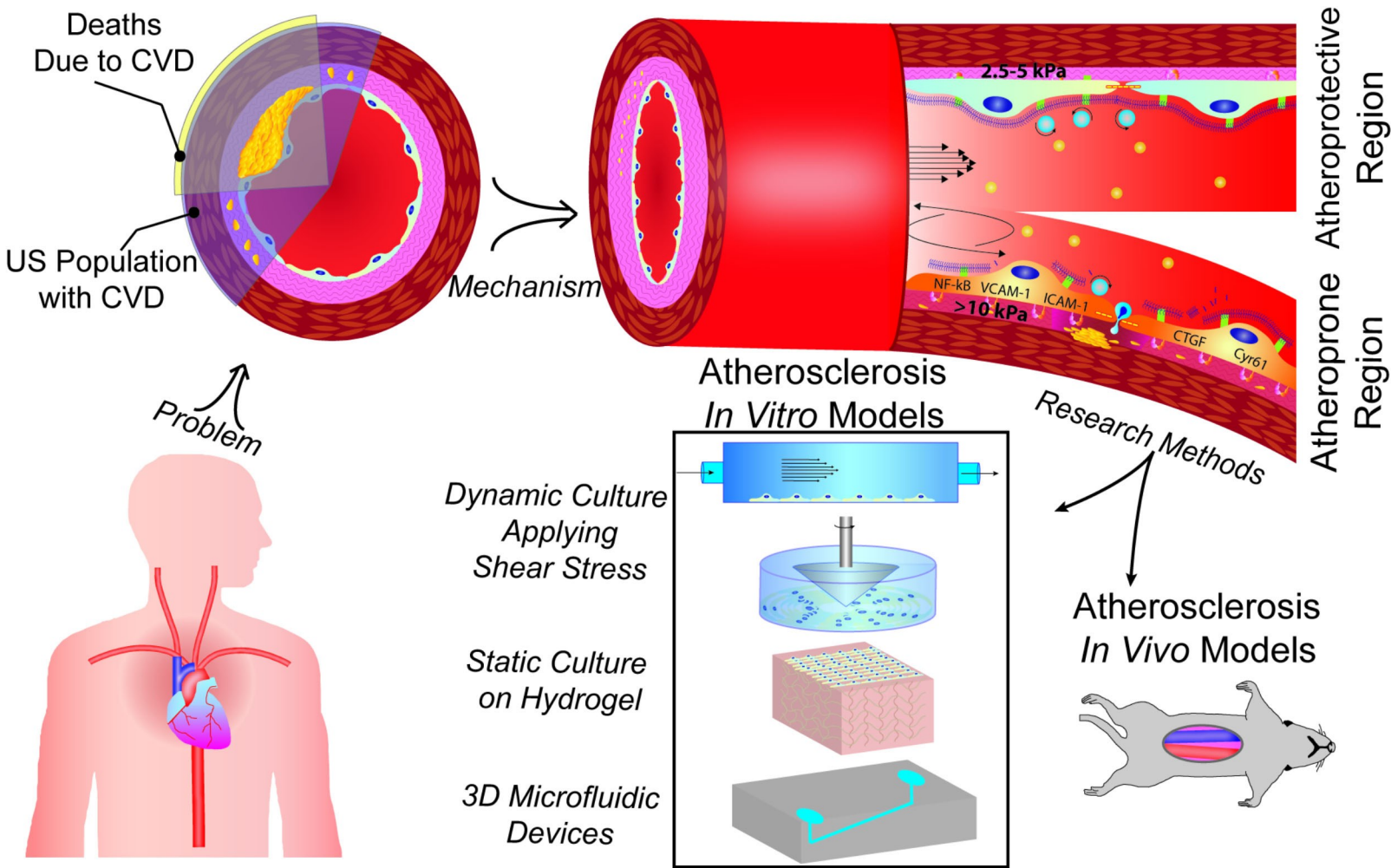




Atherosclerosis & Endothelium Mechanotransduction: Current Knowledge, Models for Future Research

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Figure 2. (# ! (& . % " / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [\] ^ _ ` { | } ~ ¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ ° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿

Figure 3. (&'(-; '<!.&'=+>%*356789:;@' #2#A&.' (% B /C'D E ;37527/-'-*(B 370-[-**<\$(* &*% 3?0-2* ##356F-!=-+(G *5*!+(G *5% #H5?4I* ##357:-!@' "356F-A-G @@@* ##3575257/-!@% * ##

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Table 1.

Table 2. 6
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M Bic QdaU_Qf p33#25 135 12 ## *#L231#0BY#L ,0123#L-
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S b† T I I UUPfag e/aPdbTdbafUPc)bV
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5 3" <[<V98 <C,B\H< VKLl*L^NJ+]
W_ "haPWd\(%o.p†2#L) 3.#'wB##L 3#
-.0'3 0'#•7:=CBVSGF78 <H?BC#HBYCEFC<<=FCE++LKzz*LMN+MM
L QrQ 3"-#2041† / ^"32 0'1-.#25 K -. ,.!"##B "#1(#B
— 0',3-#Z"D?,A7VEHBY€<[K~ A M+K]*z]NJ++
^ d)g UaQj_R „he' %o.\$.,1-# "†3 0,0-# 44#
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z 'g a~VI j" T aPa_~dajaQQ† 2#L".0N#032 0'-0""N11-#B#5 -
x8 <#HBC•7:=CBVd?,A7VE,f< V?,A7VE,JzK^L]*^^NJ+L
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A QOWQM H...X0fjMjD LK• H €KU...NRLUWMTXfj MV H lLsX)/+*\$*! %% \$2 *+7*! 0 %&\$7!\$-Z*%*!\$-
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D QIWU€uH ,€Y W€L€19(75+3-\$*! %%0+73%+,-%3+>;jino~<i;jhoDOBfBC
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+2 /B5%7*! B(—~oh^?n~i~?%0~;~• ~;~<i} i;AOB9EcBC
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6 ;;<=>??@A% B'B&'%C &\$&D5E# !G#&!#H'&D%(\$ 5J3 !"\$K&'%)L-M*N.O,P0Q0.L
HRS4T72618999
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8#&\$3\$B"
B&'%g#!' 'f%\$&\$#hINL0Q-Q*0LOQ-QjRI0k IOQ-Qj,mn.Q-M*lo-O*Opq54136T7 T95899
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\$RqQO*5T4H1S5971S568992
ST :..[X YY@Y#&\$ #?#%C&K'##' &'K"8\$B'B&'%B#%OML.*O|}|*k k .N.O,P0Q0.LR1T41SS18955
S K "X „"c[" @w% \$&y%&'%&'! %G&\$&'%\$(Se38\$8\$#&'&\$%0m+NOLOQ|†*k k .N.O,59164916
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1 K<Z\;Y.=€_W>•s<;<<?...^W•;;•?<<<' [@,^<€?=<<@]@Z€\$ '#
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5 X <>;b< @CG#K"!#&'%#K&\$'(K#&L "&K"KG\$Y OMIOQ-O,NQ154267396899
2 b>•<b<^ W<<' WZ<•b<br<]]^€ ' ?A!\$B'B&'%#H'&D%• '!&'% # \$ # % \$ # % fI7 D'"\$ #'
IDC• 71)M10,Nb-O*Opq5241953719298912

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U\$/ (1#5\$;]9^<7_<:7'BCECEEHGEa CRQMVMbCcMORdeCQMQL L QL gdQLRL hVQJ
RQN N QcmOnR0 #W\$!"#1YZ !3&ZoW5#/%1#T#+ 5
p]q7<^< =A8-8stFCaVFFGEH
FRQgL mQumVDrOMVMmMMVMVdRQwMVMQm QeQKcuOQML RQVMQeQlOny wdgMIL L QHgS"*\$
YZ z,\$W\$#B!#\$S\$#\$"0 3(1#-\$W\${| }~<'A7;< € 8=@A8-8FEHaDV DEGE
ameOMnHQQQMQQL mQeQQR0 ",!W\$YZ !3&Zo\$
T,5\$5!33\$[p]q7<~<?A• € 8<^q=7;< =@A8-8stBaCBVaaEa
BQhVQimeOMmQeQQRyz [&Zo(T'#*/ '\$1!33+ !'*/ *T!"
p]q7<;<=@A8-8stEBBBVBDDGEb
DlkQ wifGdRL QQRdeMfgRbQcQQRy eRQMVMQx lcQwc MQFRQVMbVKL leQKQN Jx QN dKQxL#\$'1\$*(1#YZ
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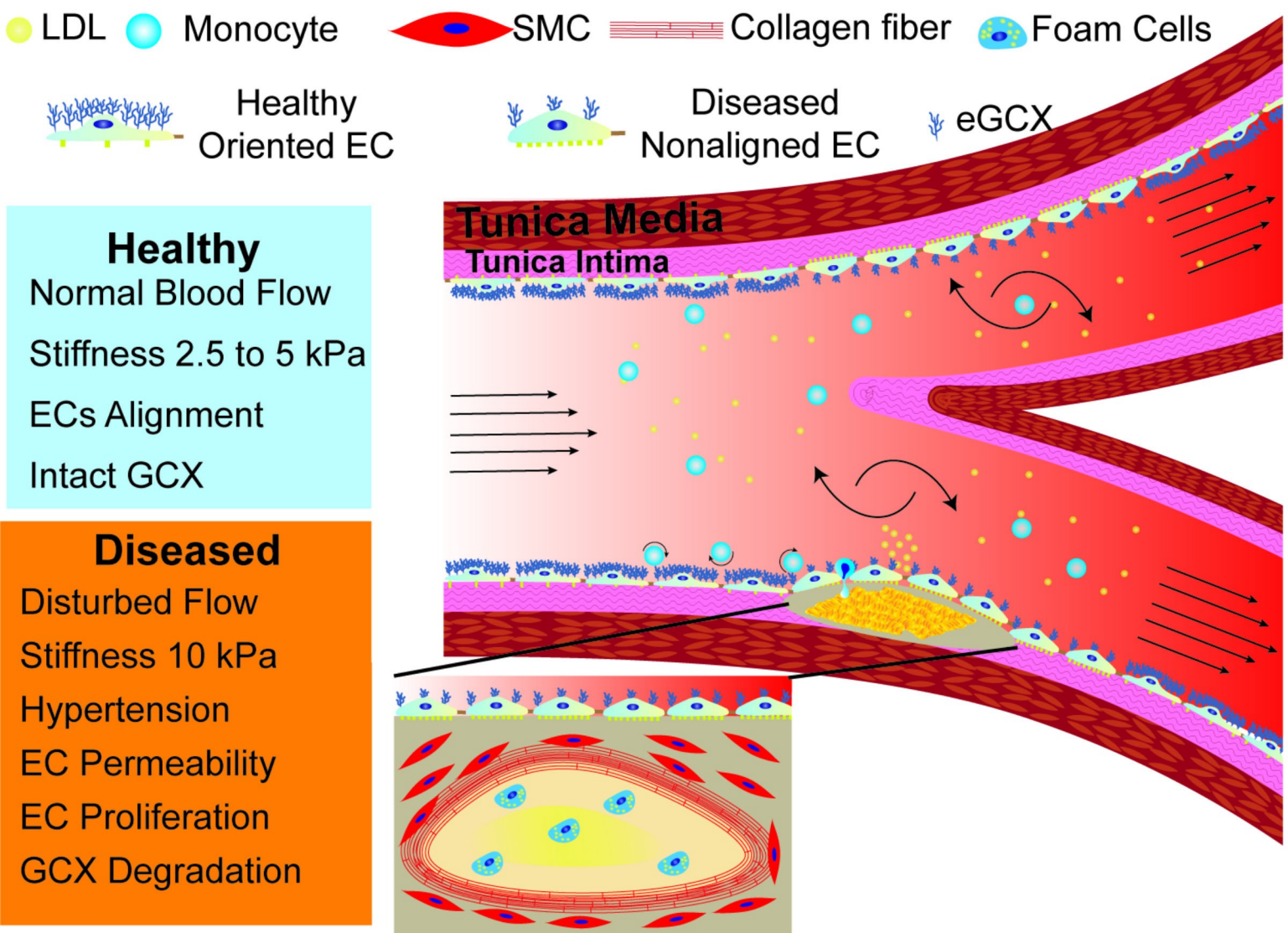
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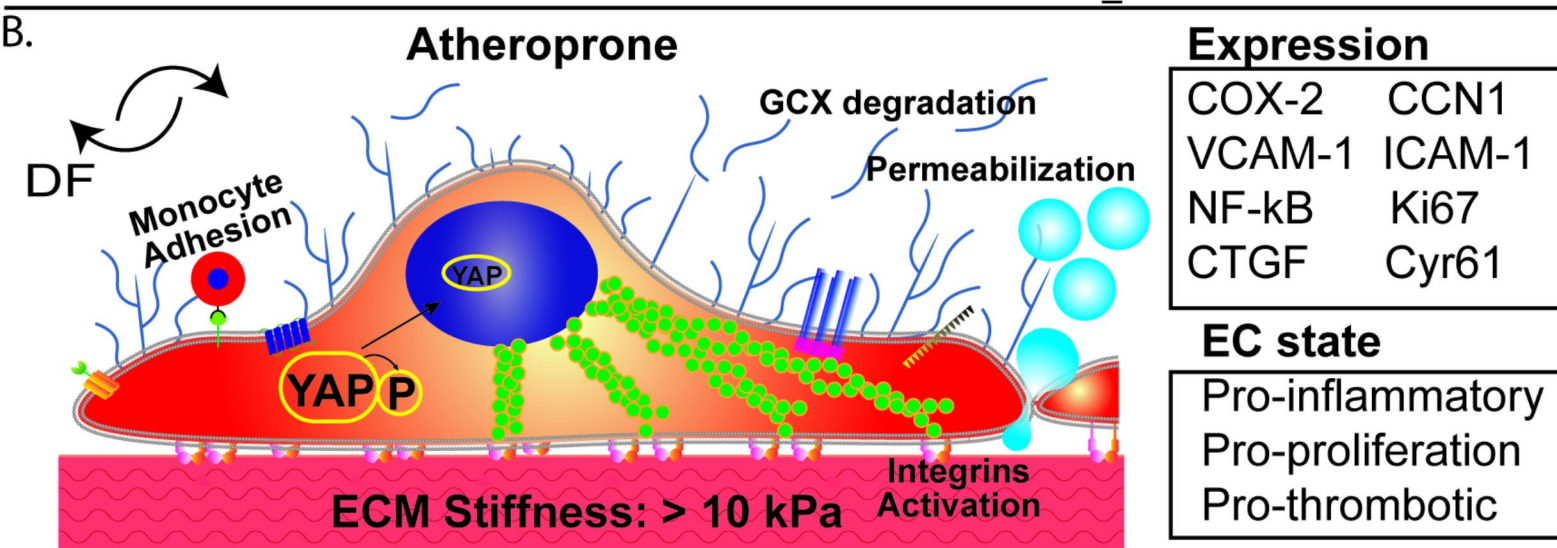
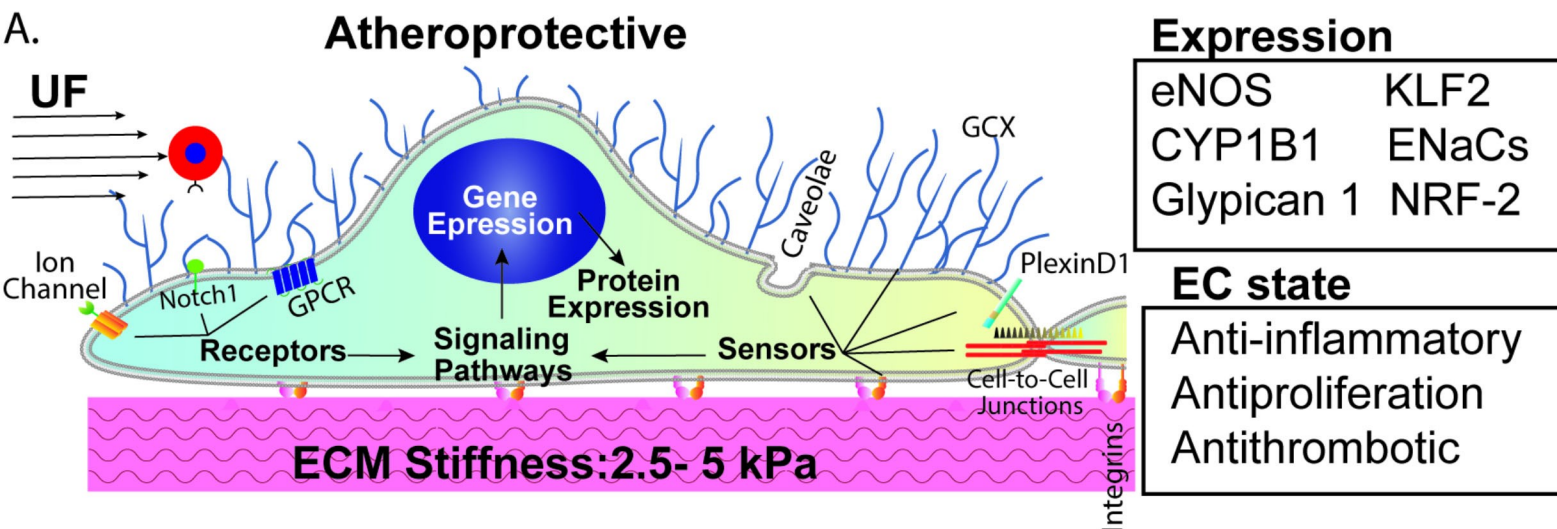
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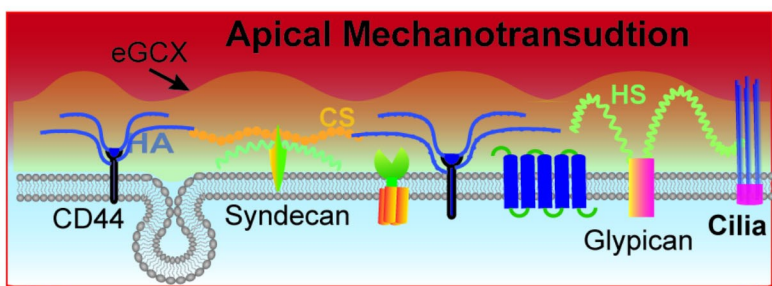
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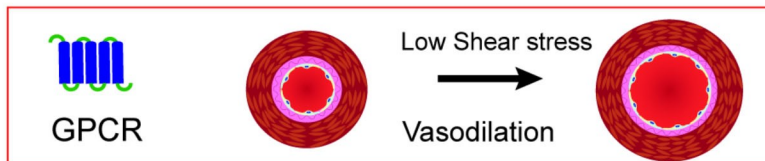




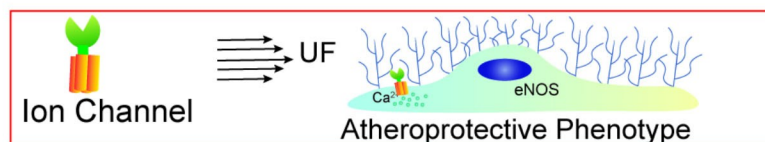
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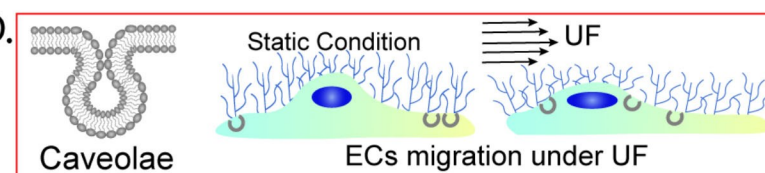
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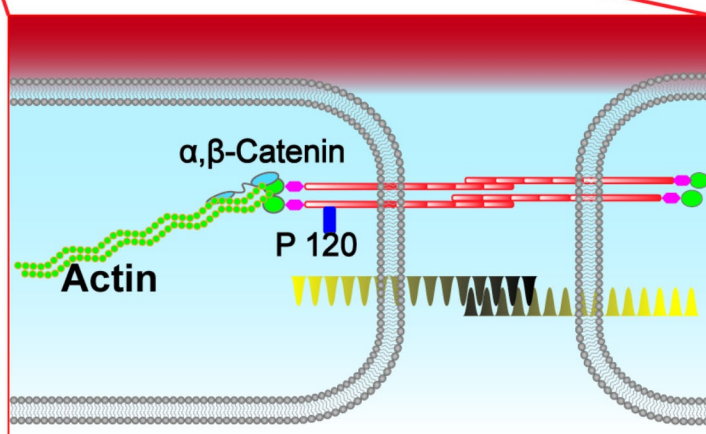
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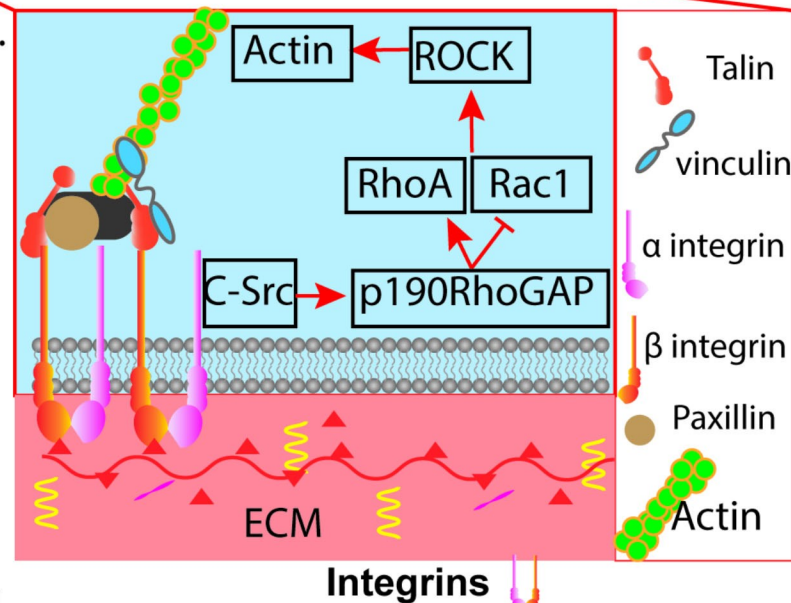
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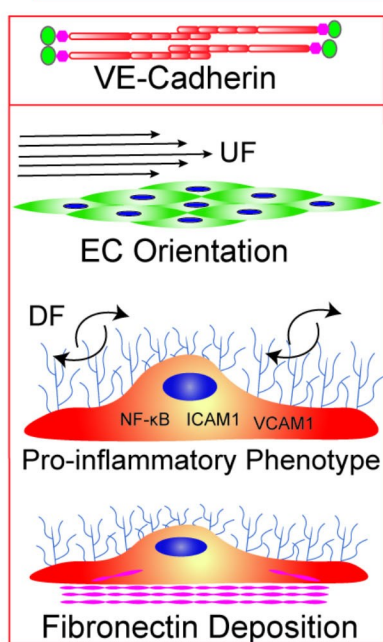
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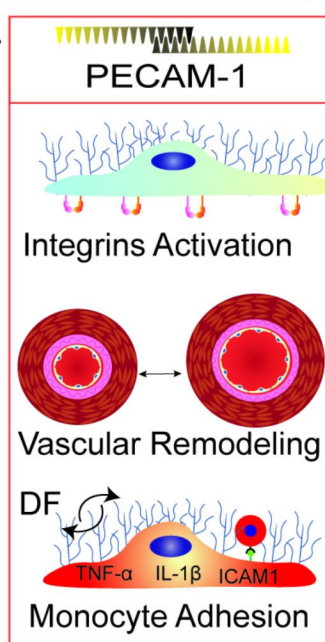
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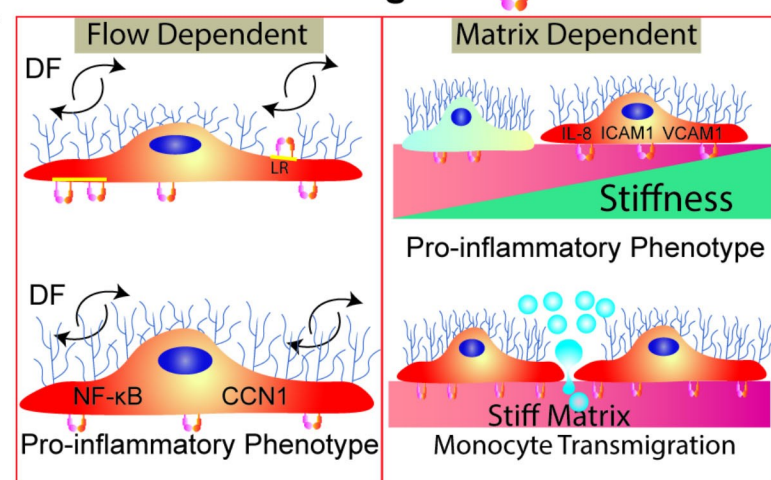
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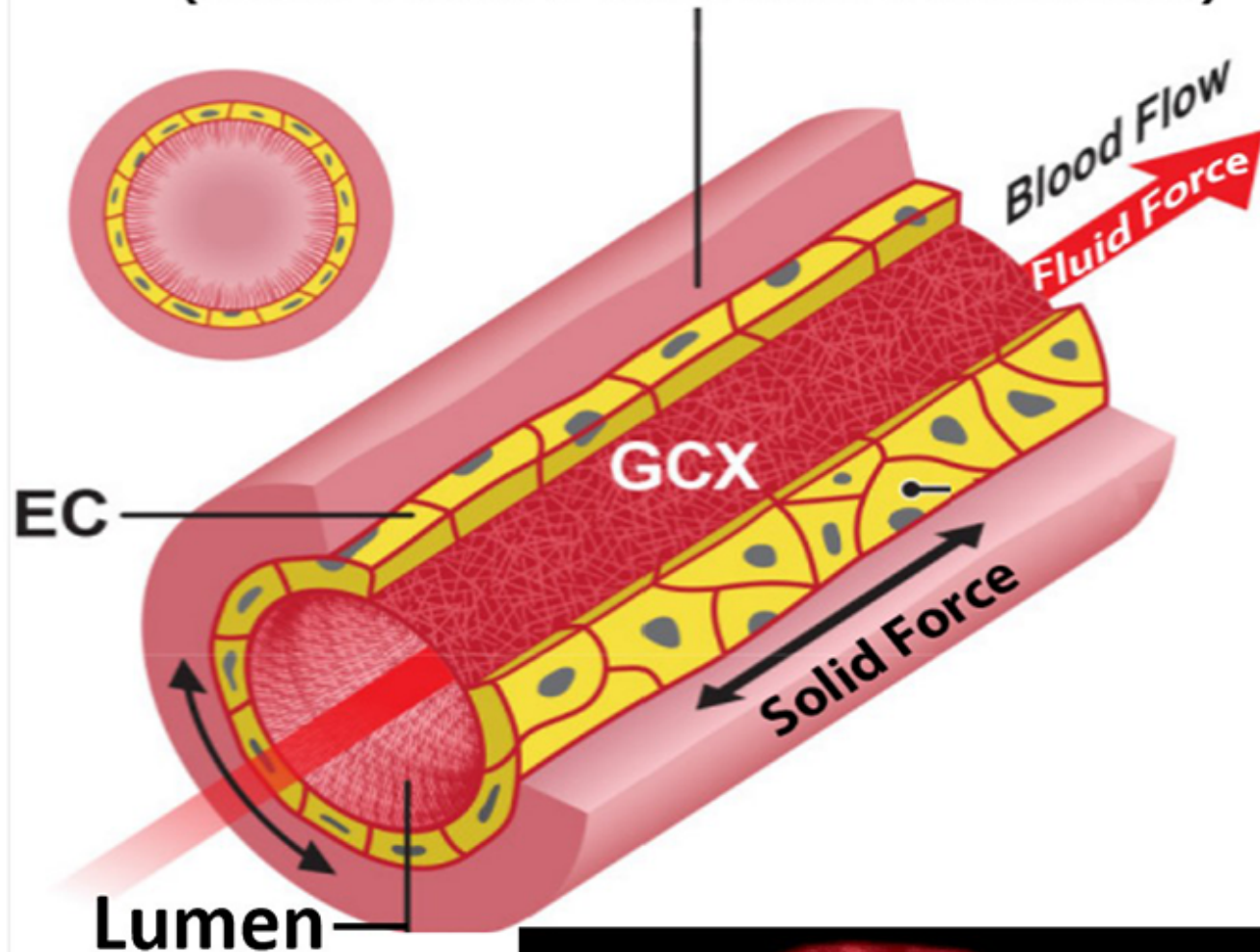
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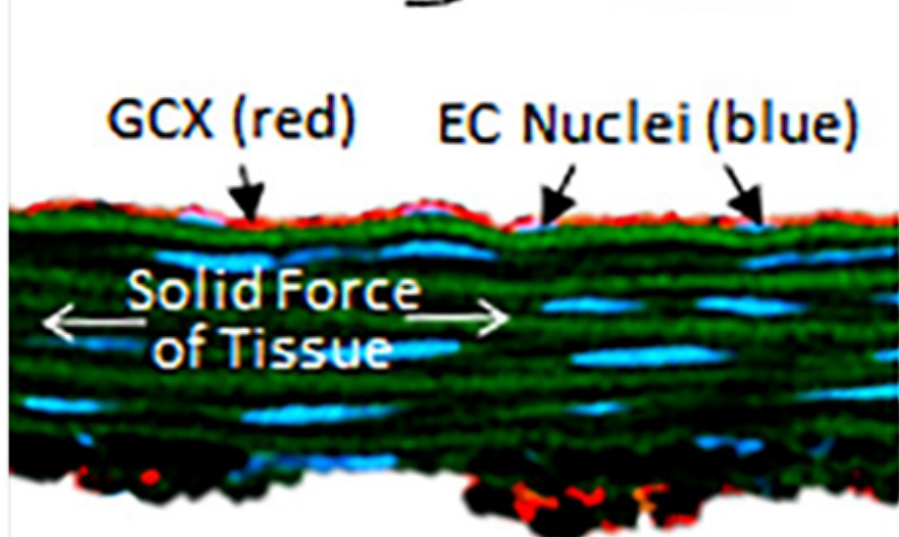


A Blood Vessel Wall (Soft Tissue Subendothelium)



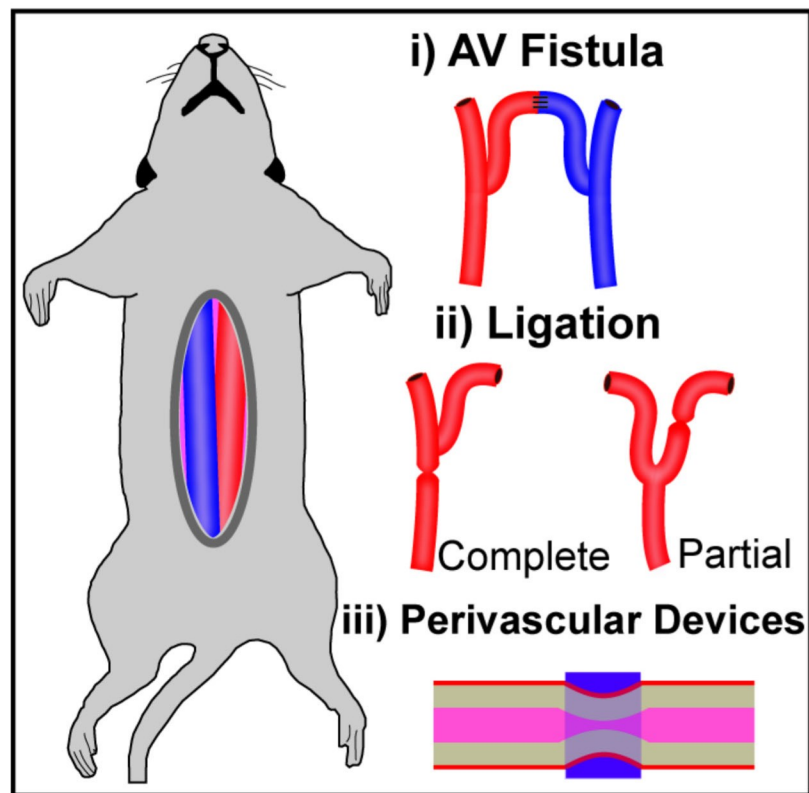
C Fluid Force of Blood

Lumen



- Blood Vessel Wall
- Elastin and Collagen Matrix (green)
 - Smooth Muscle Cell Nuclei (blue)
 - Connective Tissue (red)

A. Atherosclerosis
In Vivo Models



B. Atherosclerosis
In Vitro Models

