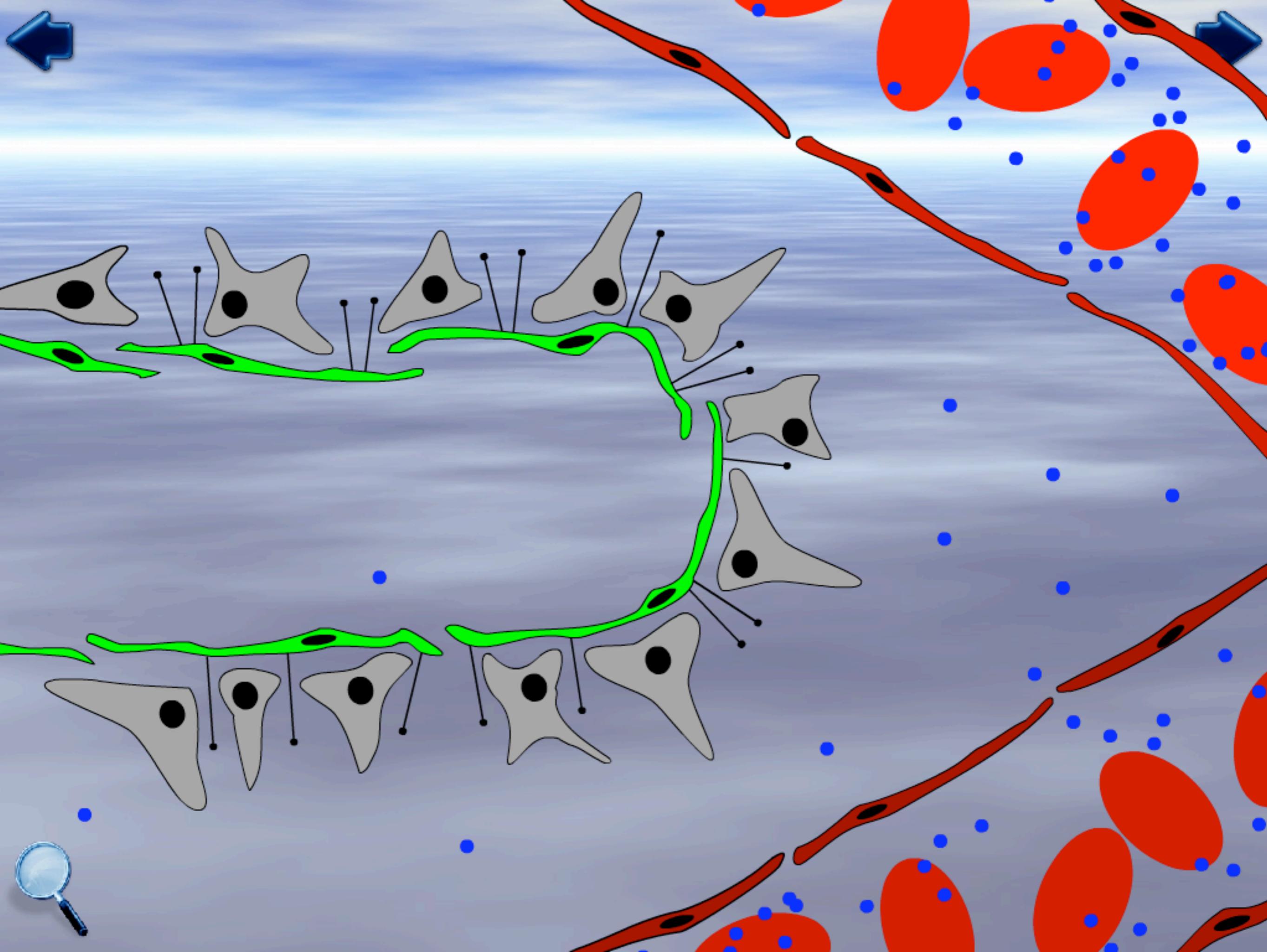














# **Functions of the Lymphatic System**

**Drainage**



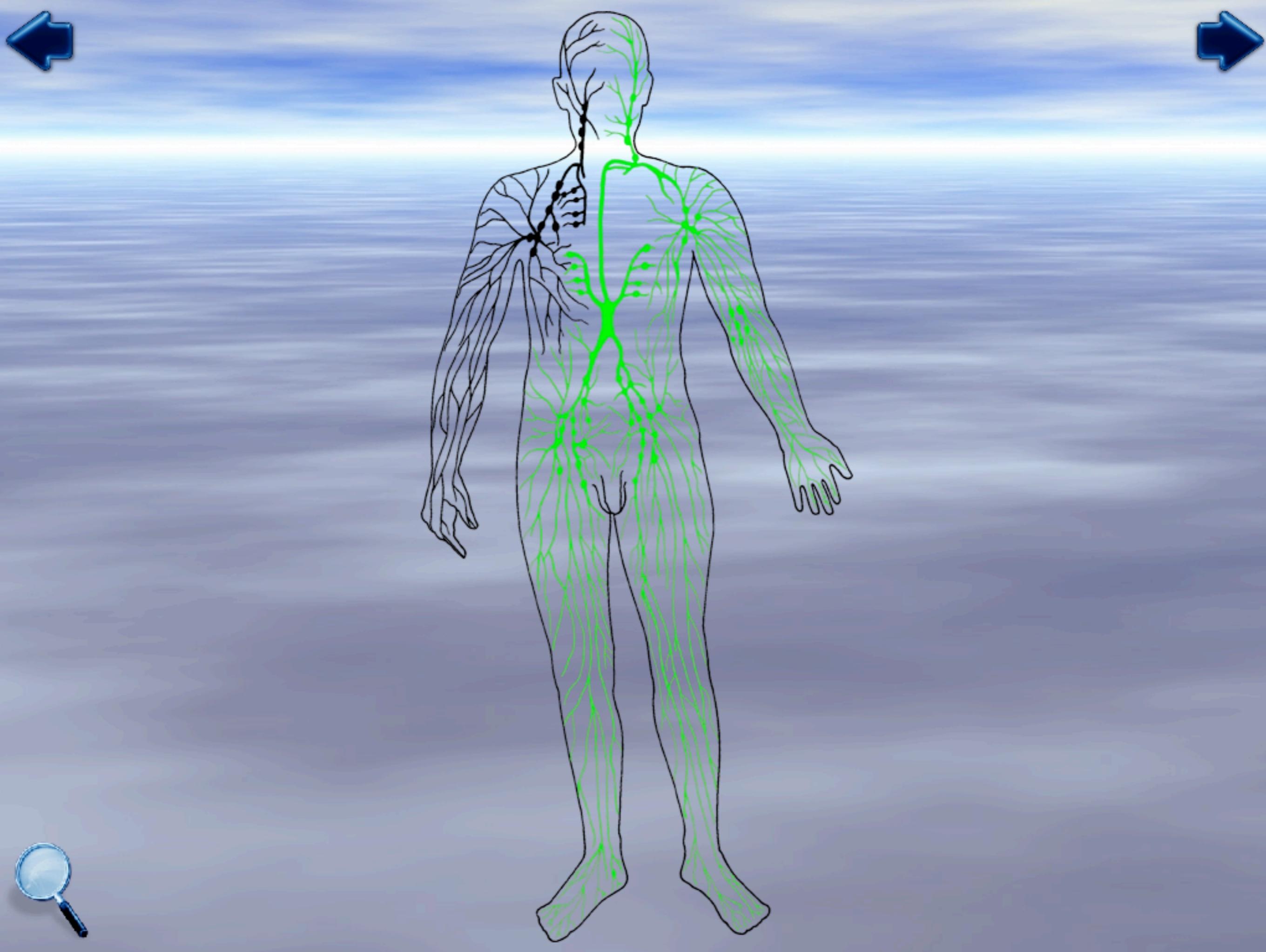


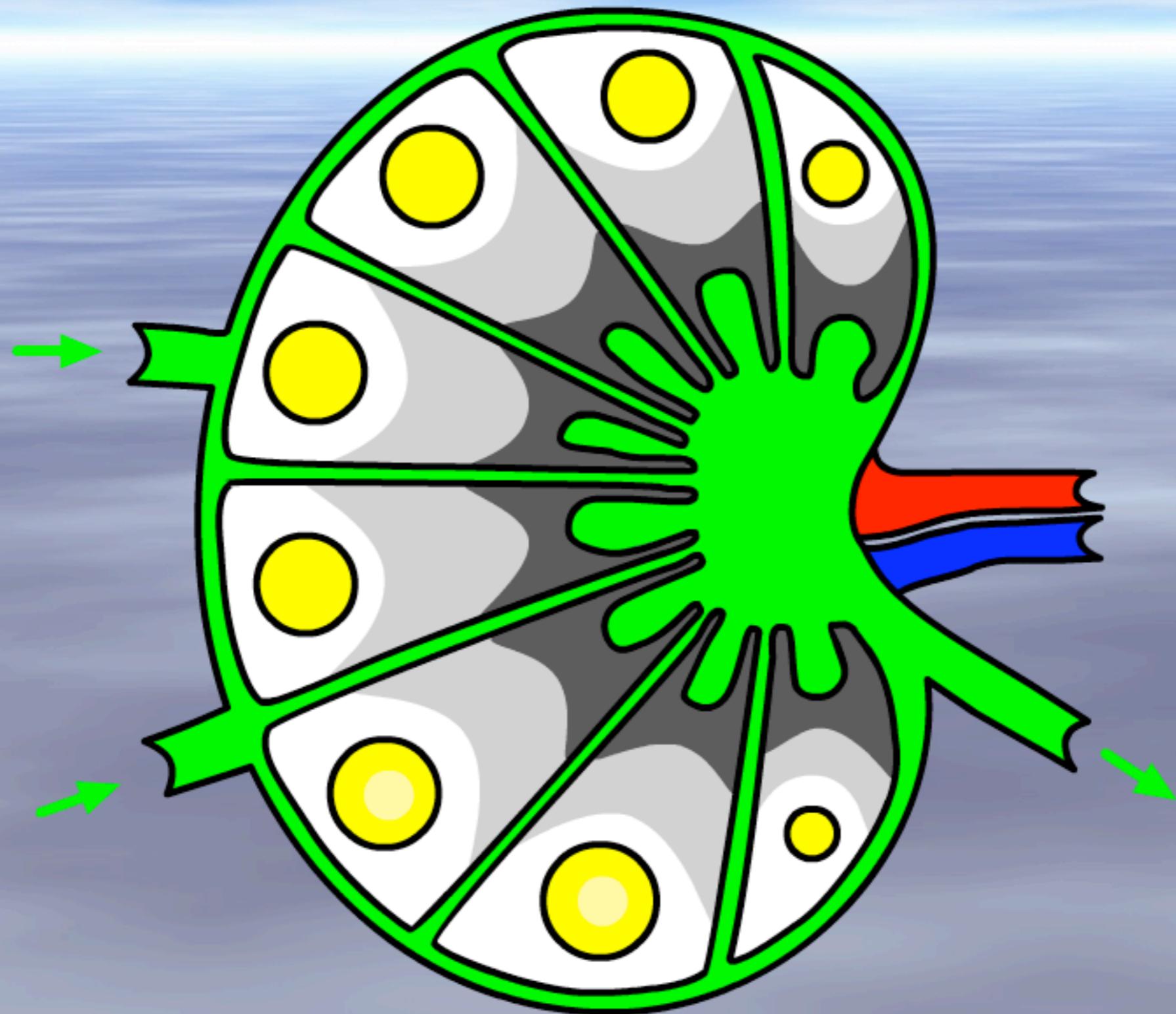
# **Functions of the Lymphatic System**

**Drainage**

**Immune Defence**









# **Functions of the Lymphatic System**

**Drainage**

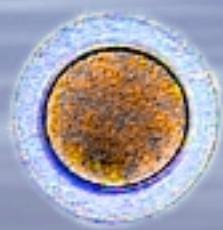
**Immune Defence**

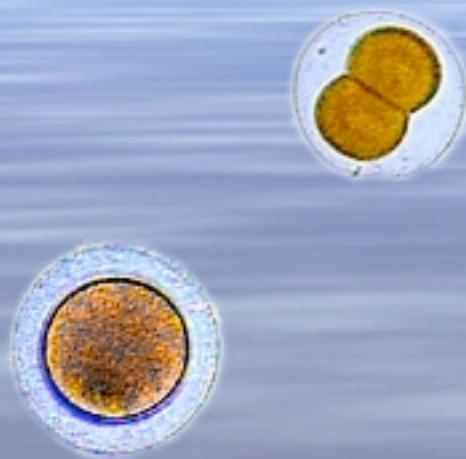
**Intestinal Absorption**

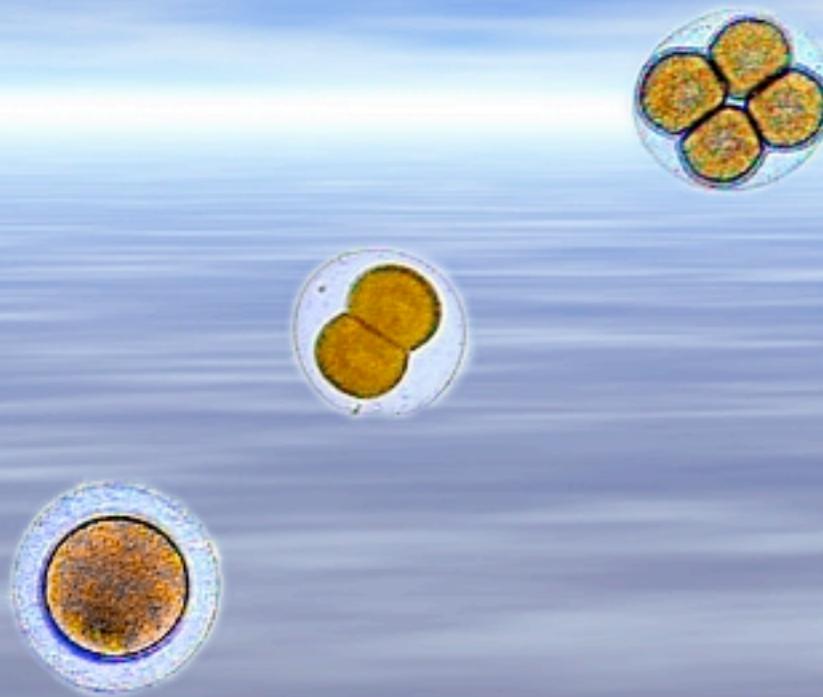


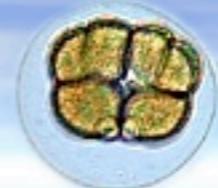
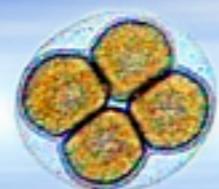
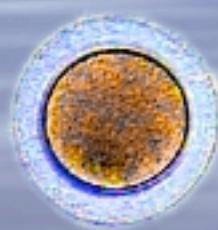


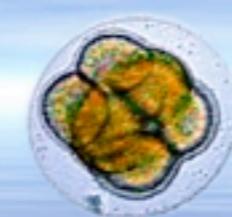
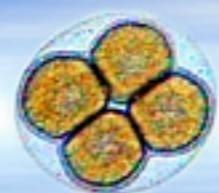
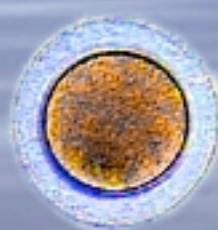




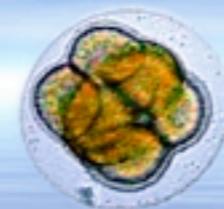
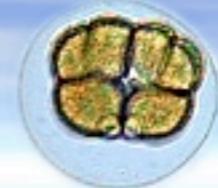
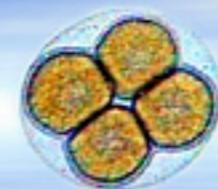
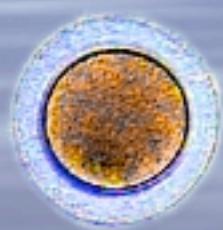








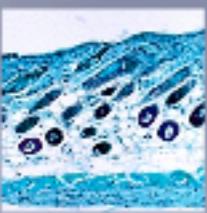




**ectoderm**

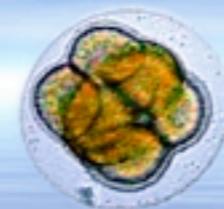
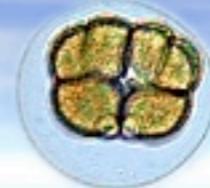
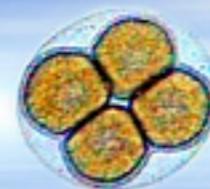
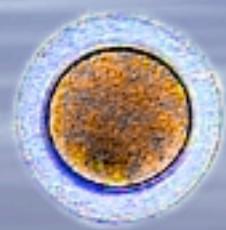


**brain**



**skin**

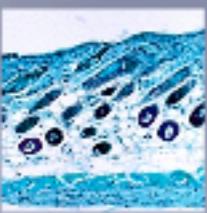




**ectoderm**

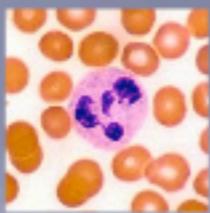


**brain**

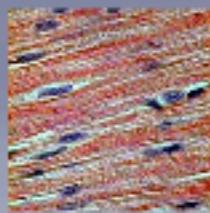


**skin**

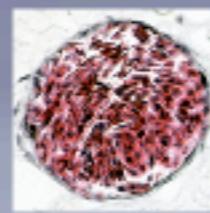
**mesoderm**



**blood**

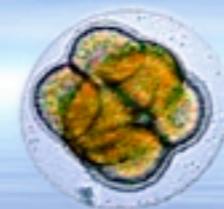
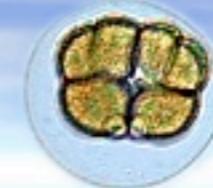
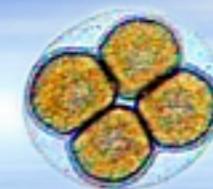
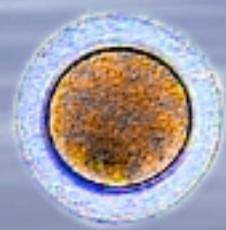


**muscle**

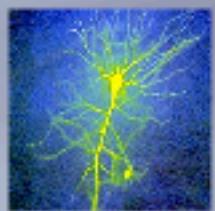


**vessels**

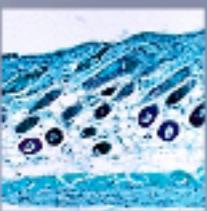




**ectoderm**

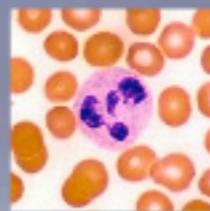


**brain**

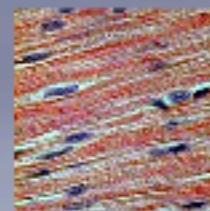


**skin**

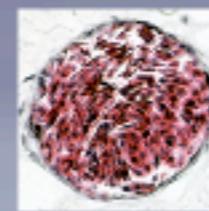
**mesoderm**



**blood**

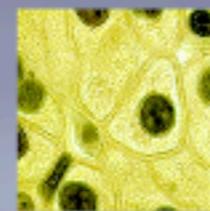


**muscle**

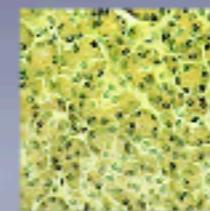


**vessels**

**endoderm**

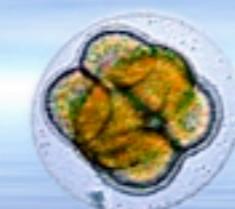
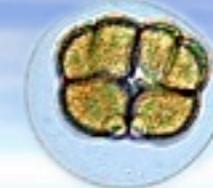
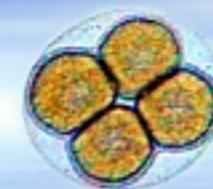
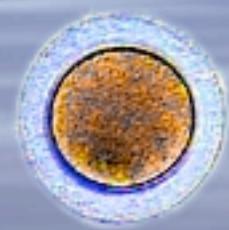


**liver**



**pancreas**

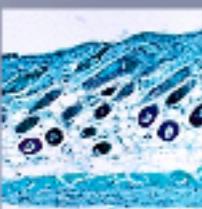




**ectoderm**

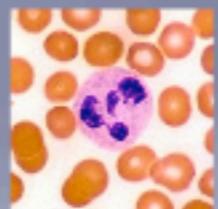


**brain**

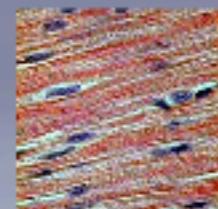


**skin**

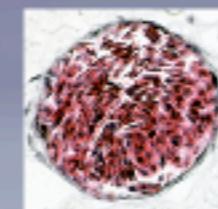
**mesoderm**



**blood**

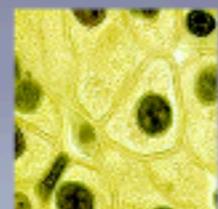


**muscle**

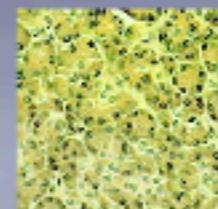


**vessels**

**endoderm**

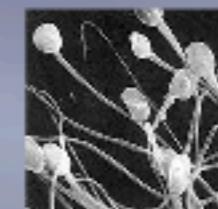


**liver**

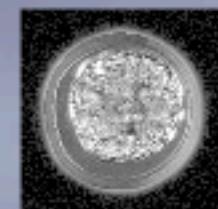


**pancreas**

**germ line**

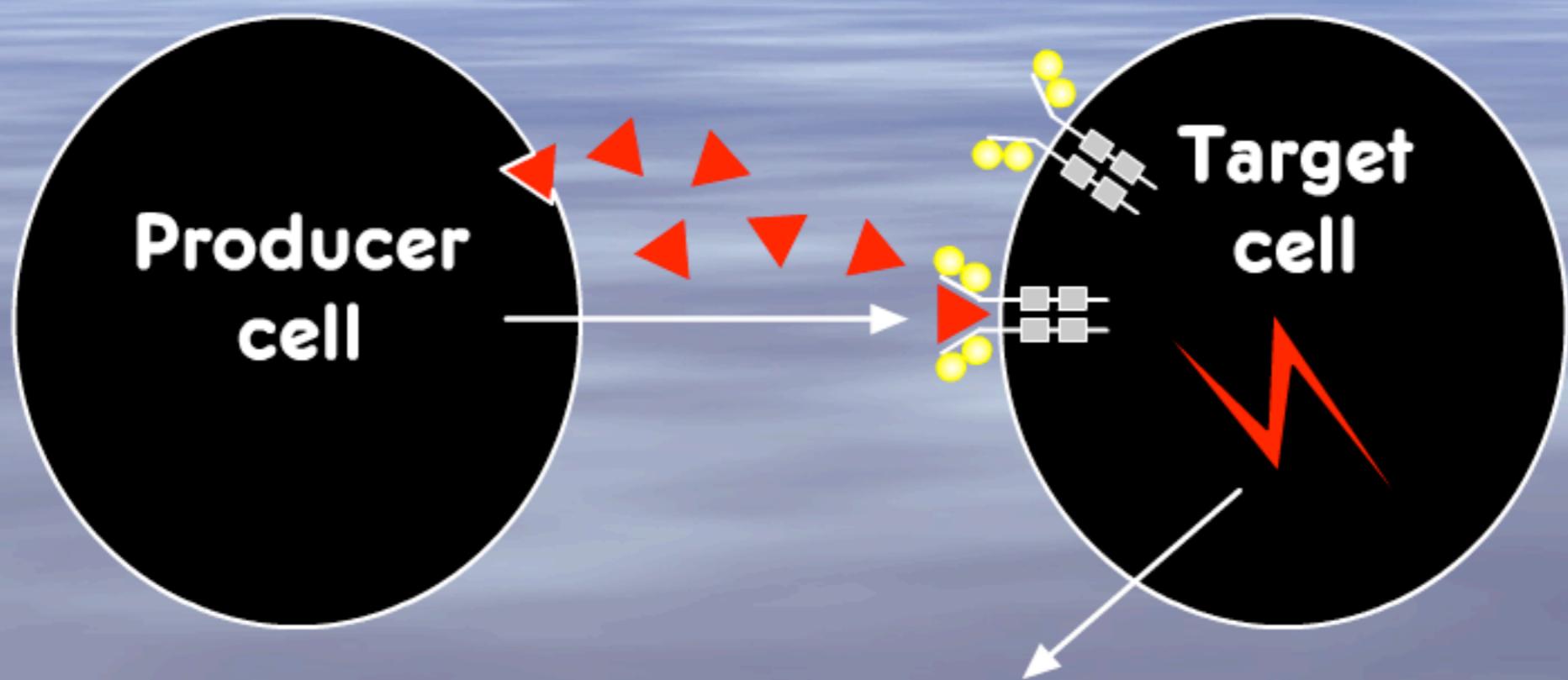


**sperm**



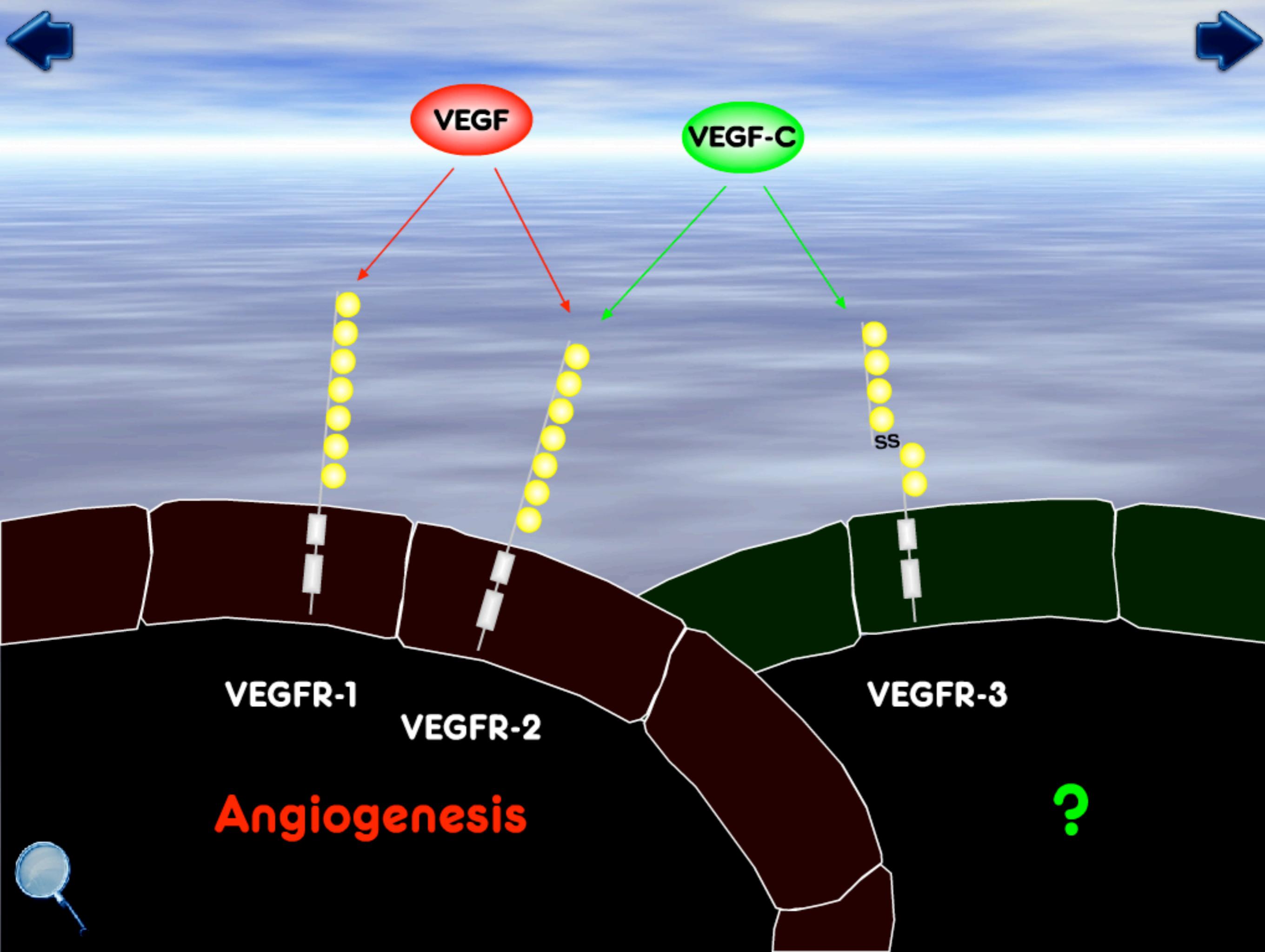
**egg**



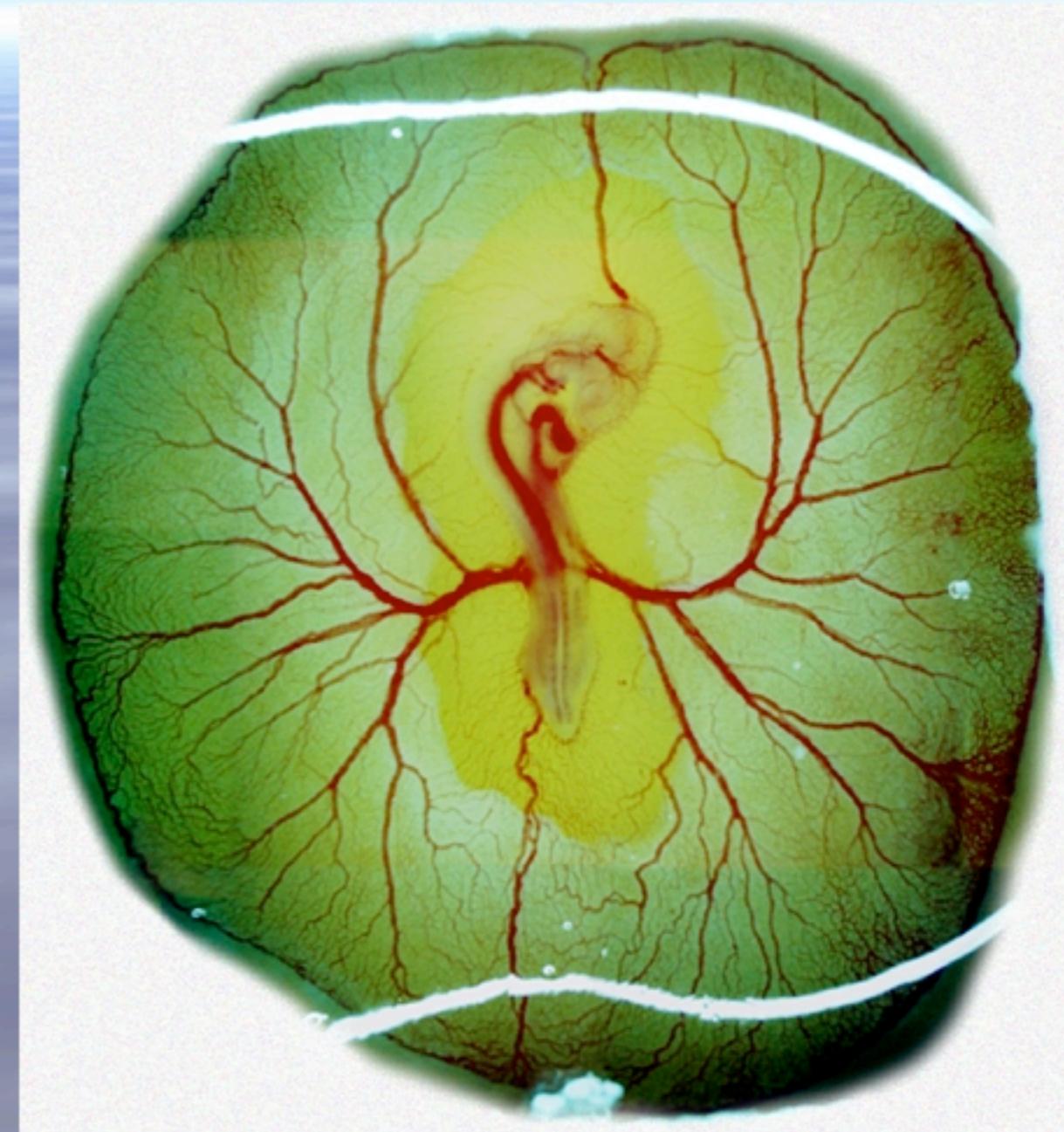


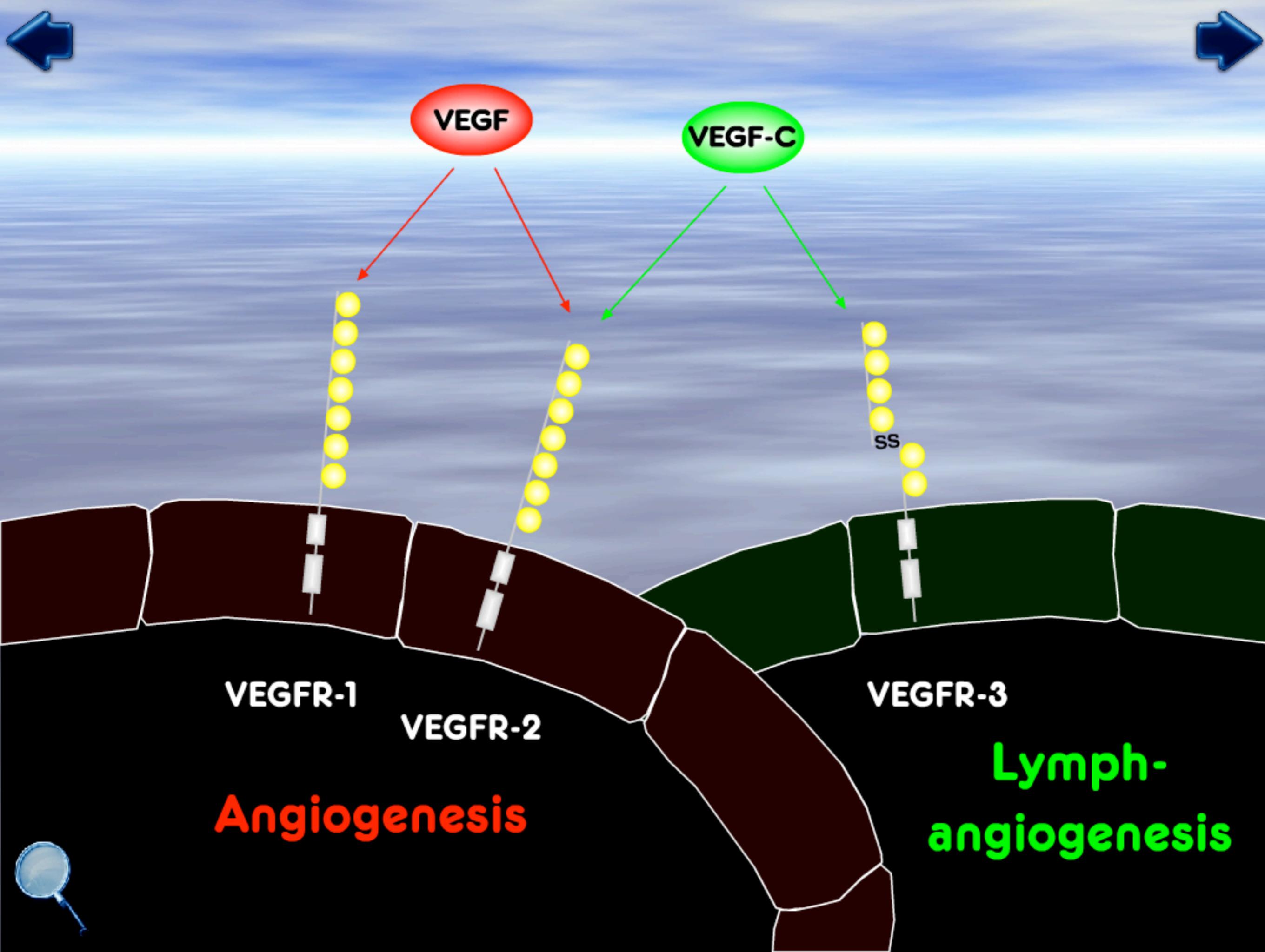
**BIOLOGICAL  
RESPONSE**

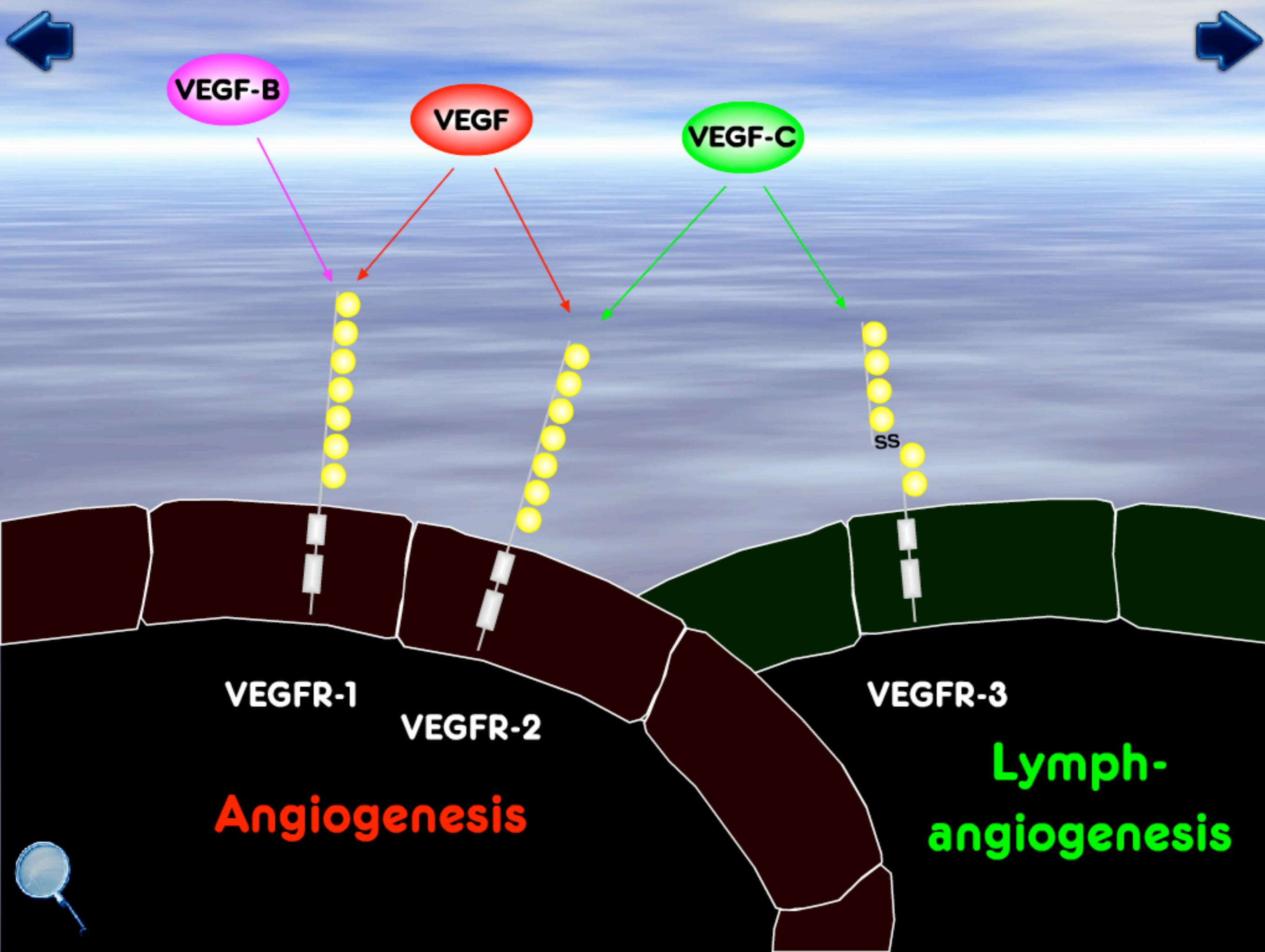


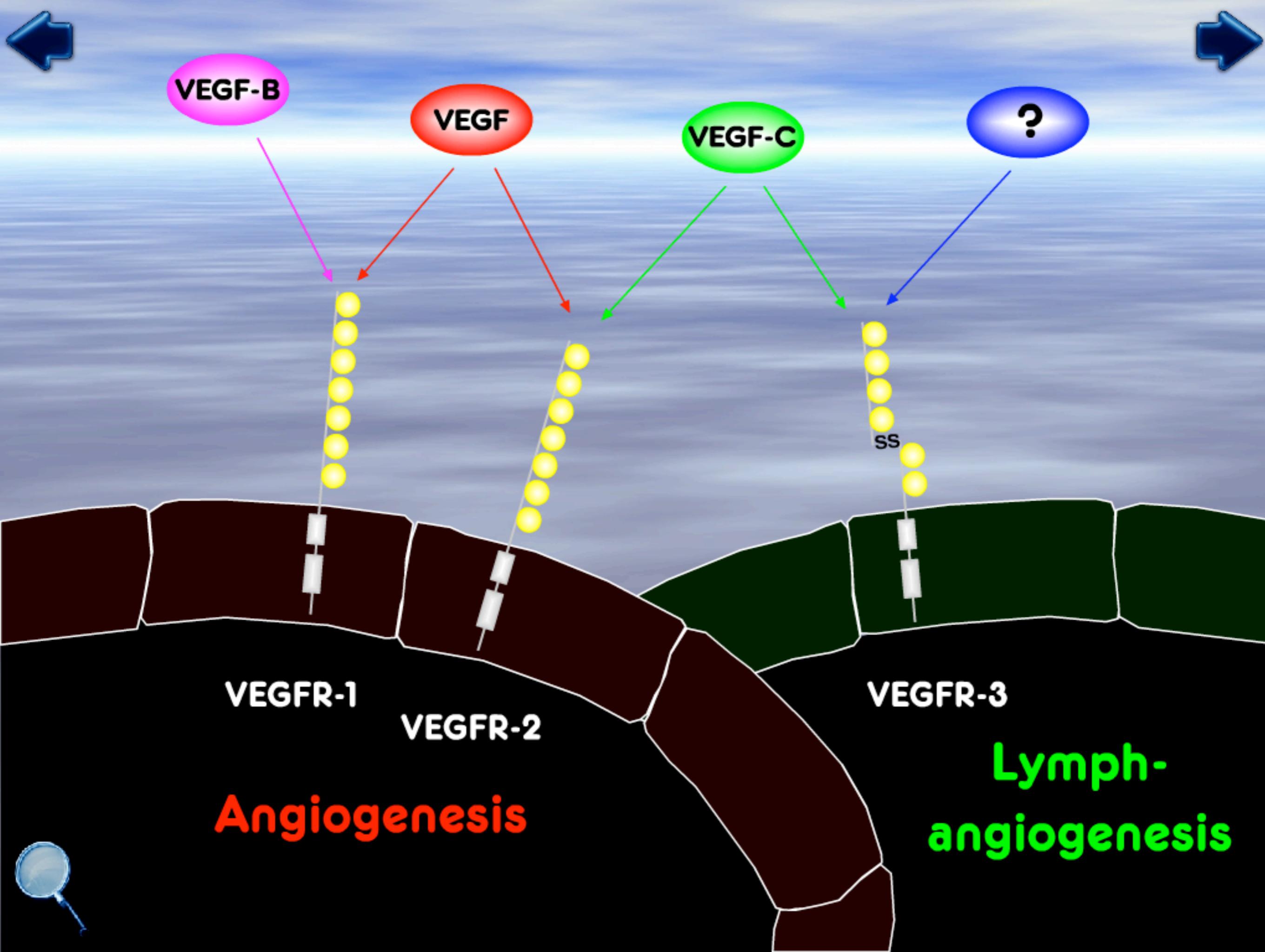


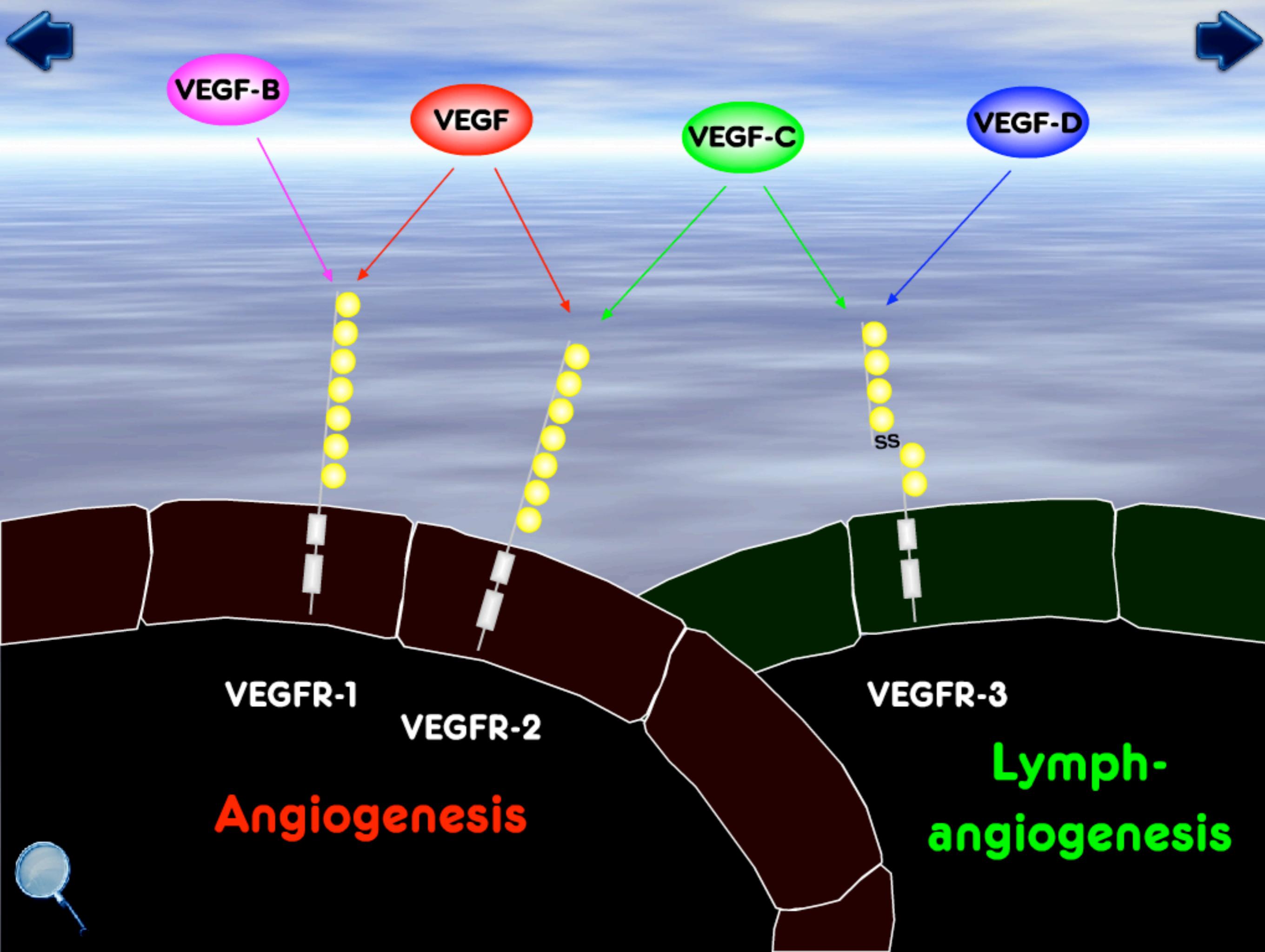


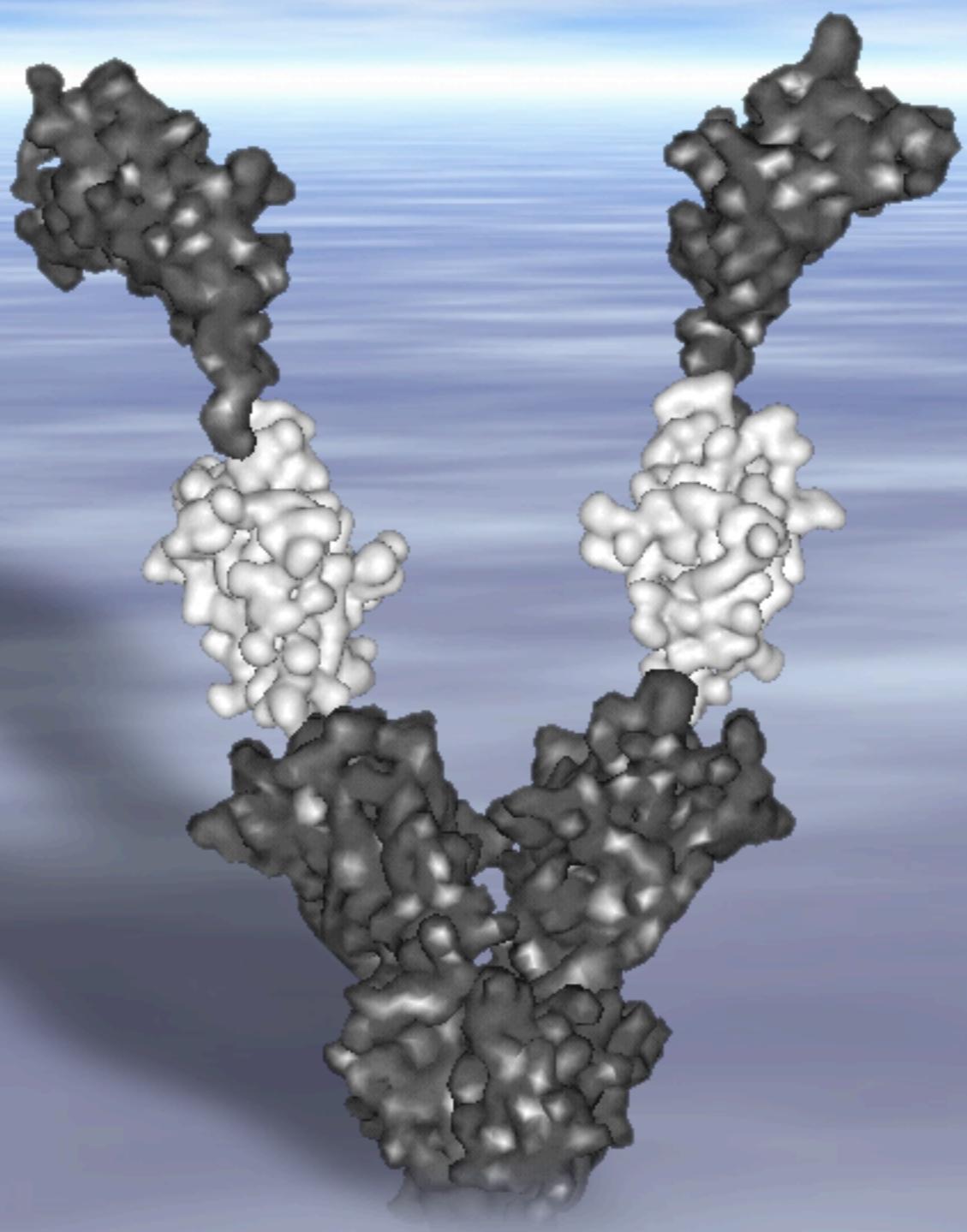


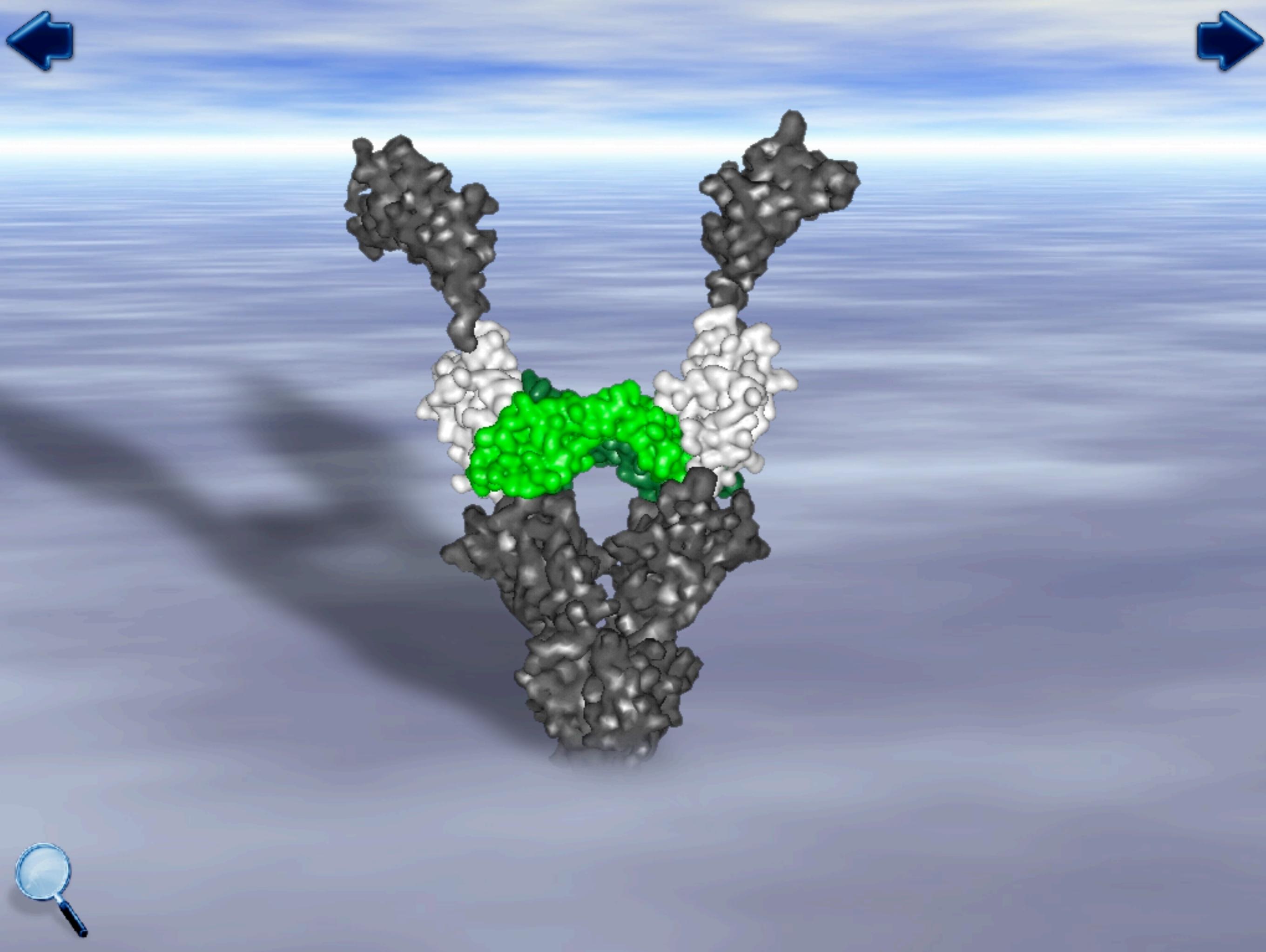


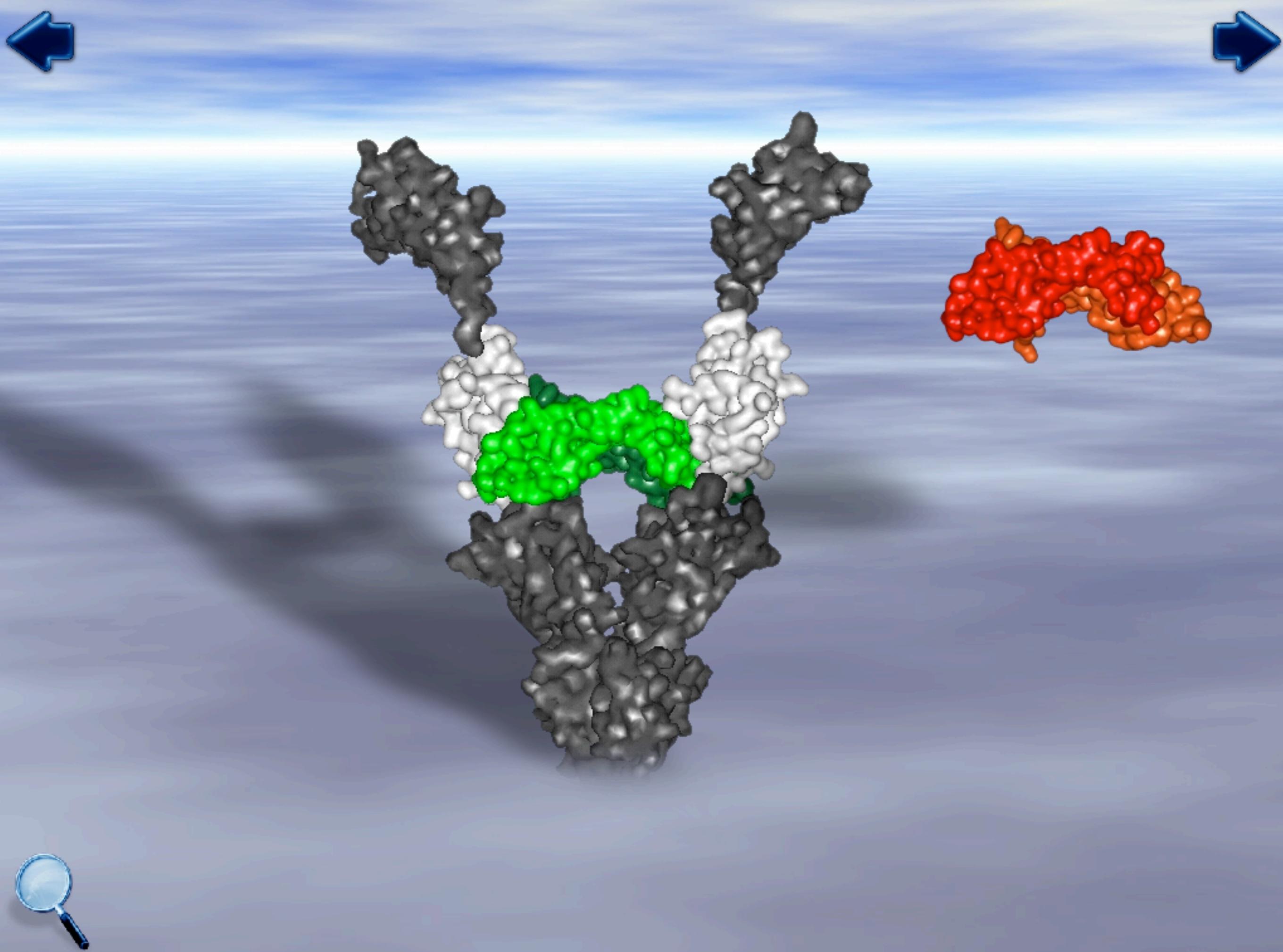


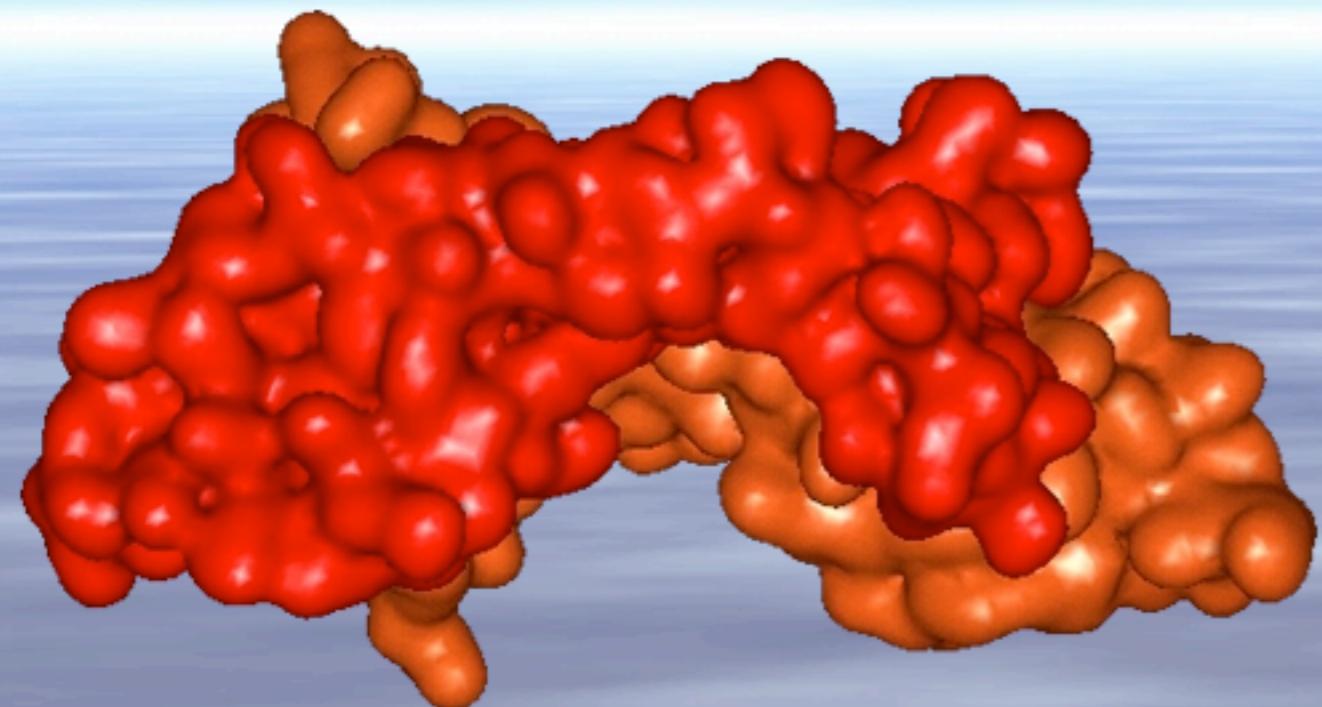




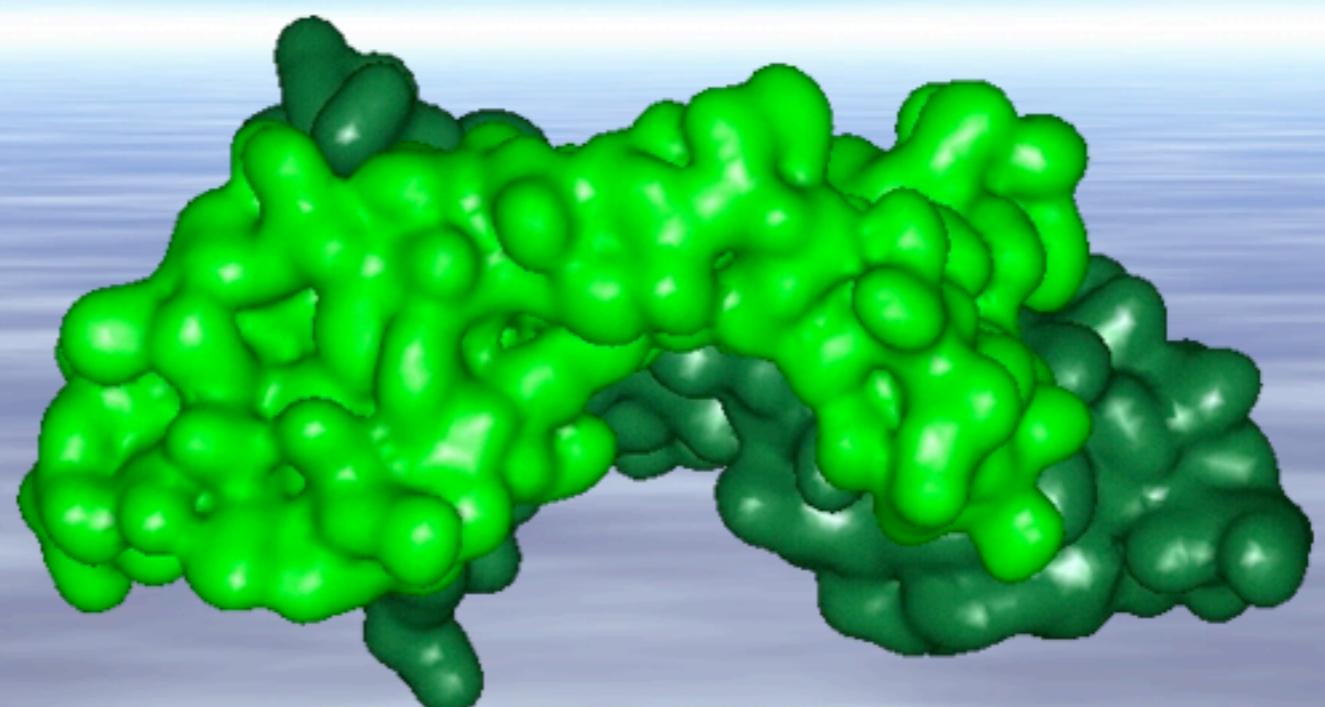






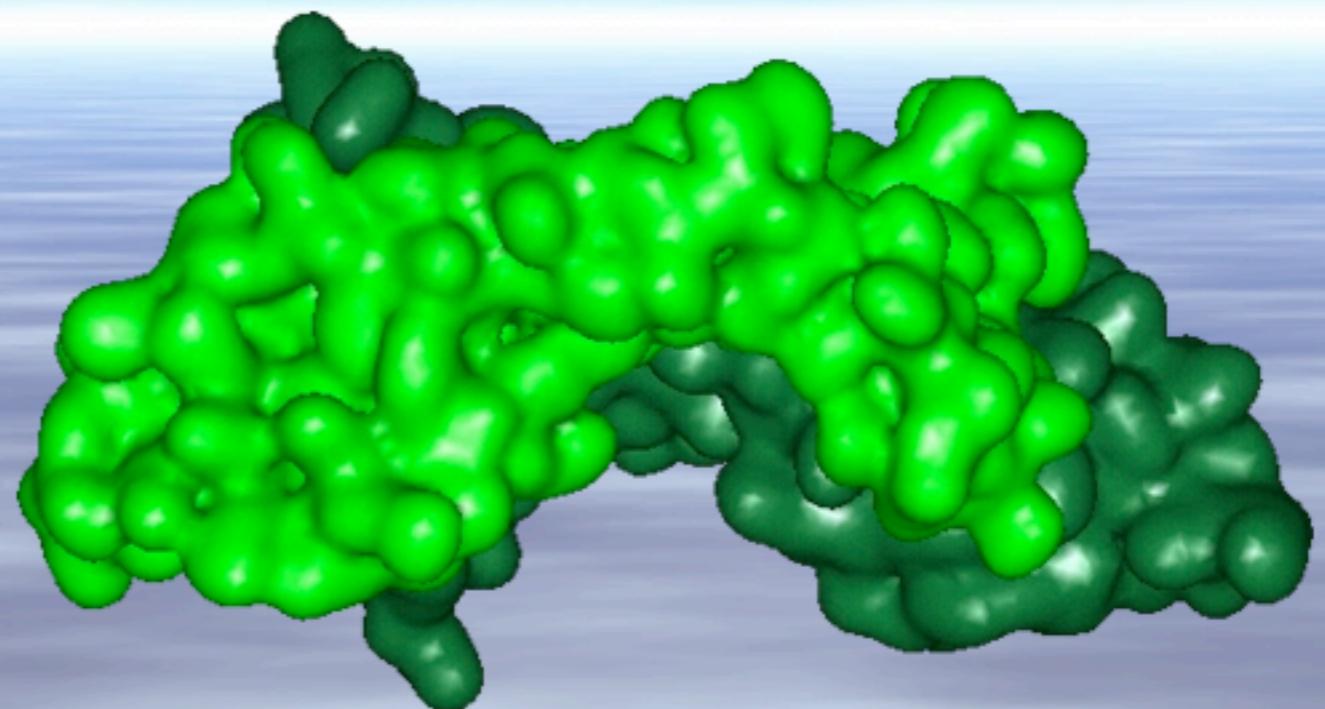
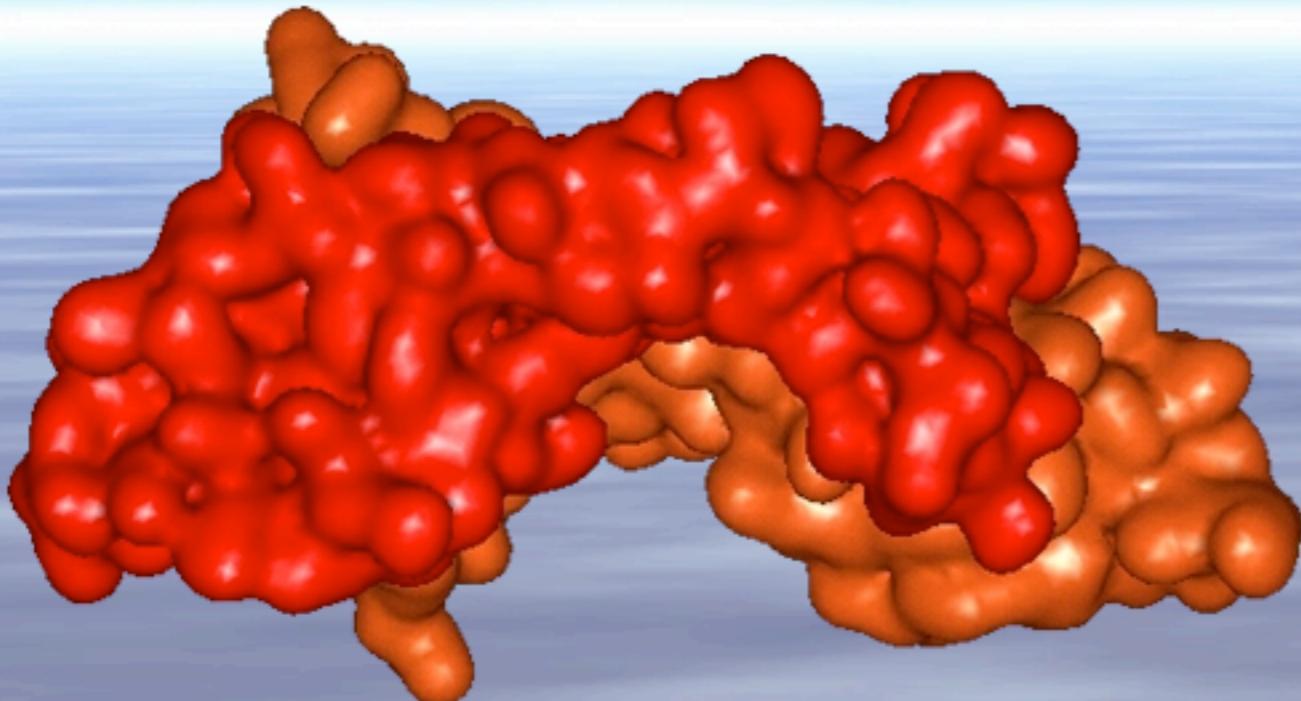


**VEGF**



**VEGF-C**





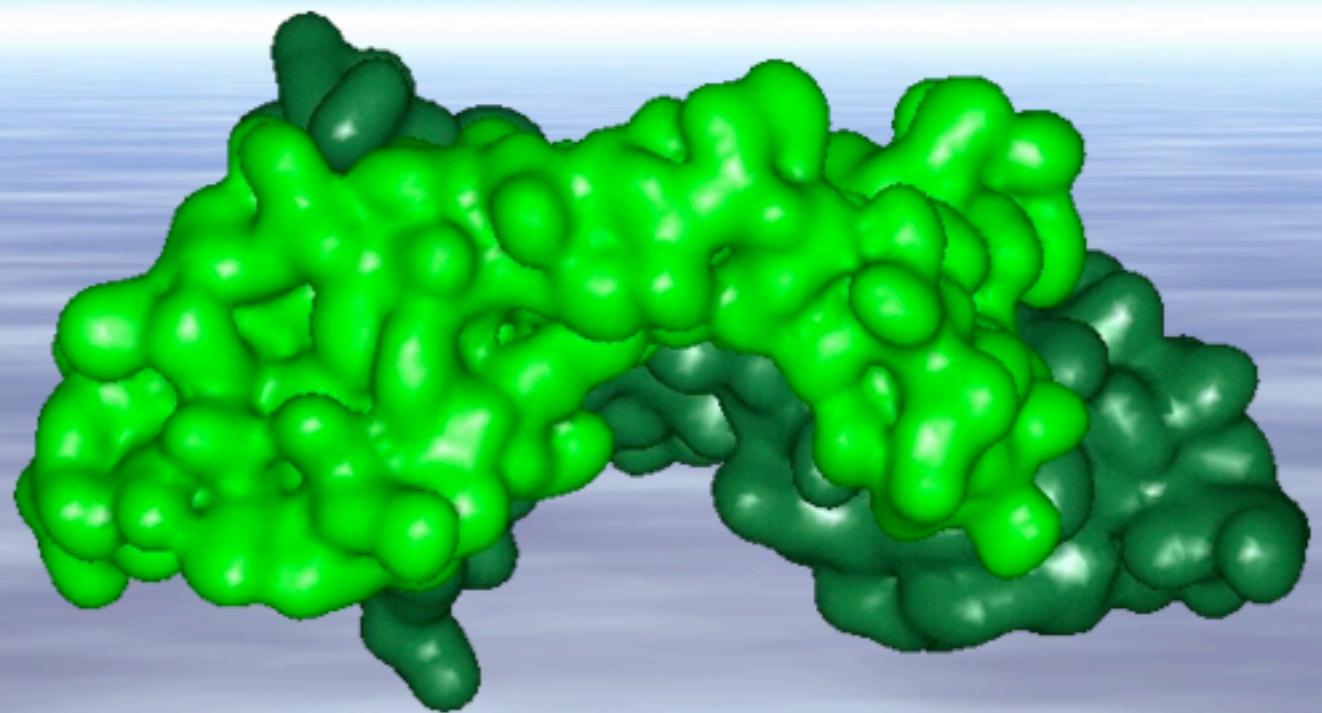
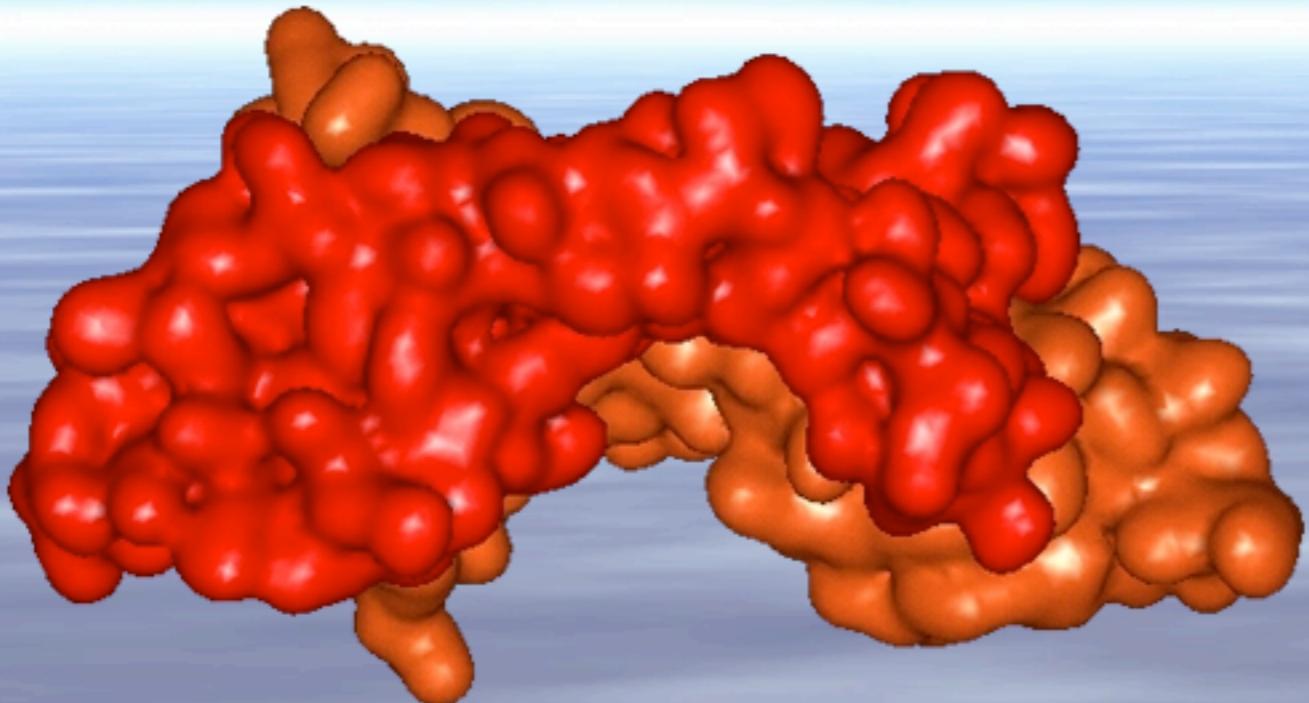
**VEGF**



**VEGFR-1 & VEGFR-2**  
**angiogenesis**

**VEGF-C**





**VEGF**



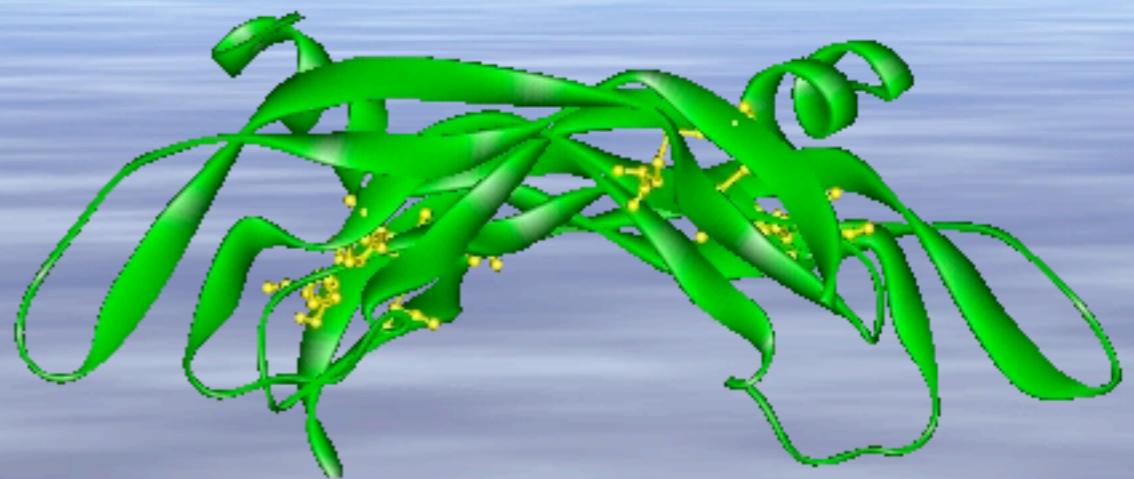
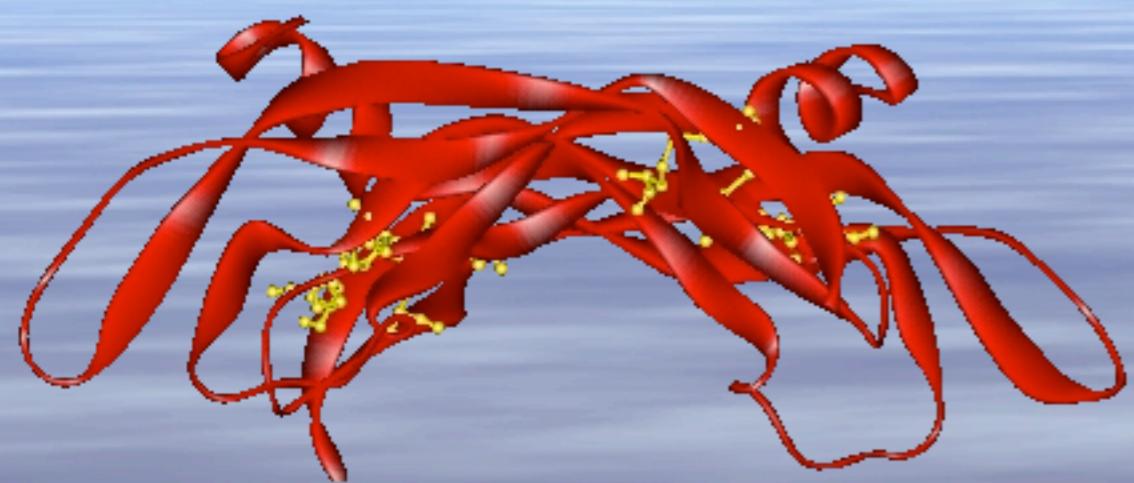
**VEGFR-1 & VEGFR-2**  
**angiogenesis**

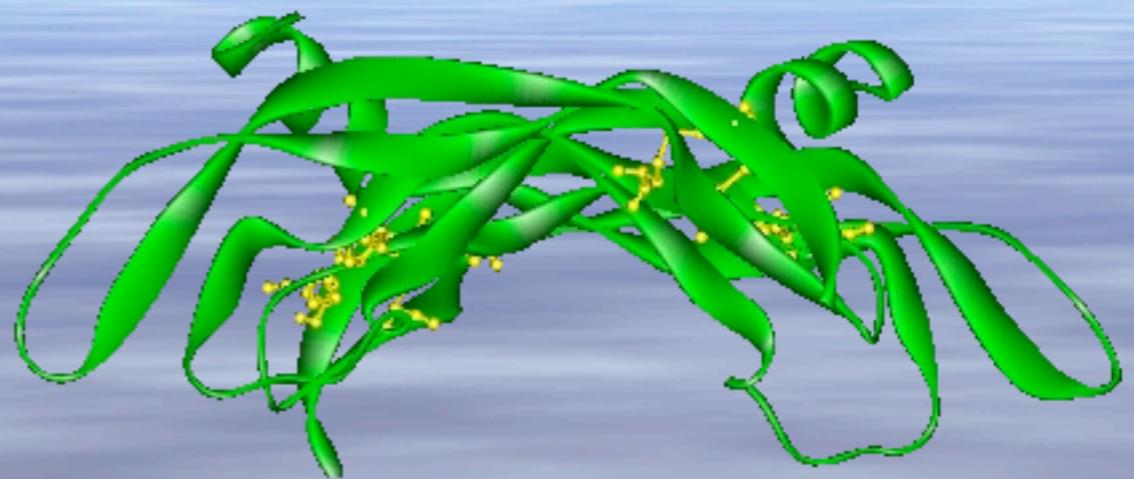
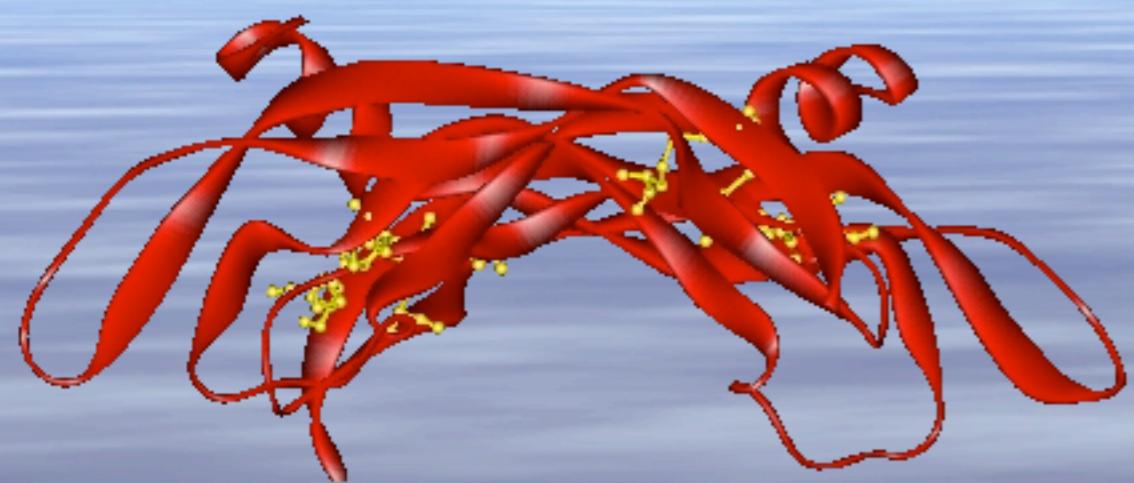
**VEGF-C**

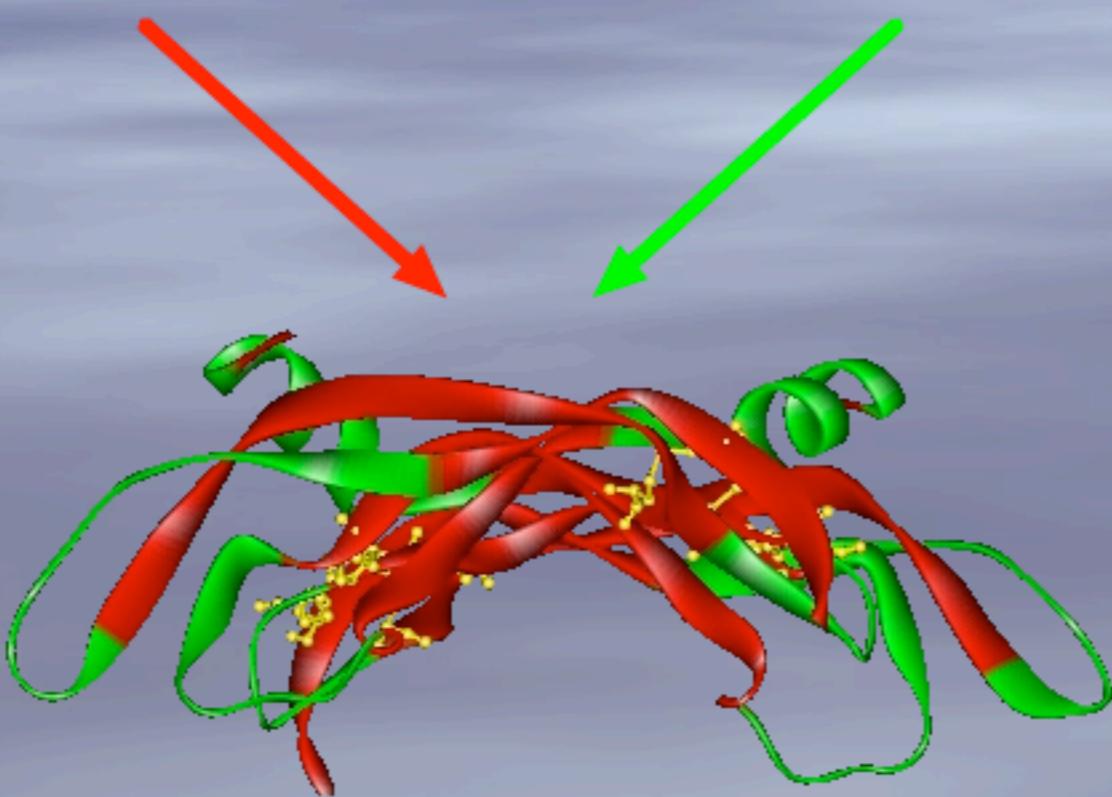
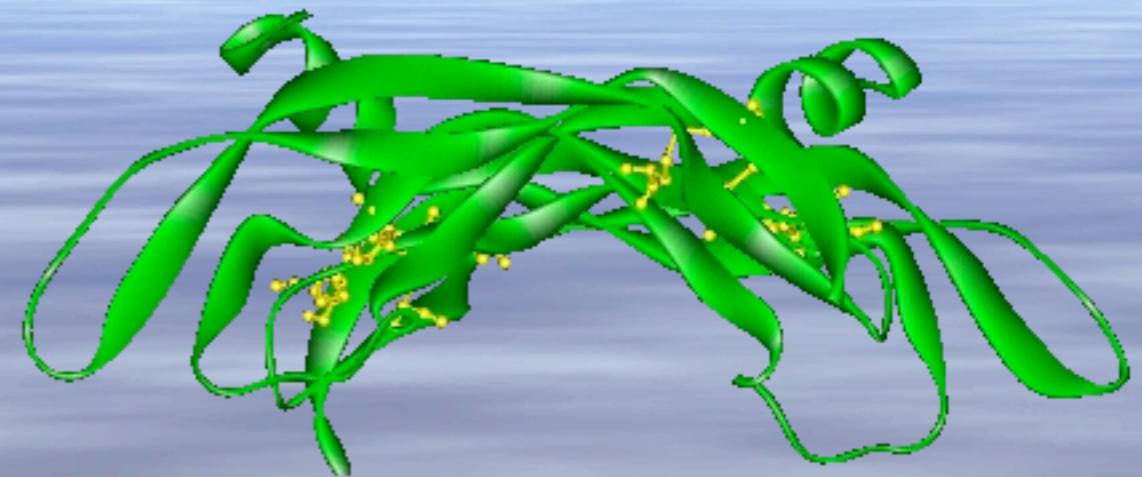
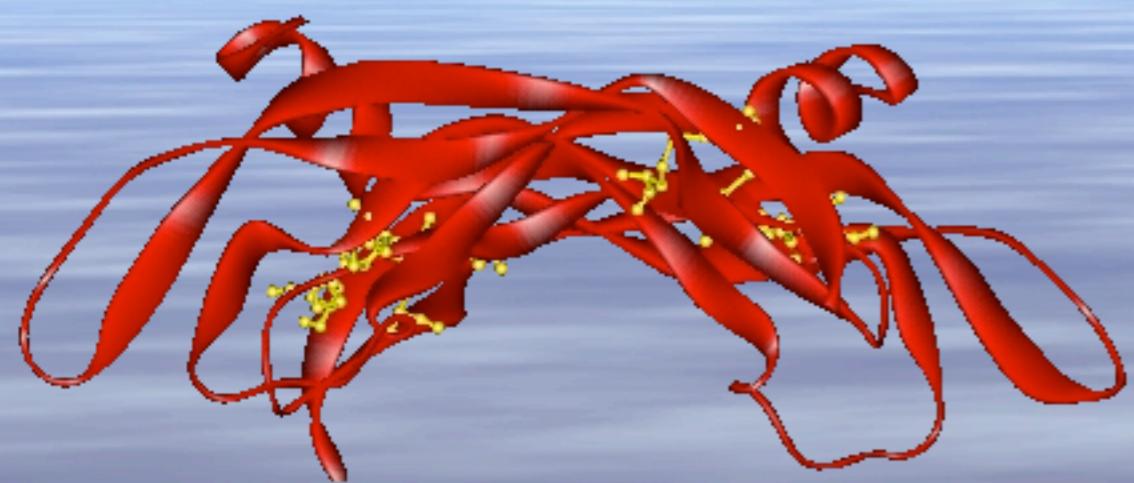


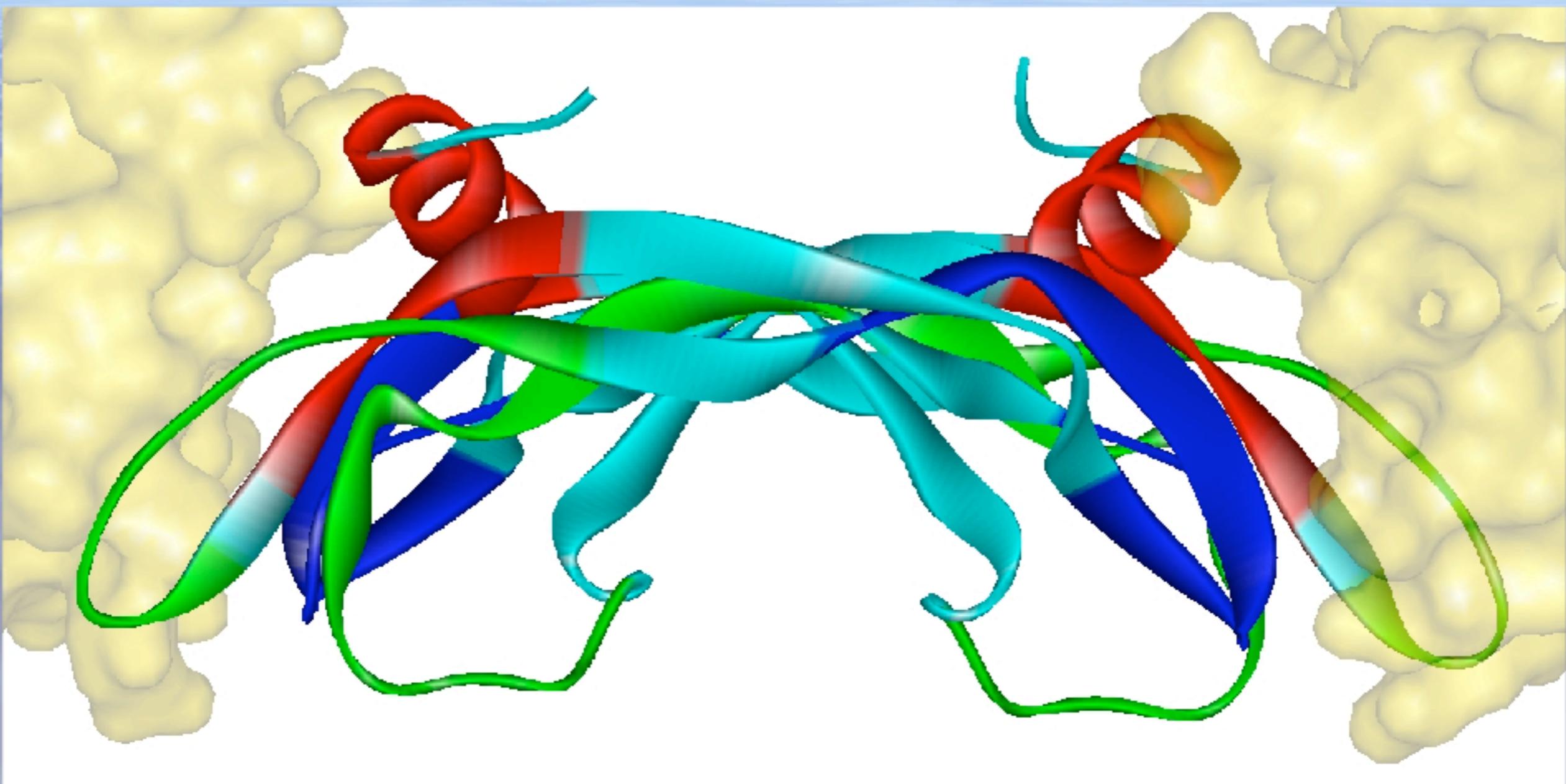
**VEGFR-2 & VEGFR-3**  
**lymphangiogenesis**













# Lymphedema



**hereditary**





# Lymphedema



**hereditary**

**breast  
cancer-  
related**





# Lymphedema



**hereditary**

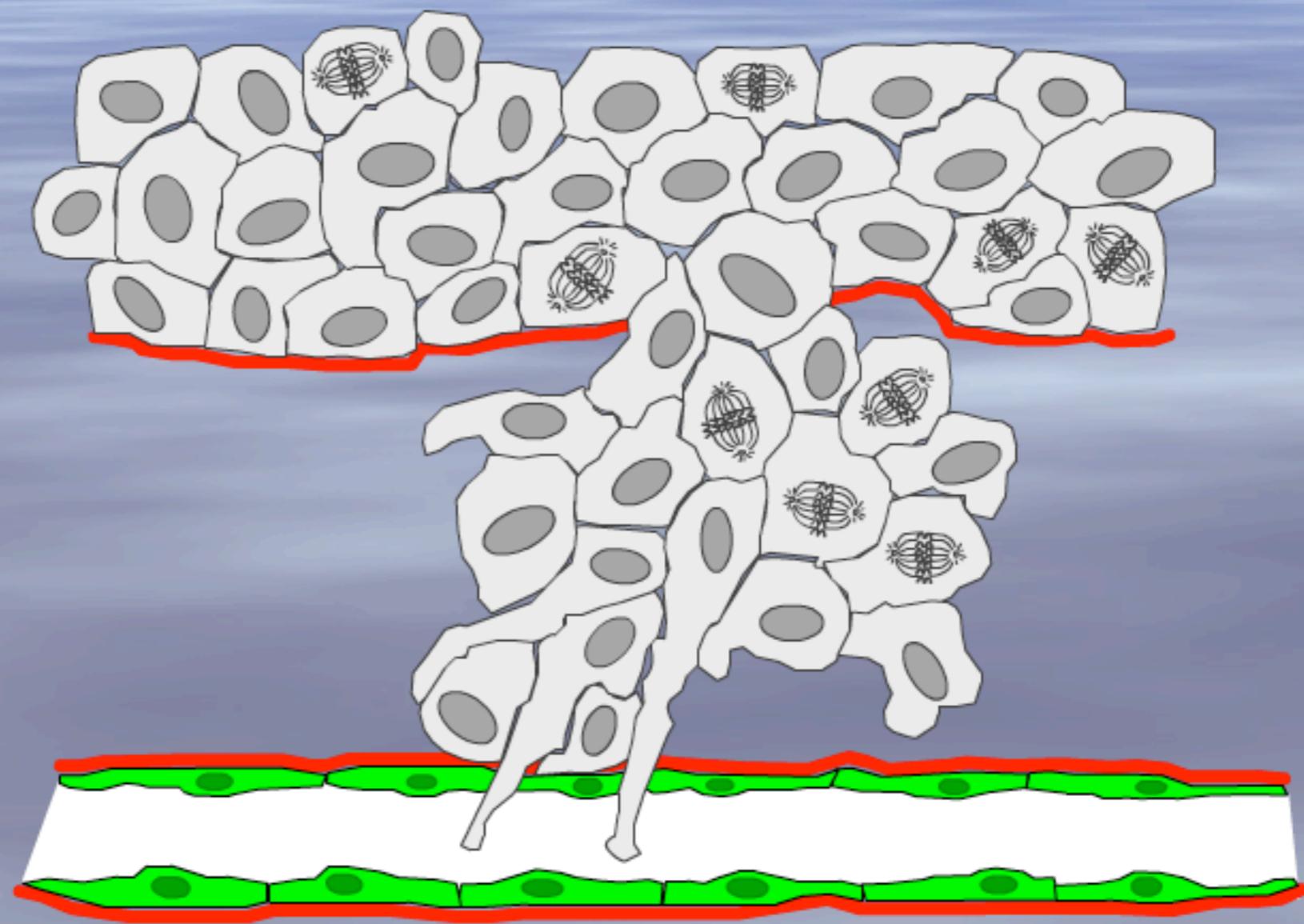
**breast  
cancer-  
related**

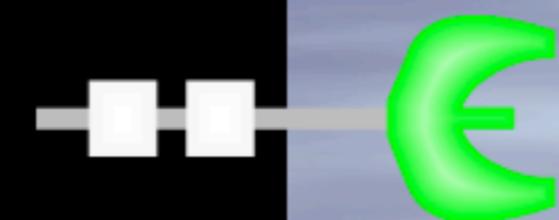
**filariasis**





# Lymphatic Spread of Cancer



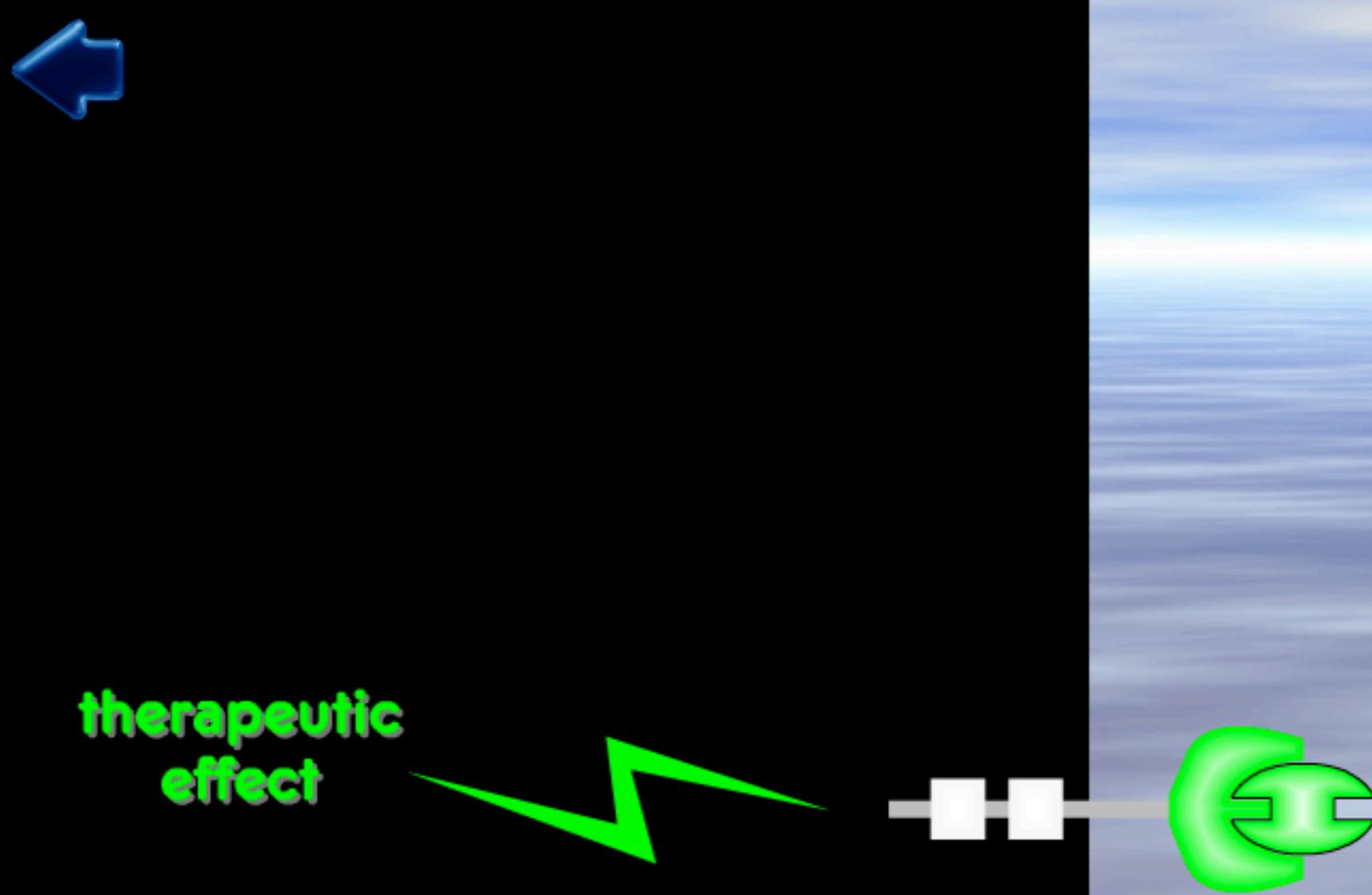


molecule



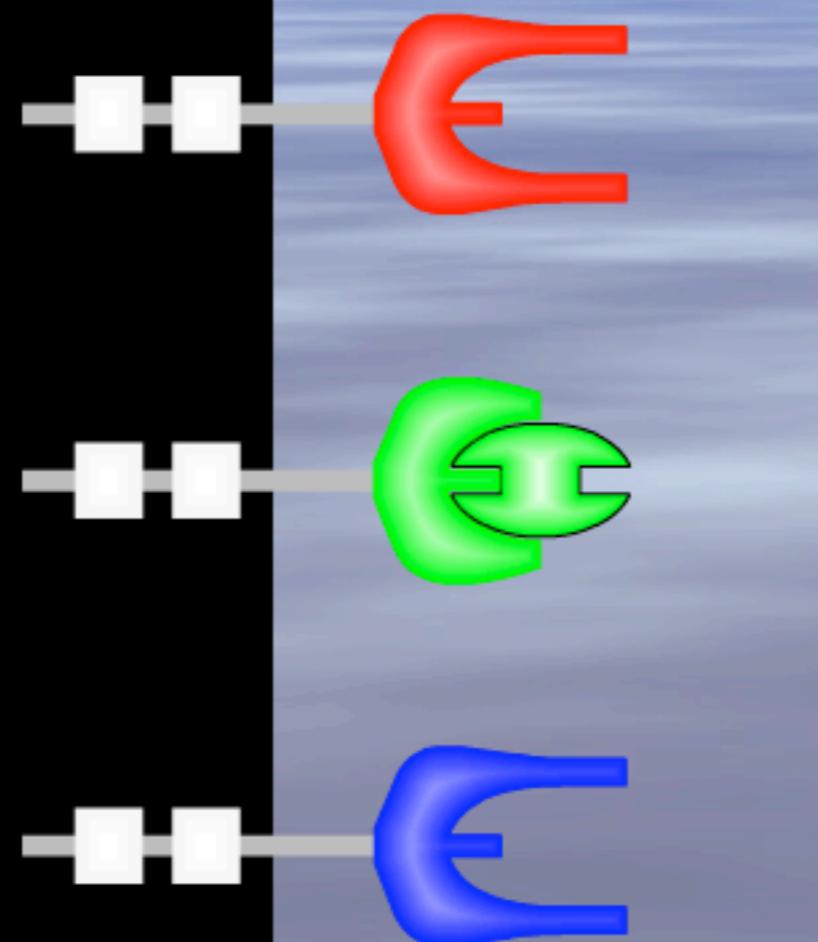
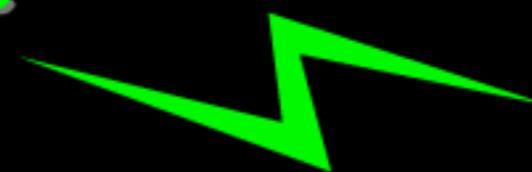
drug molecule







**therapeutic  
effect**





side  
effect



therapeutic  
effect



side  
effect

