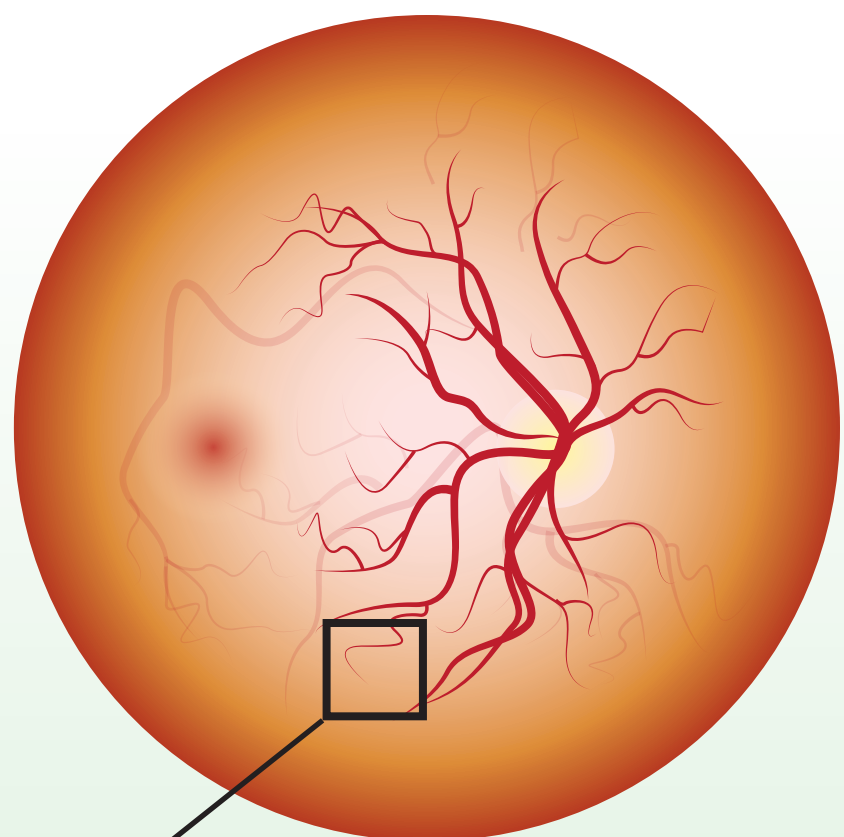
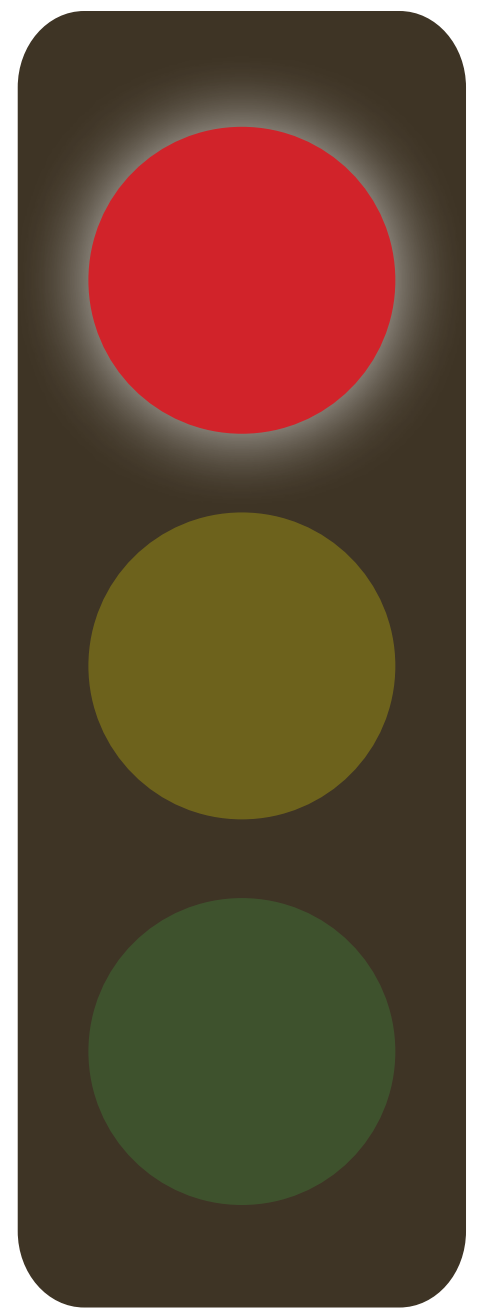
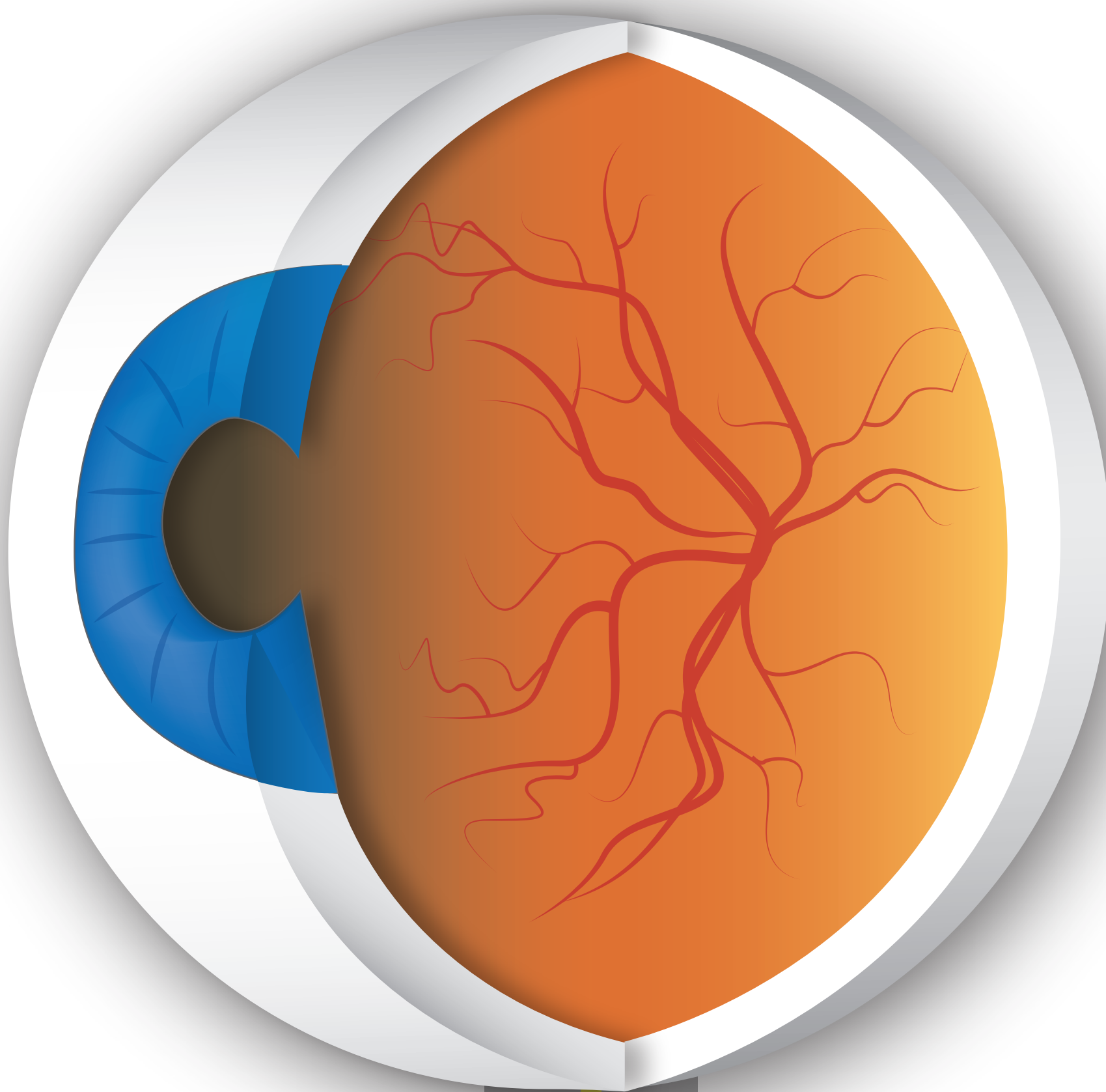
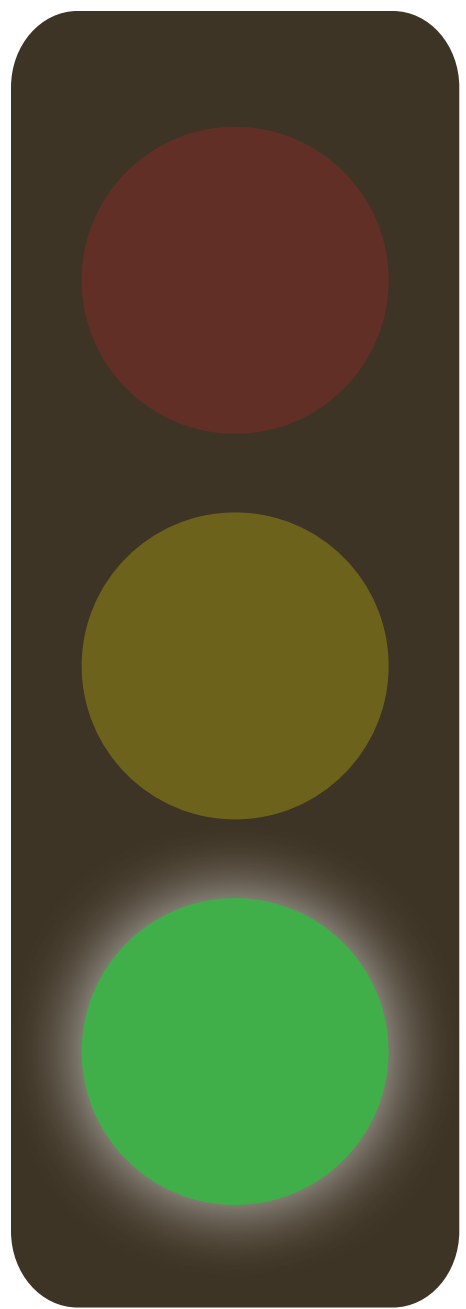
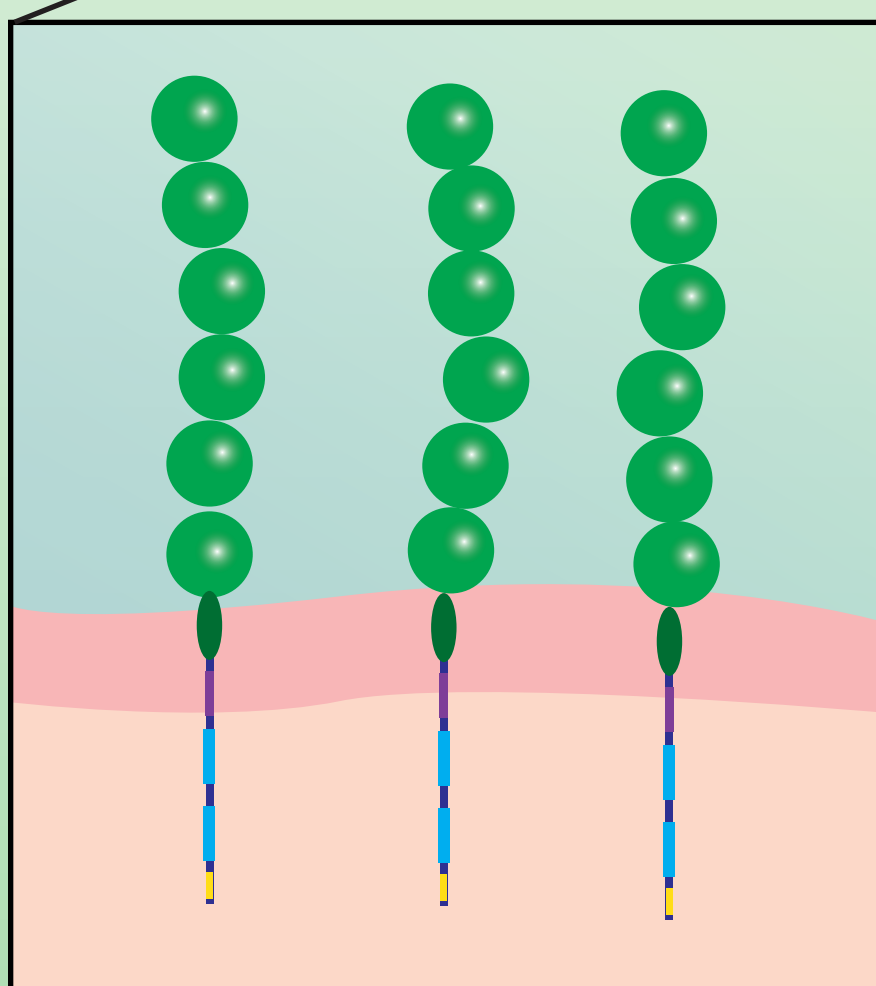
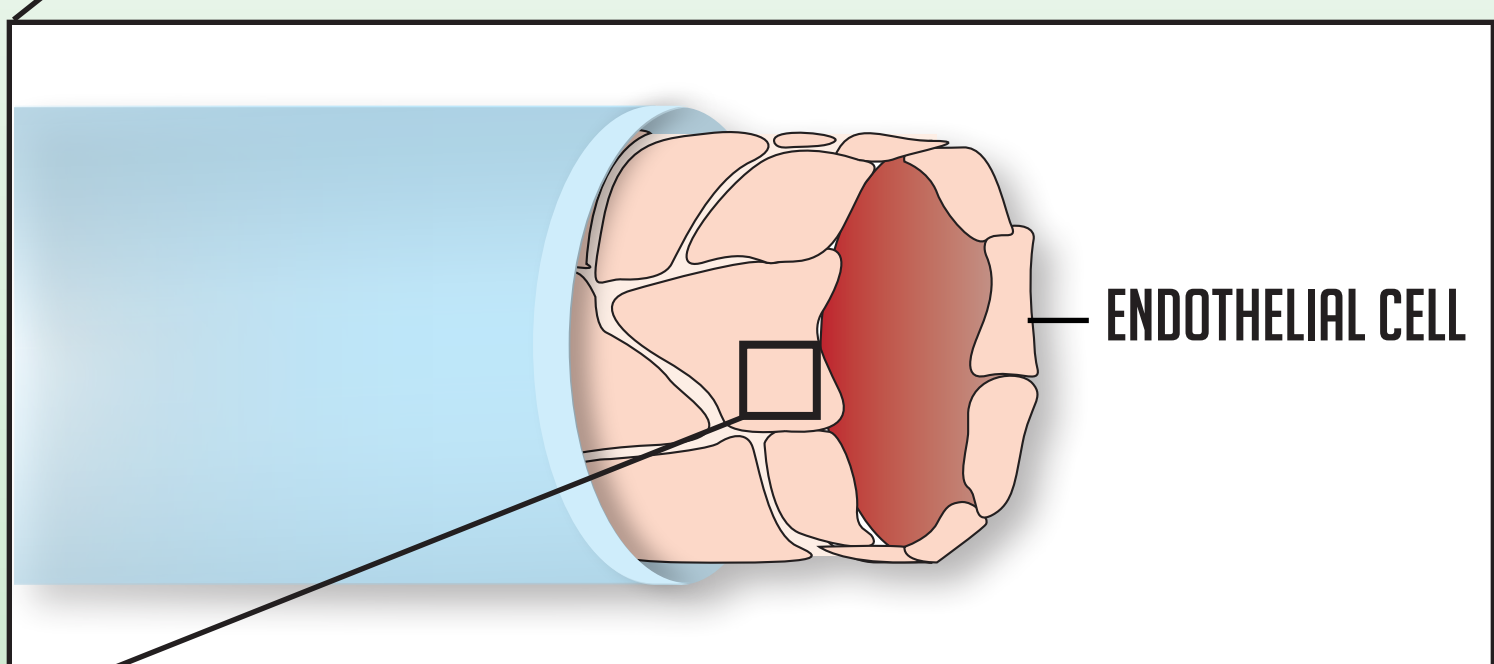


RETINAL HIGHWAYS GONE WRONG



**HEALTHY
BLOOD
VESSELS**



PECAM -1

P
l
a
t
e
l
e
t

E
n
d
o
t
h
e
l
i
a
l

C
e
l
l

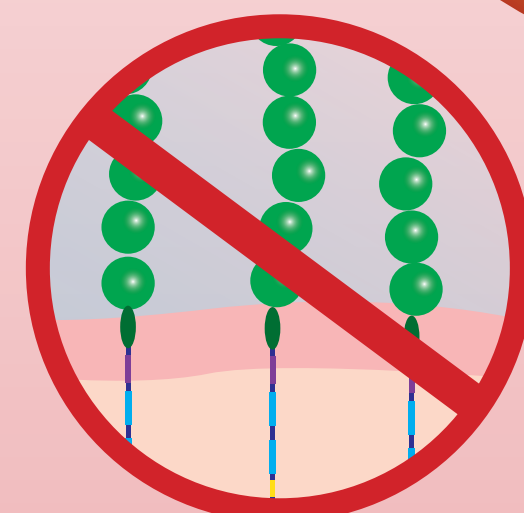
A
d
h
e
s
i
o
n

M
o
l
e
c
u
l
e

**BLOCKAGES
LEAD
TO
DAMAGED
BLOOD VESSELS**



! LEAKAGE



PECAM-1 LOSS



! OBSCURED VISION



VS.



RANDA ESHAQ

**SCI-PORT'S
STEM**
COMMUNICATIONS INSTITUTE