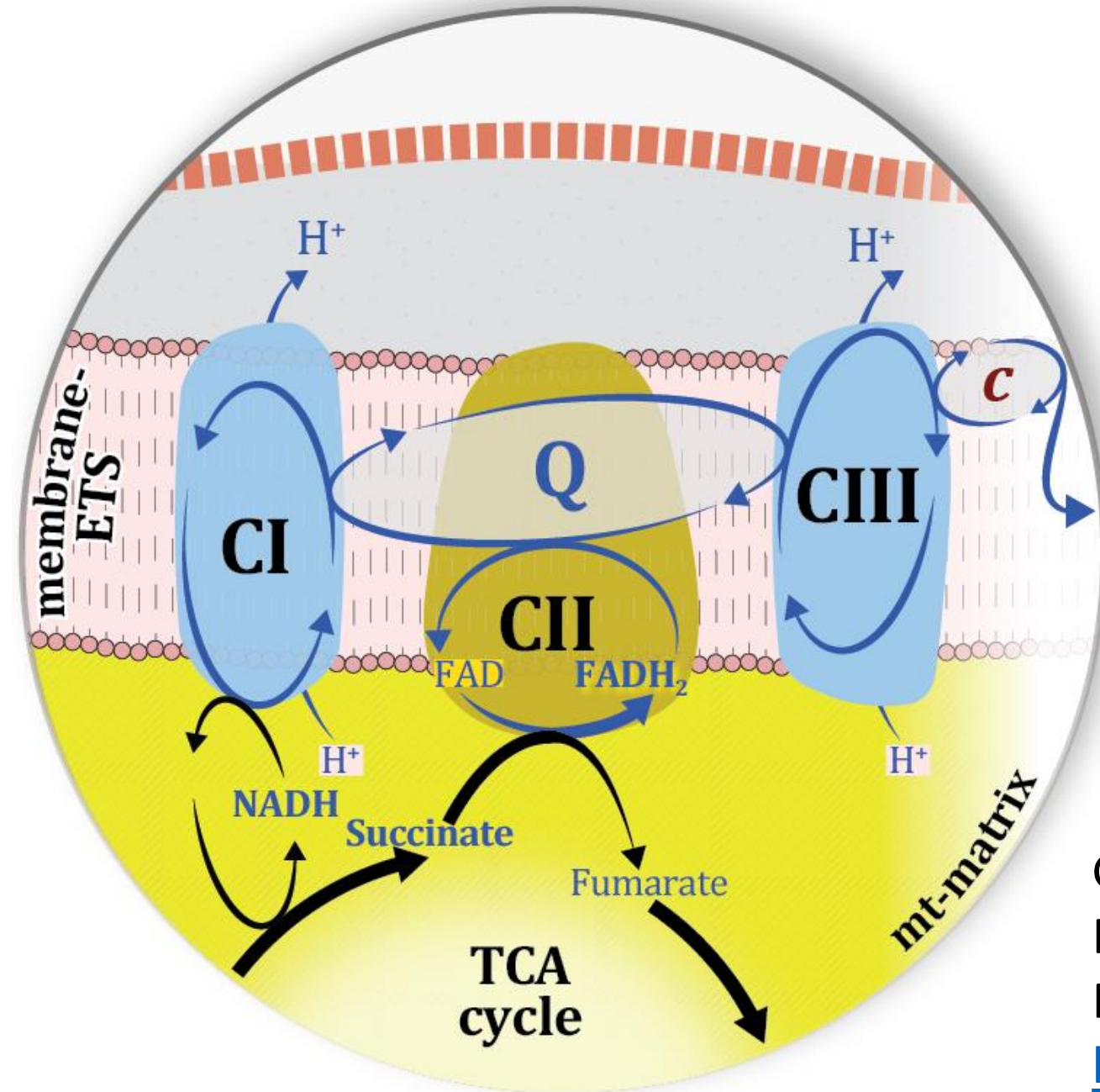


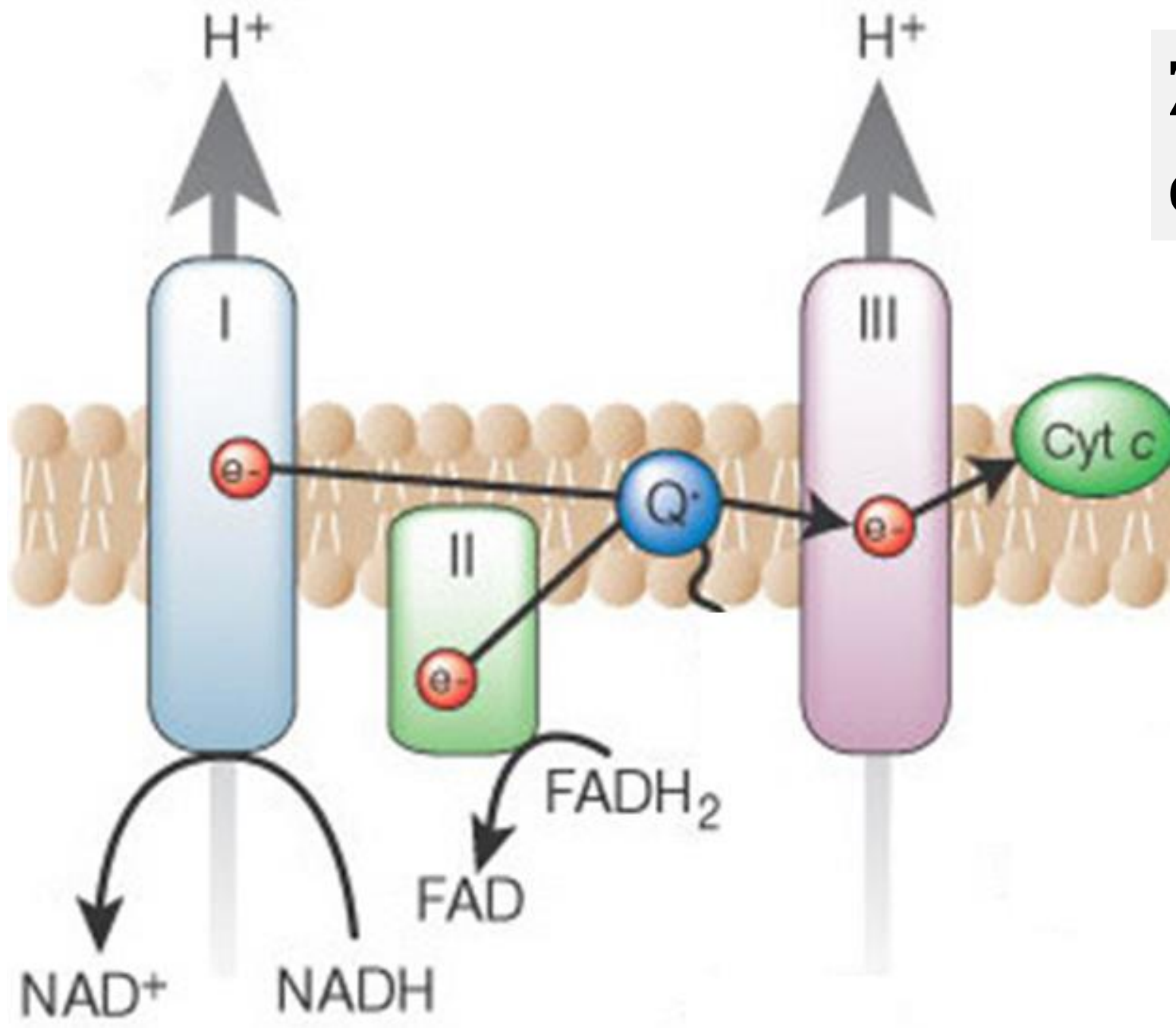
# CII ambiguities - a game of cards



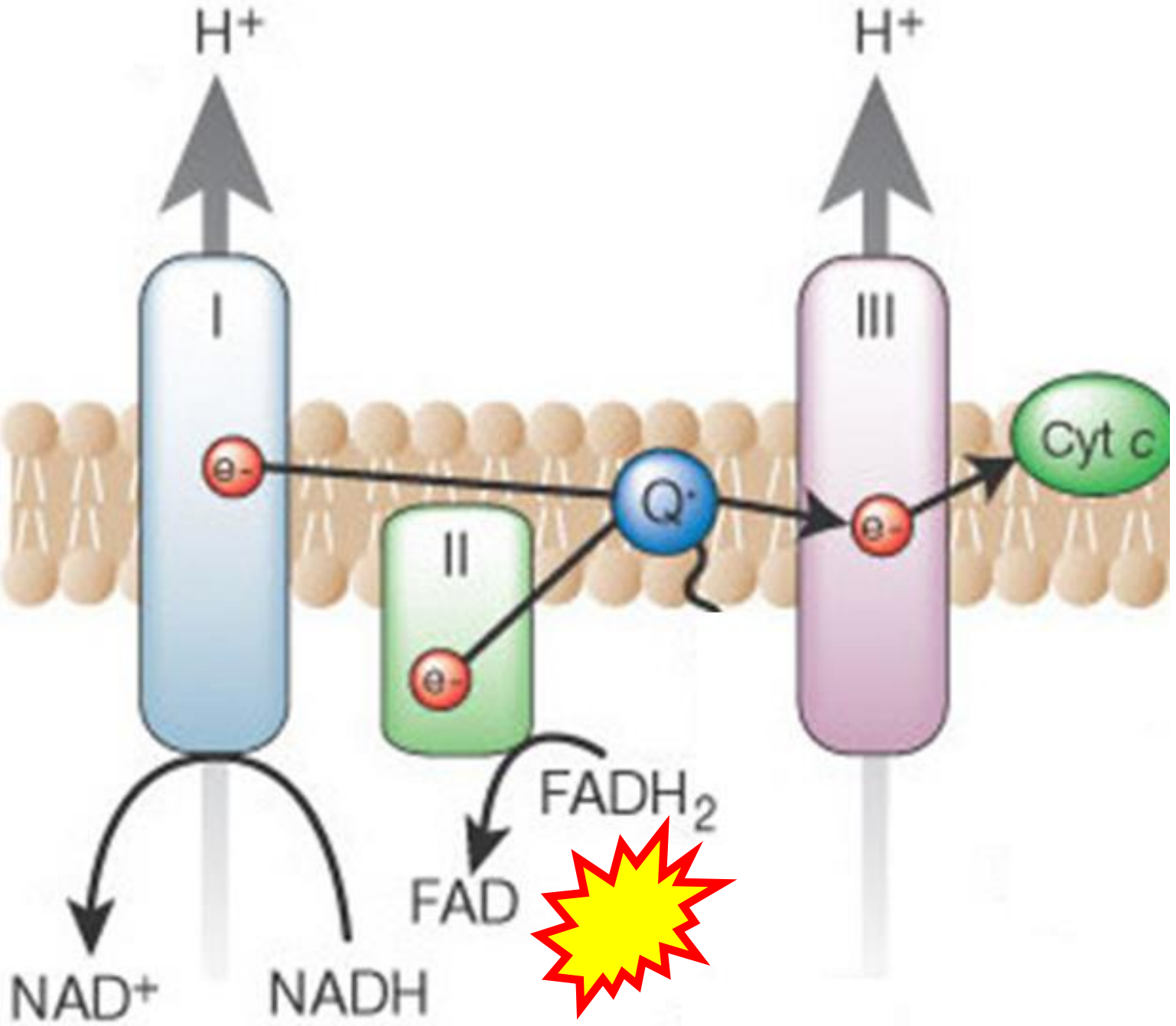
Gnaiger E (2023) Complex II ambiguities — FADH<sub>2</sub> in the electron transfer system. MitoFit Preprints 2023.3.v6.

<https://doi.org/10.26124/mitofit:2023-0003.v6>

Zoom into Figure 5 of Brownlee (2001)

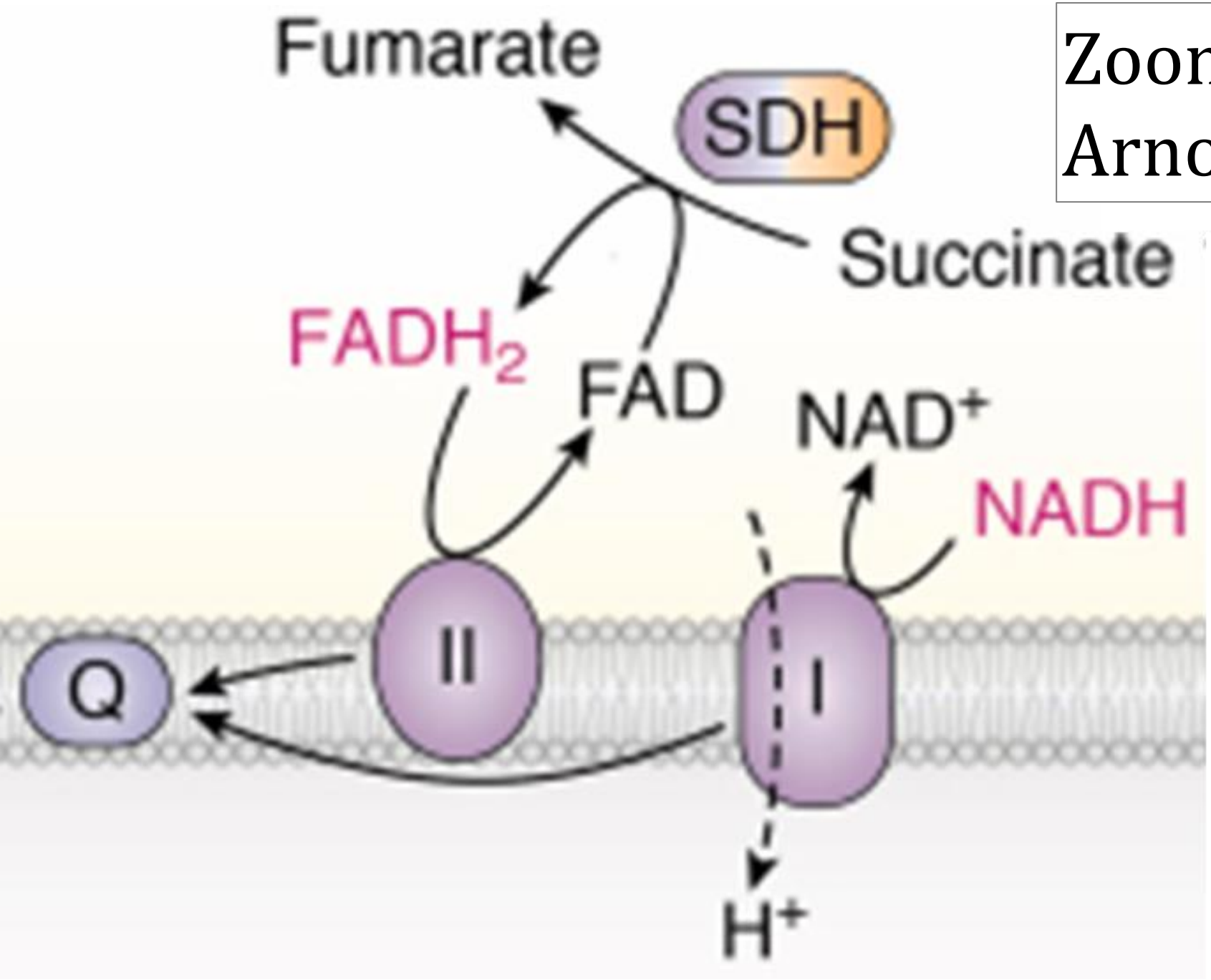


Brownlee (2001)

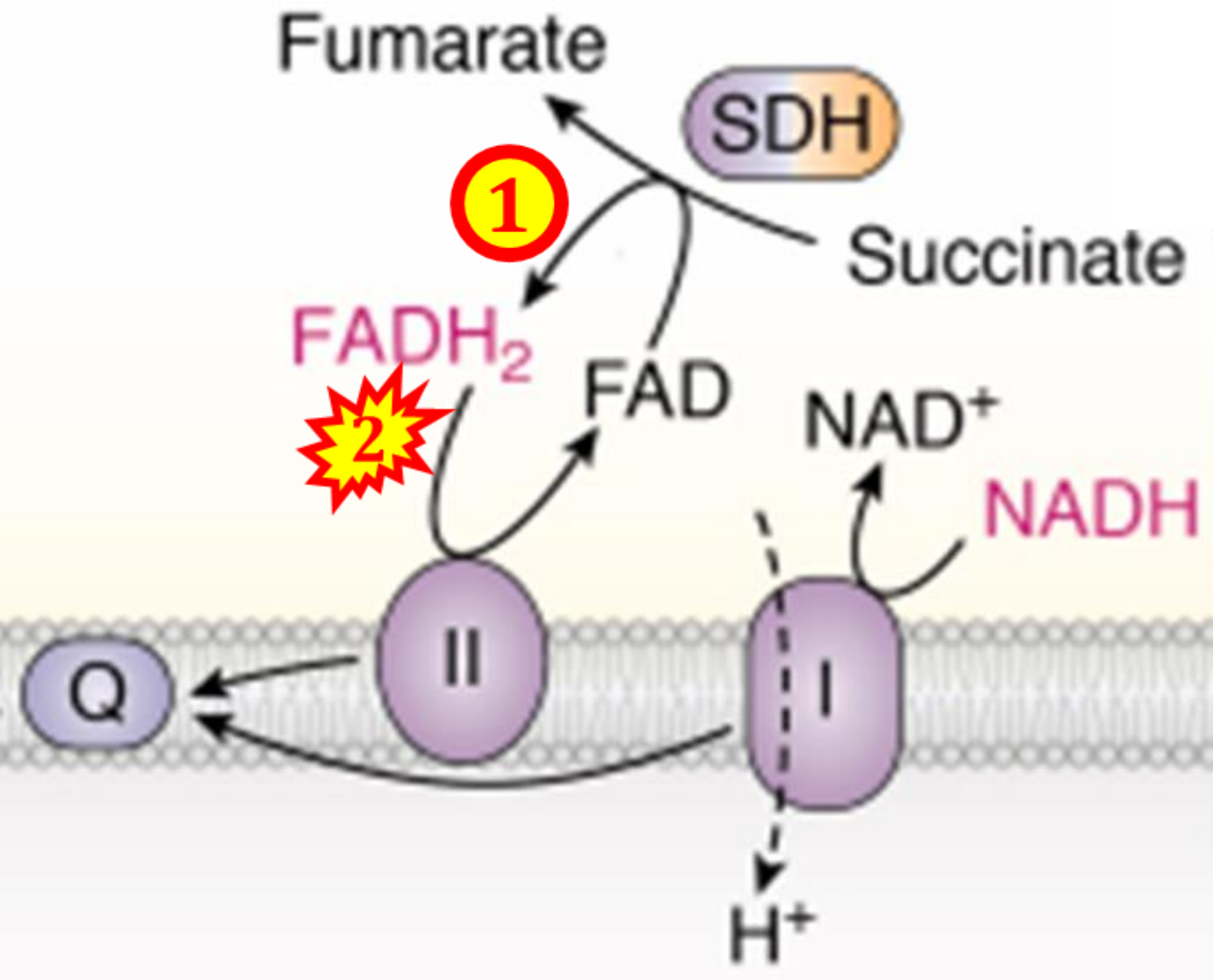


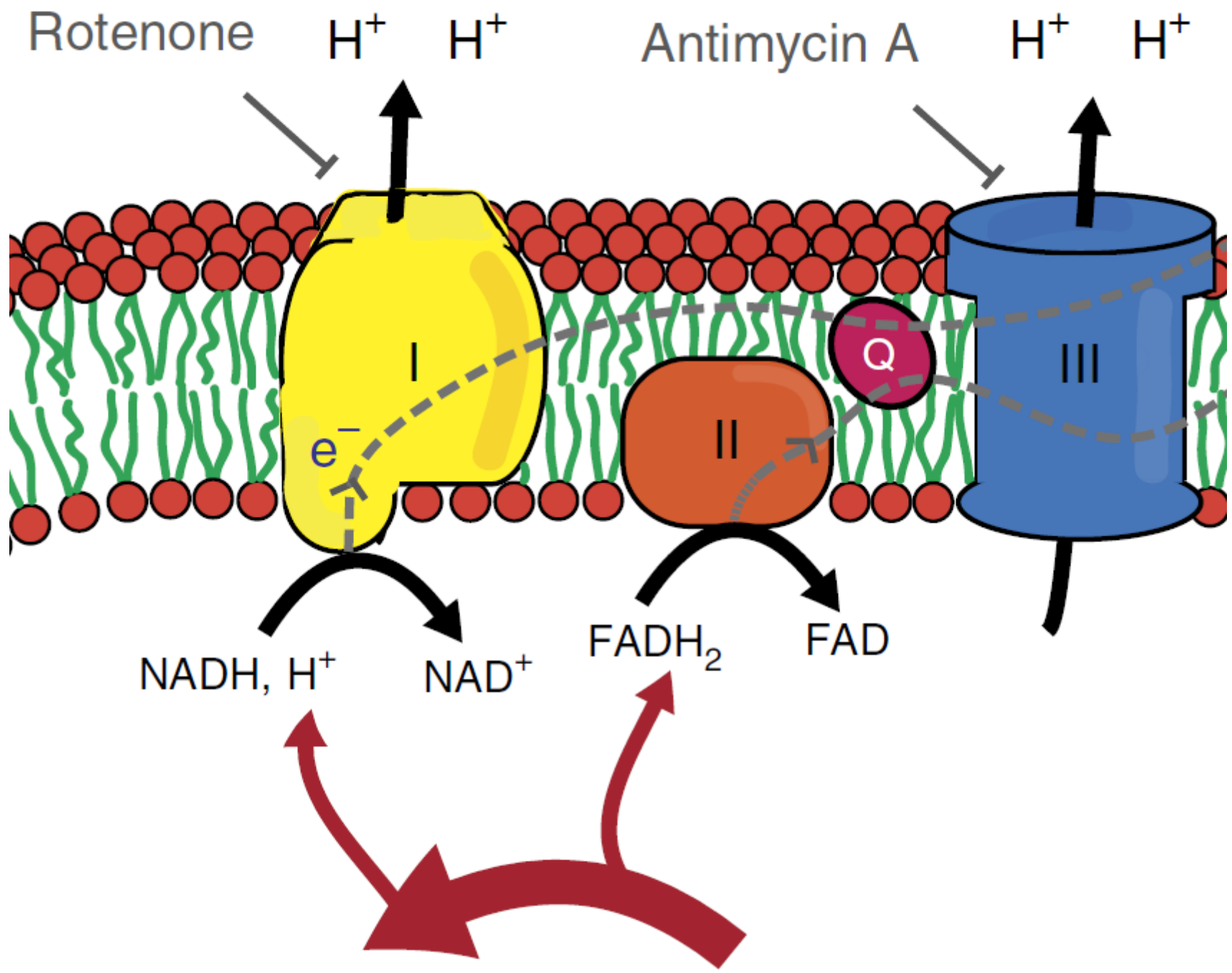
Nature

Zoom into Fig. 1 of Arnold, Finley (2023)

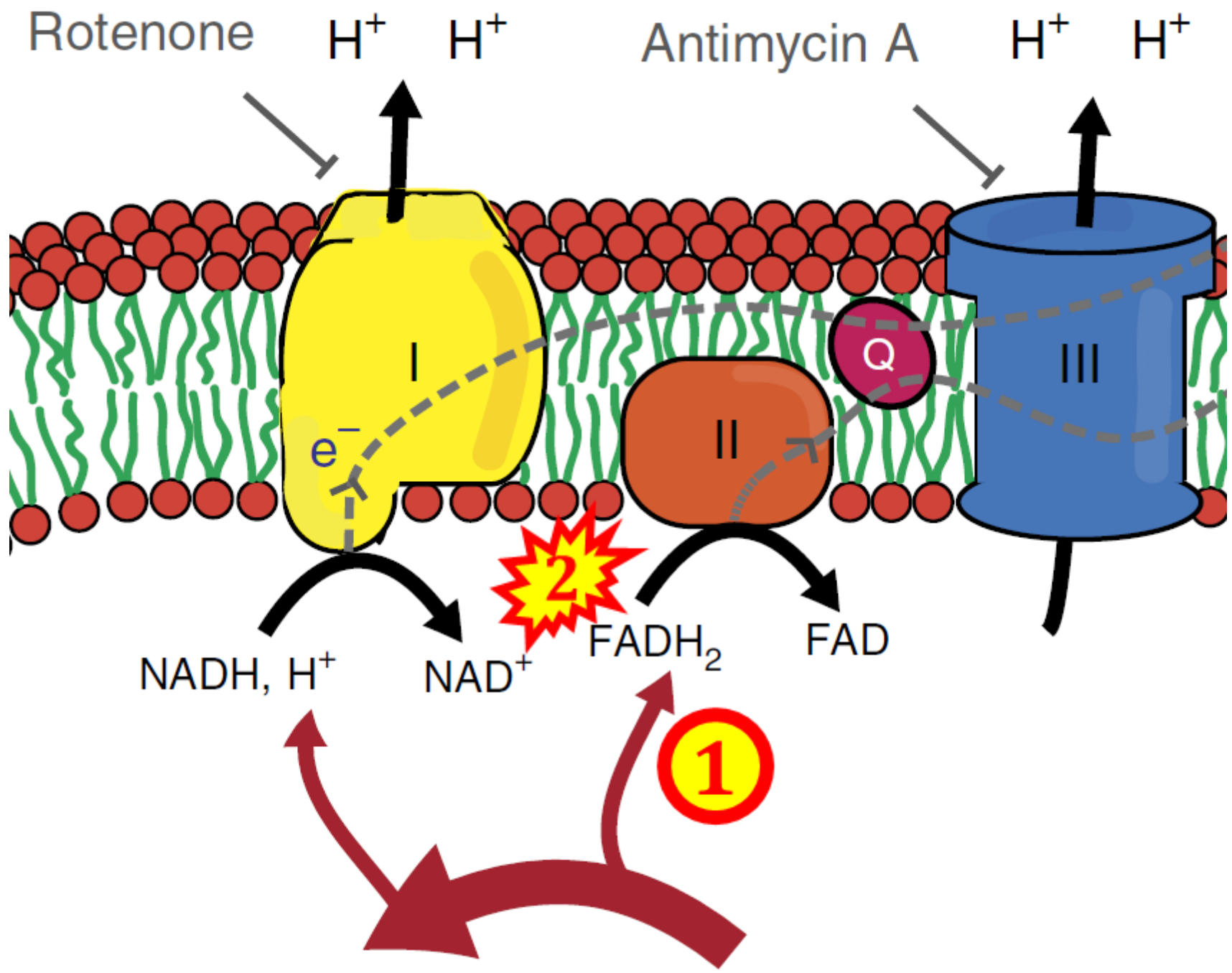


Arnold PK,  
Finley LWS (2023)





Zoom into Fig. 1 of  
Koopman et al  
(2016)

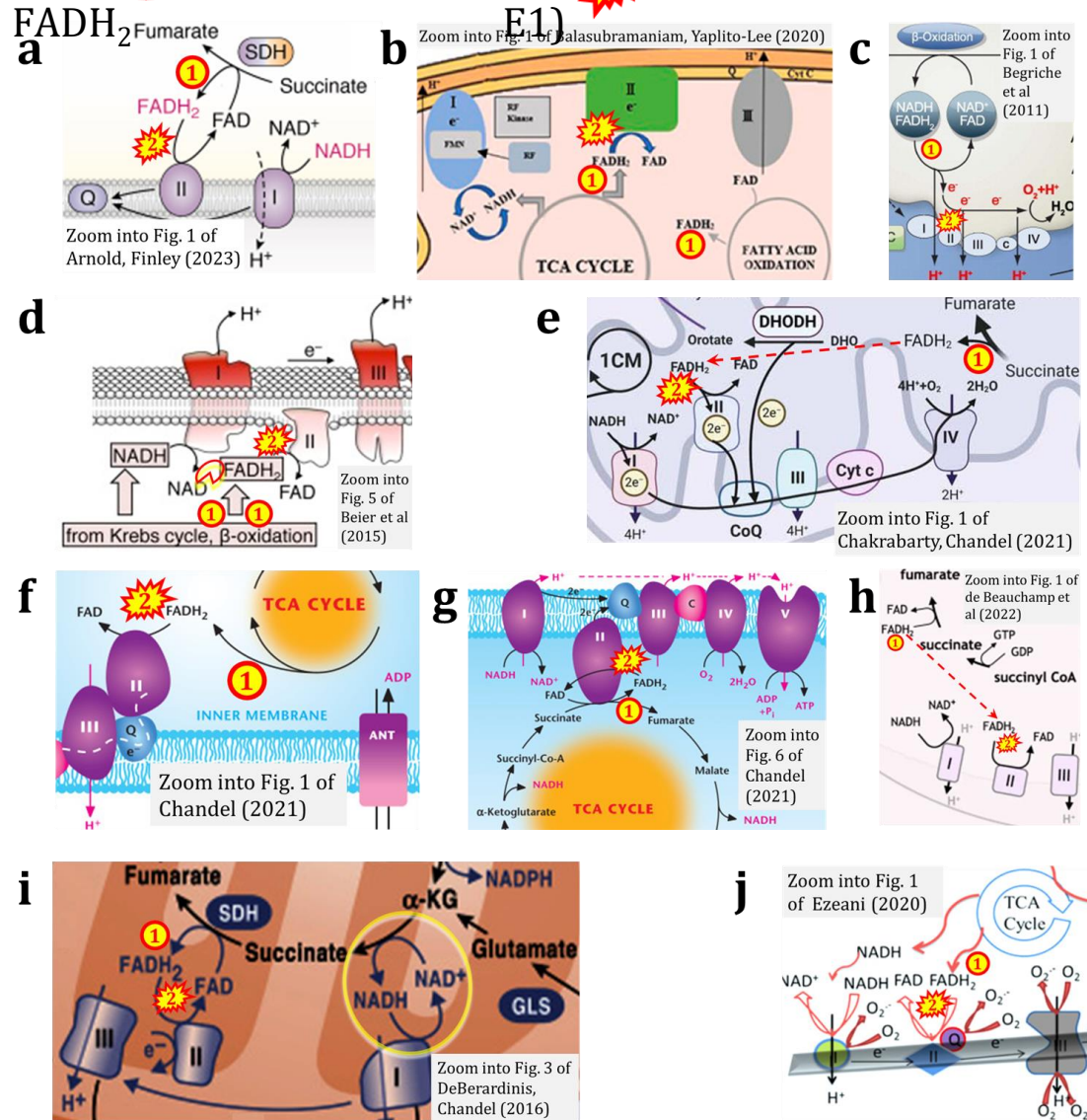


Koopman M,  
 Michels H, Dancy  
 BM, Kamble R,  
 Mouchiroud L,  
 Auwerx J, Nollen  
 EA, Houtkooper RH  
 (2016)

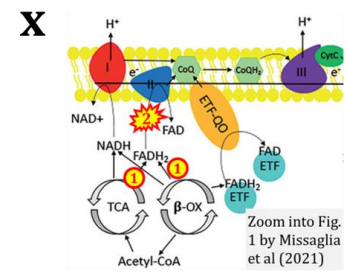
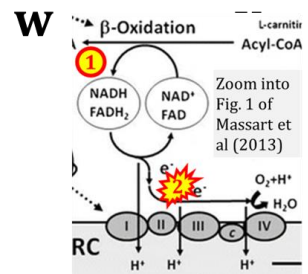
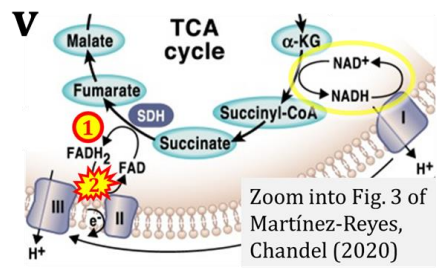
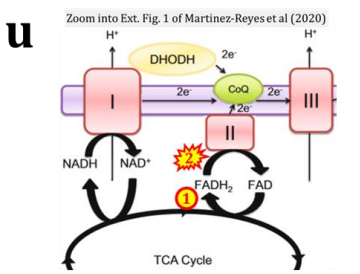
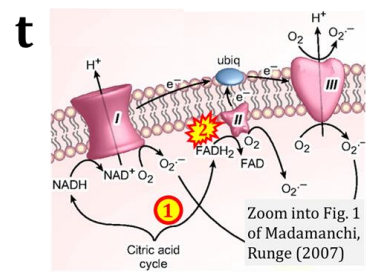
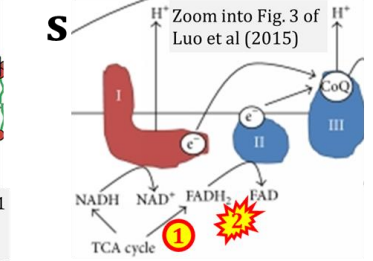
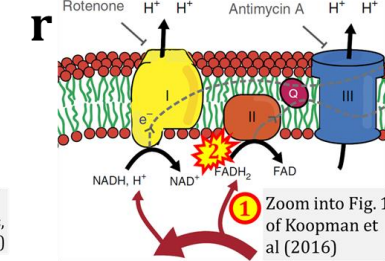
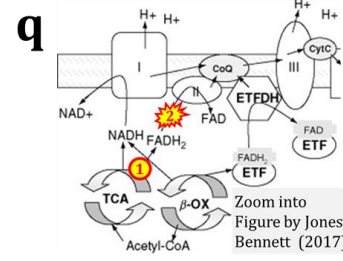
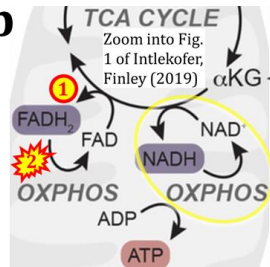
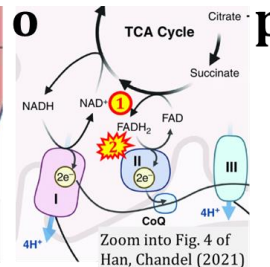
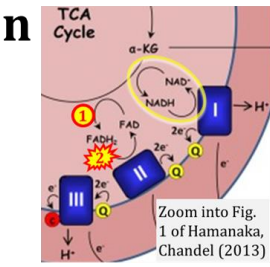
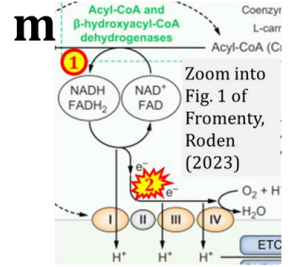
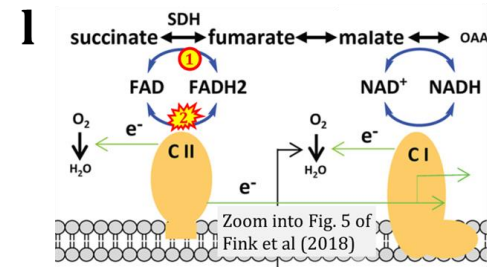
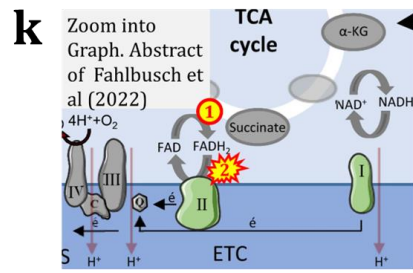
Nat Protocols

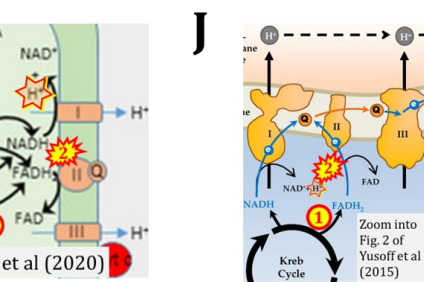
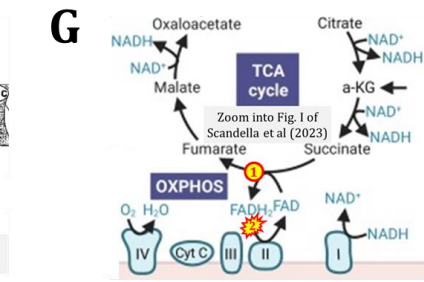
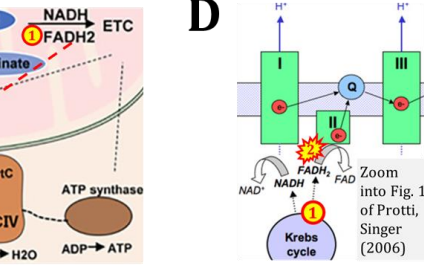
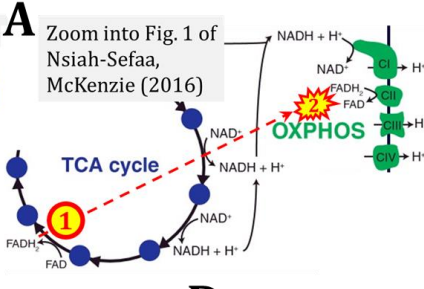
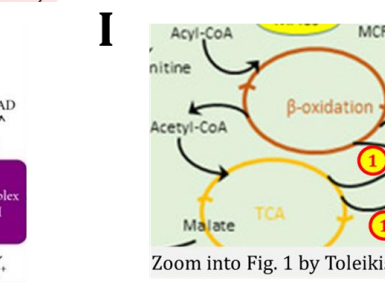
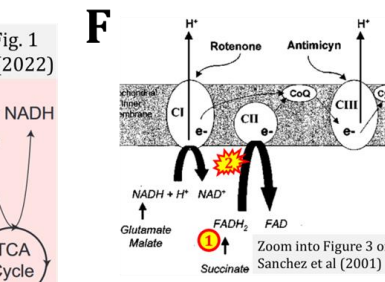
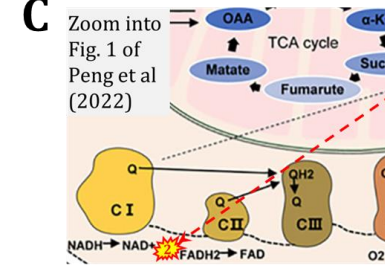
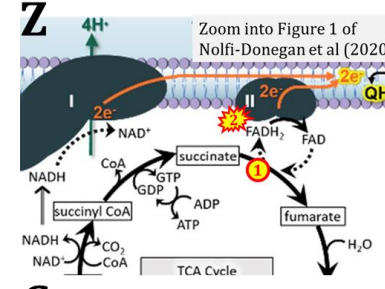
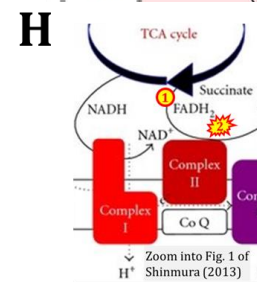
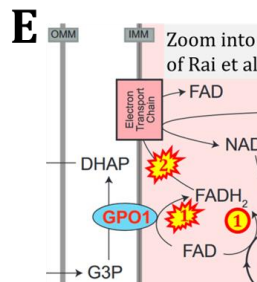
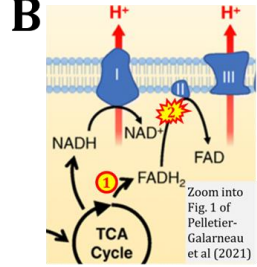
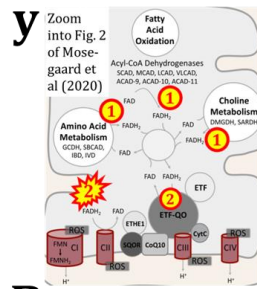
# Supporting Figure S1

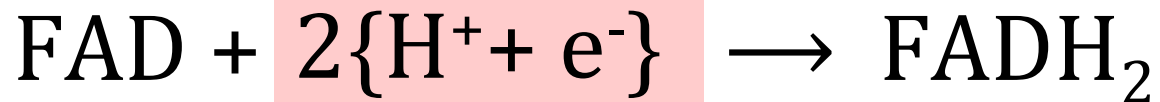
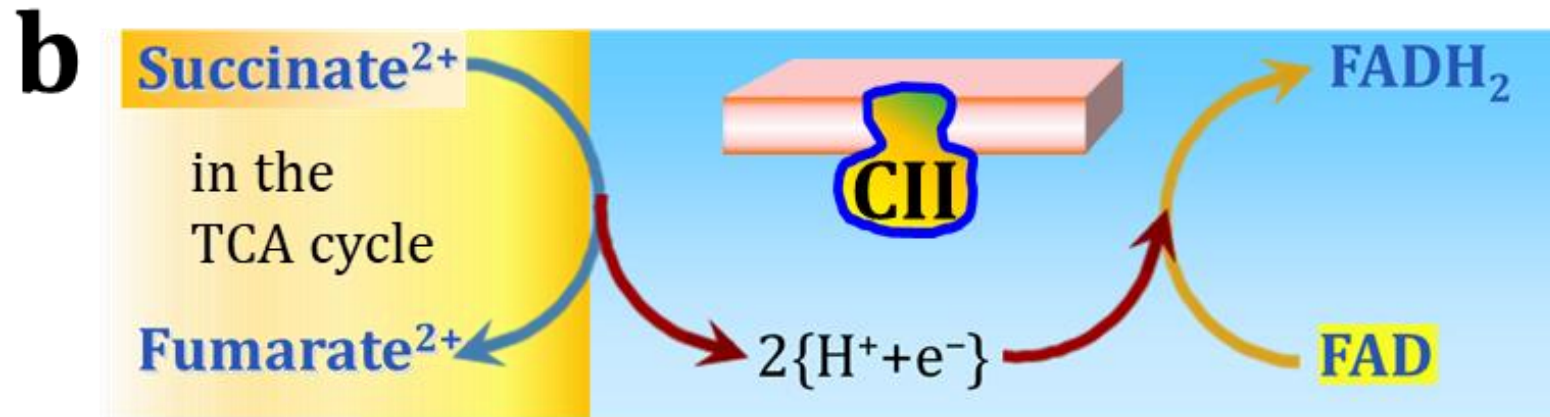
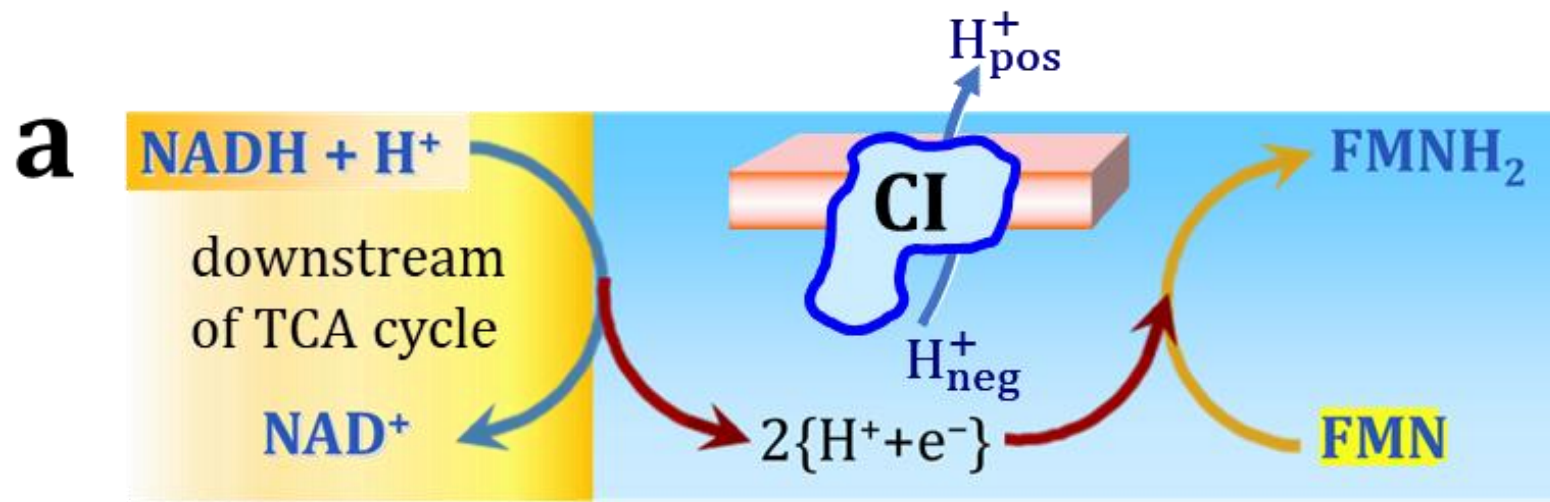
SDH: **1**      FAD → CII: **2**      FADH<sub>2</sub> → FAD (Eq. E1)

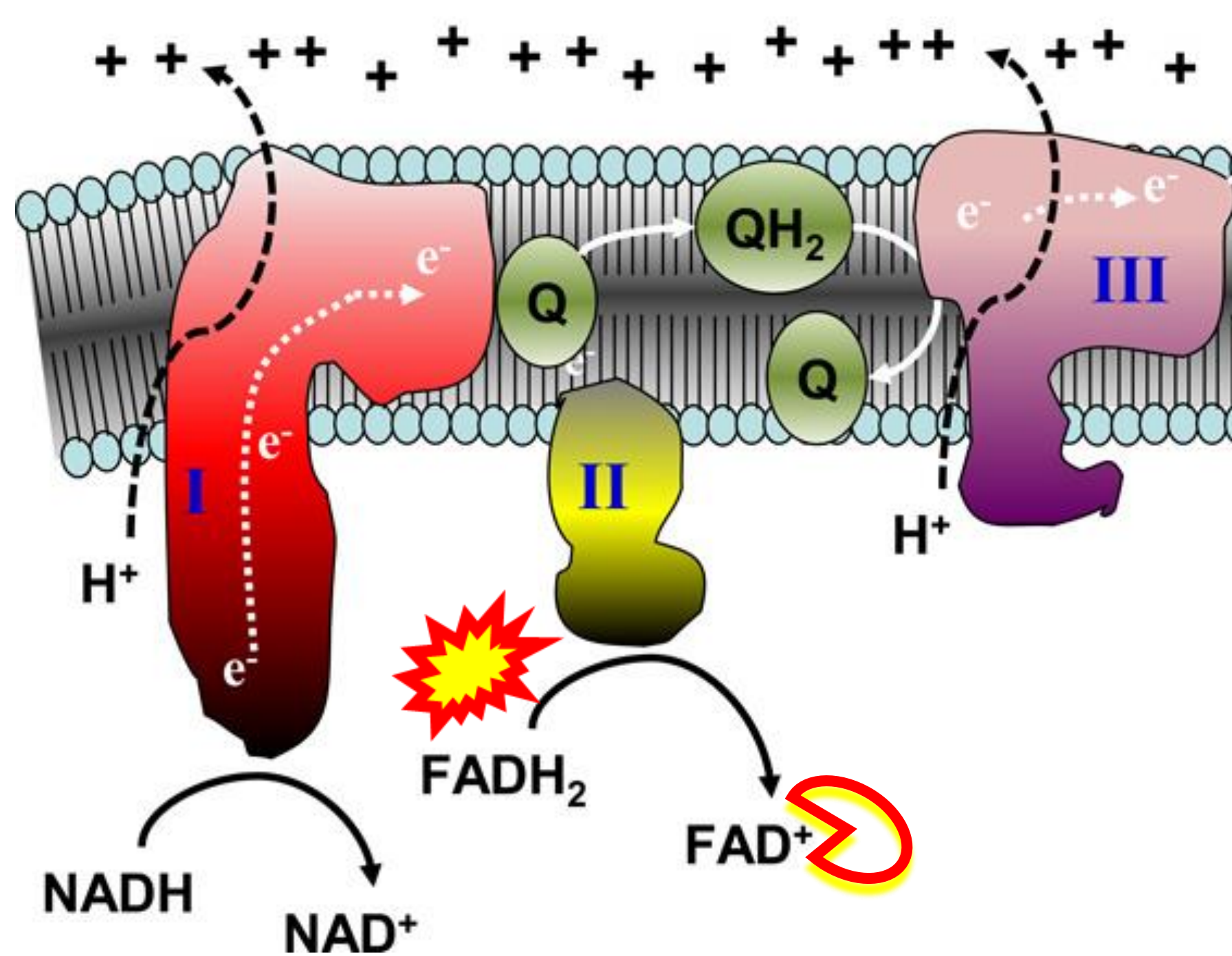






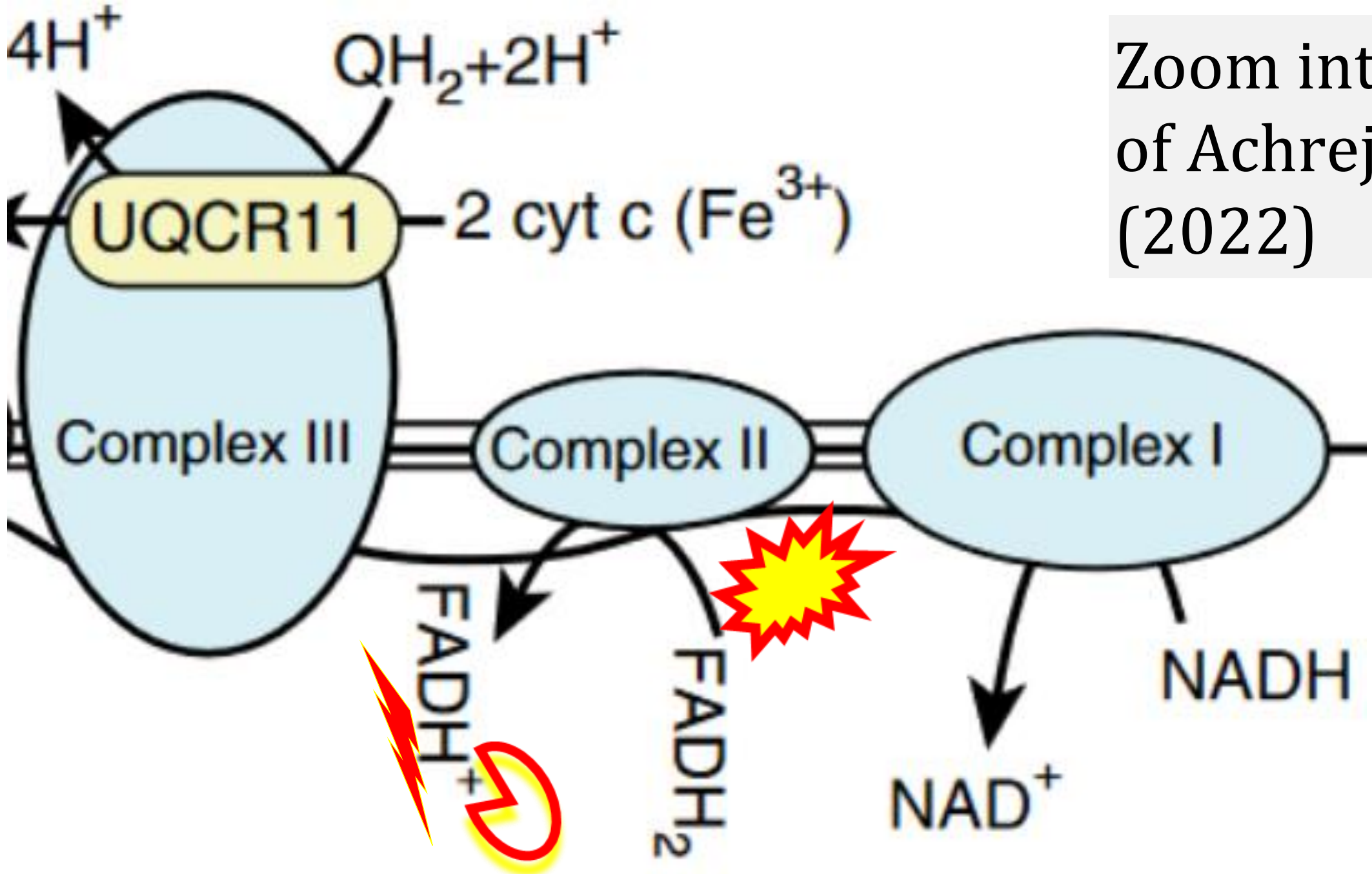


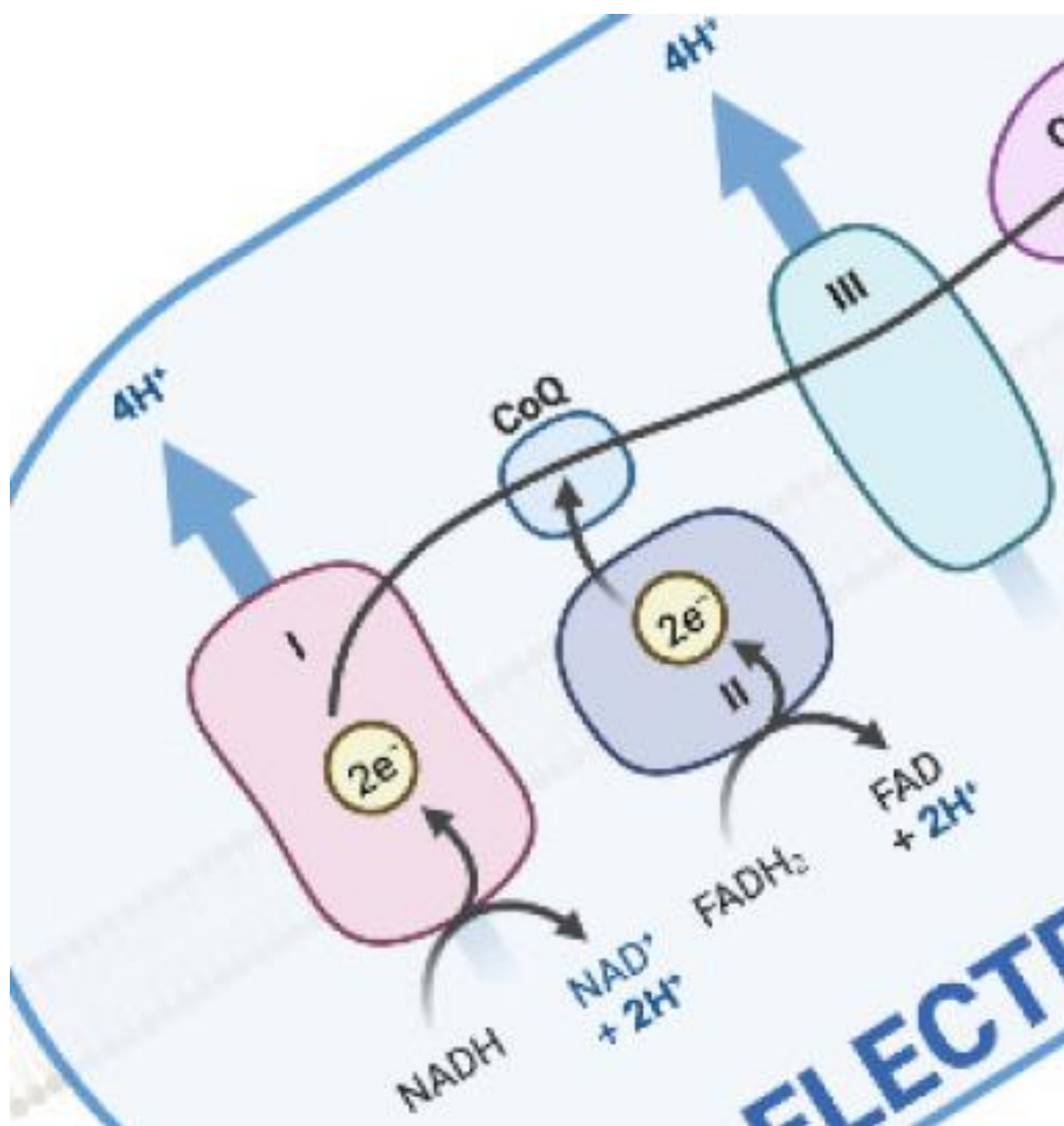




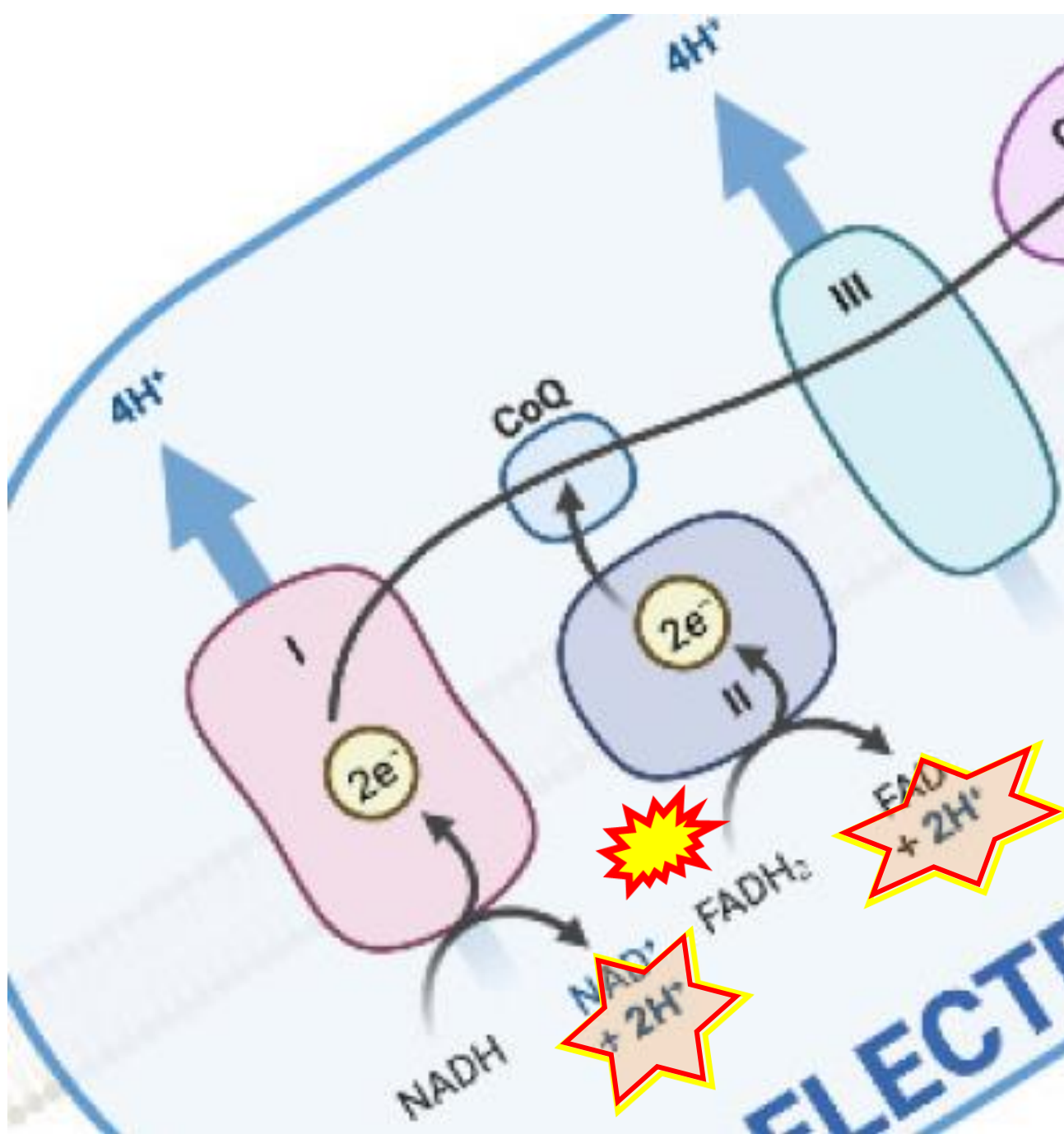
Zoom into Fig. 1 of  
Fisher-Wellman,  
Neufer (2012)

Zoom into Fig. 3  
of Achreja et al  
(2022)

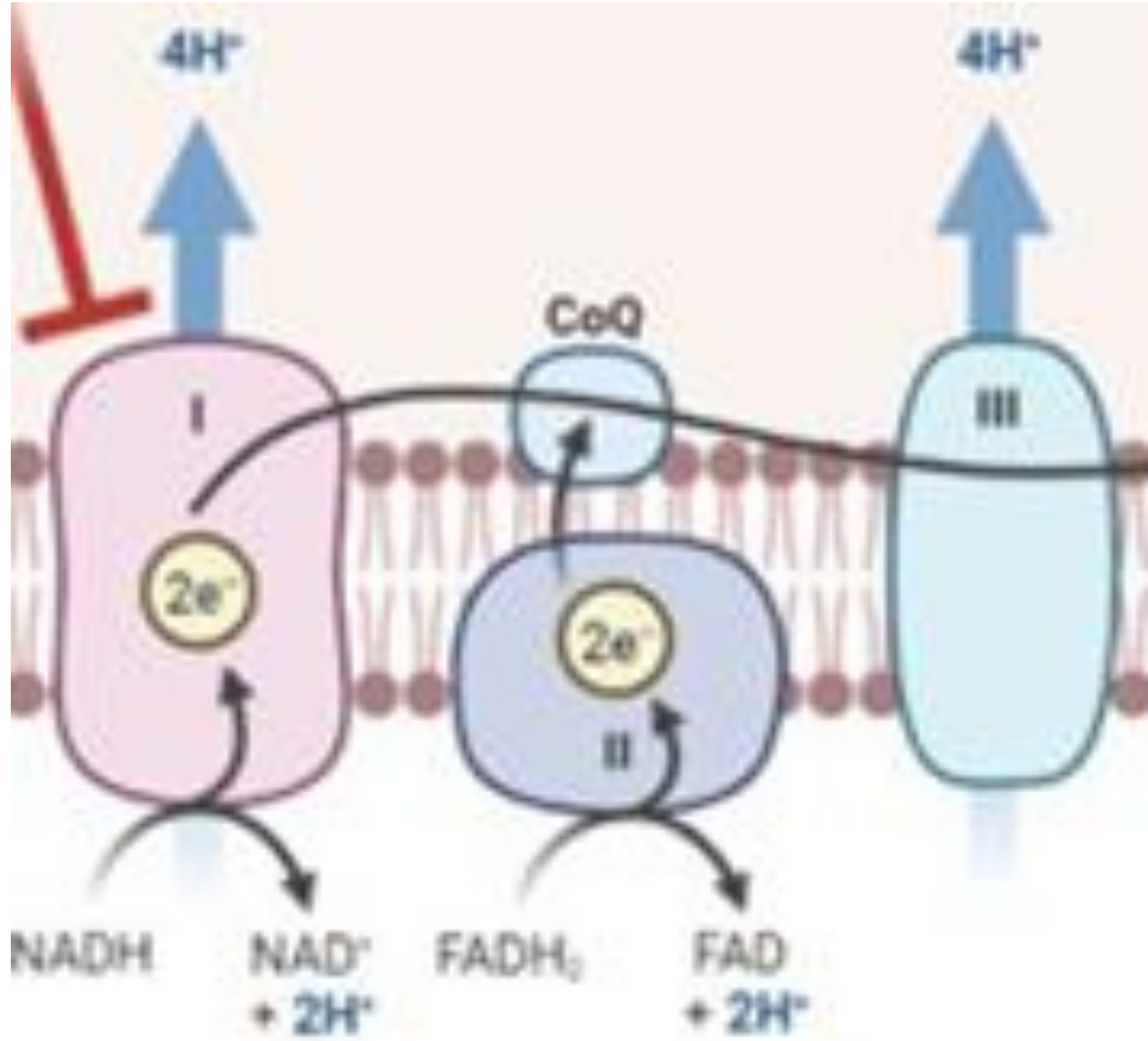




Zoom into Fig. 7 of  
Egan, Sharples  
(2023)

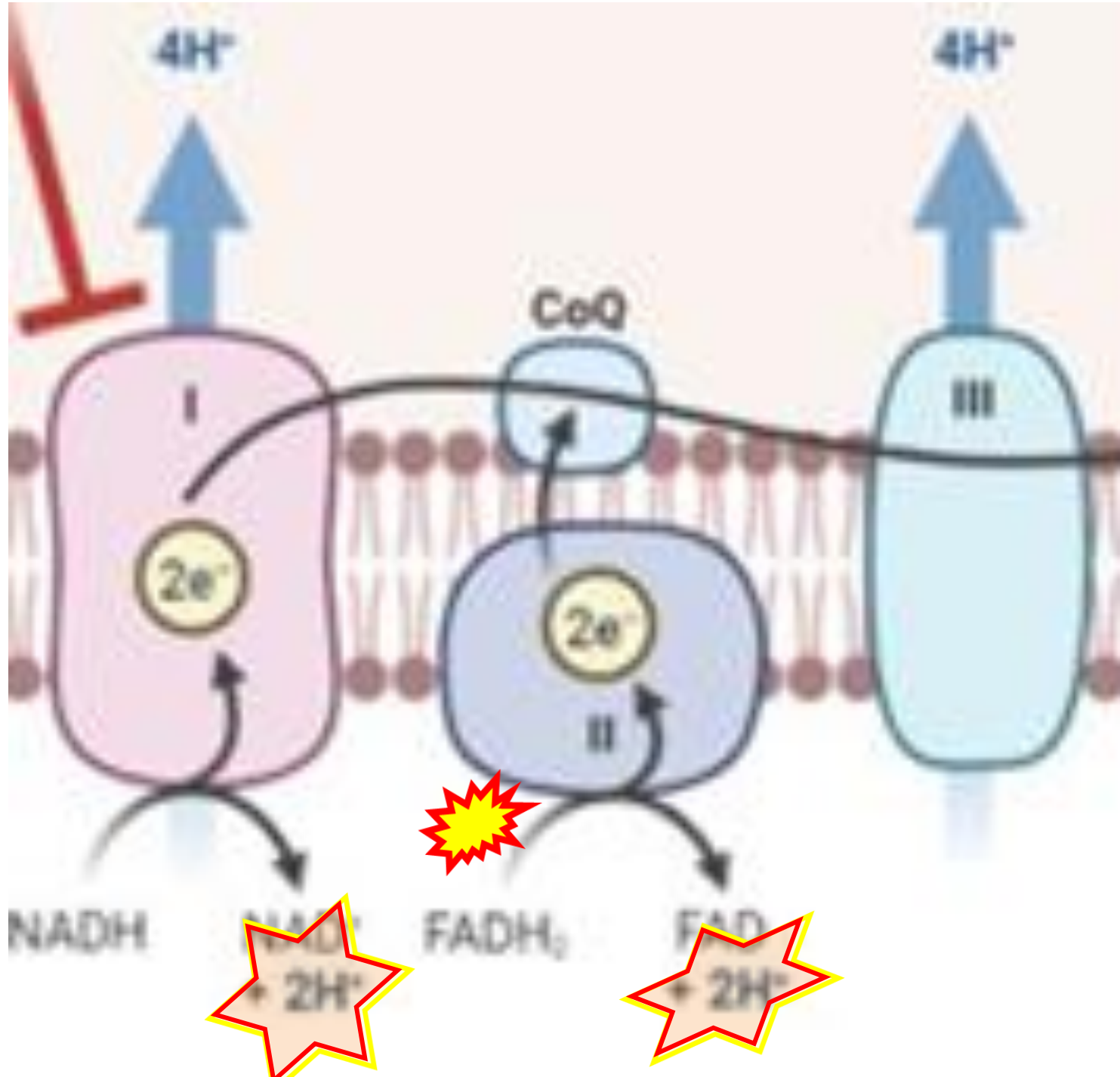


Egan, Sharples  
(2023)

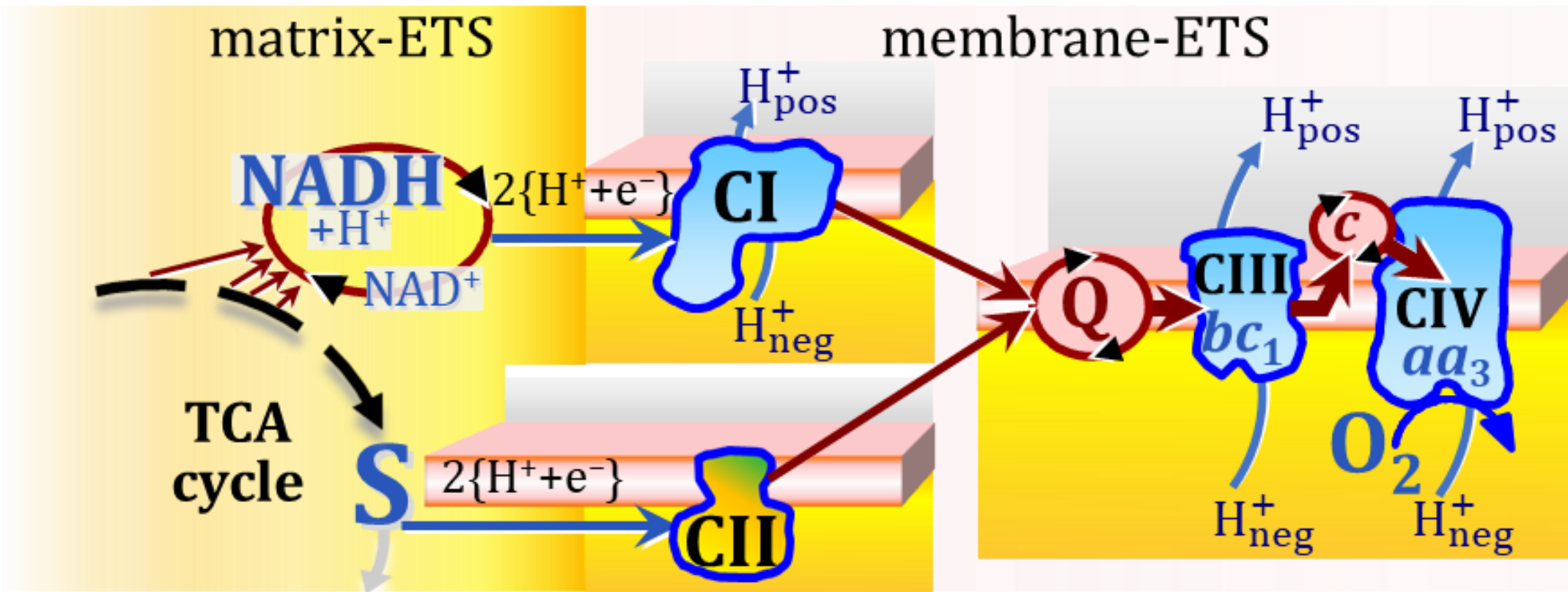


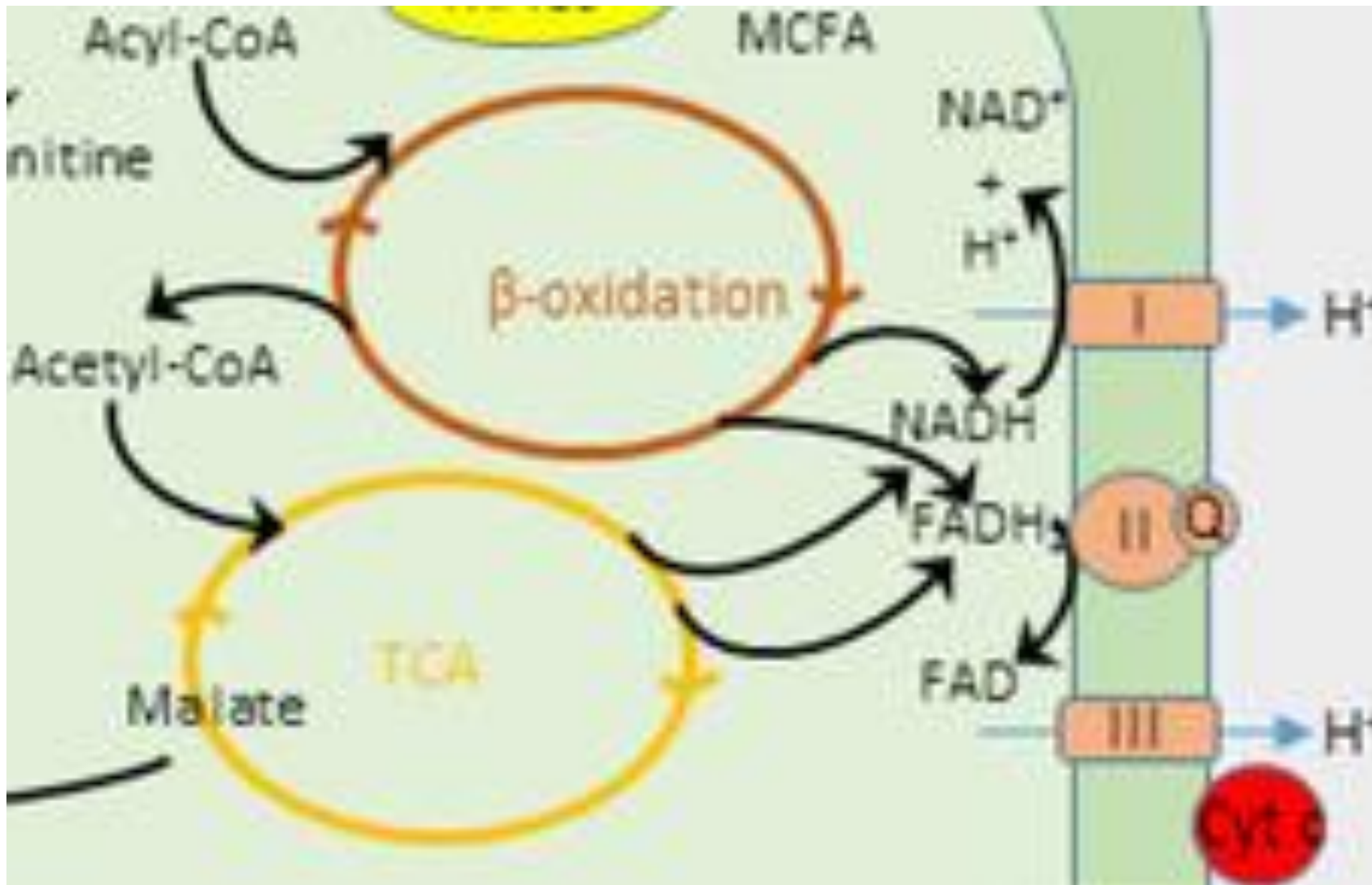
Zoom into Fig. 10 of Martell et al (2023)



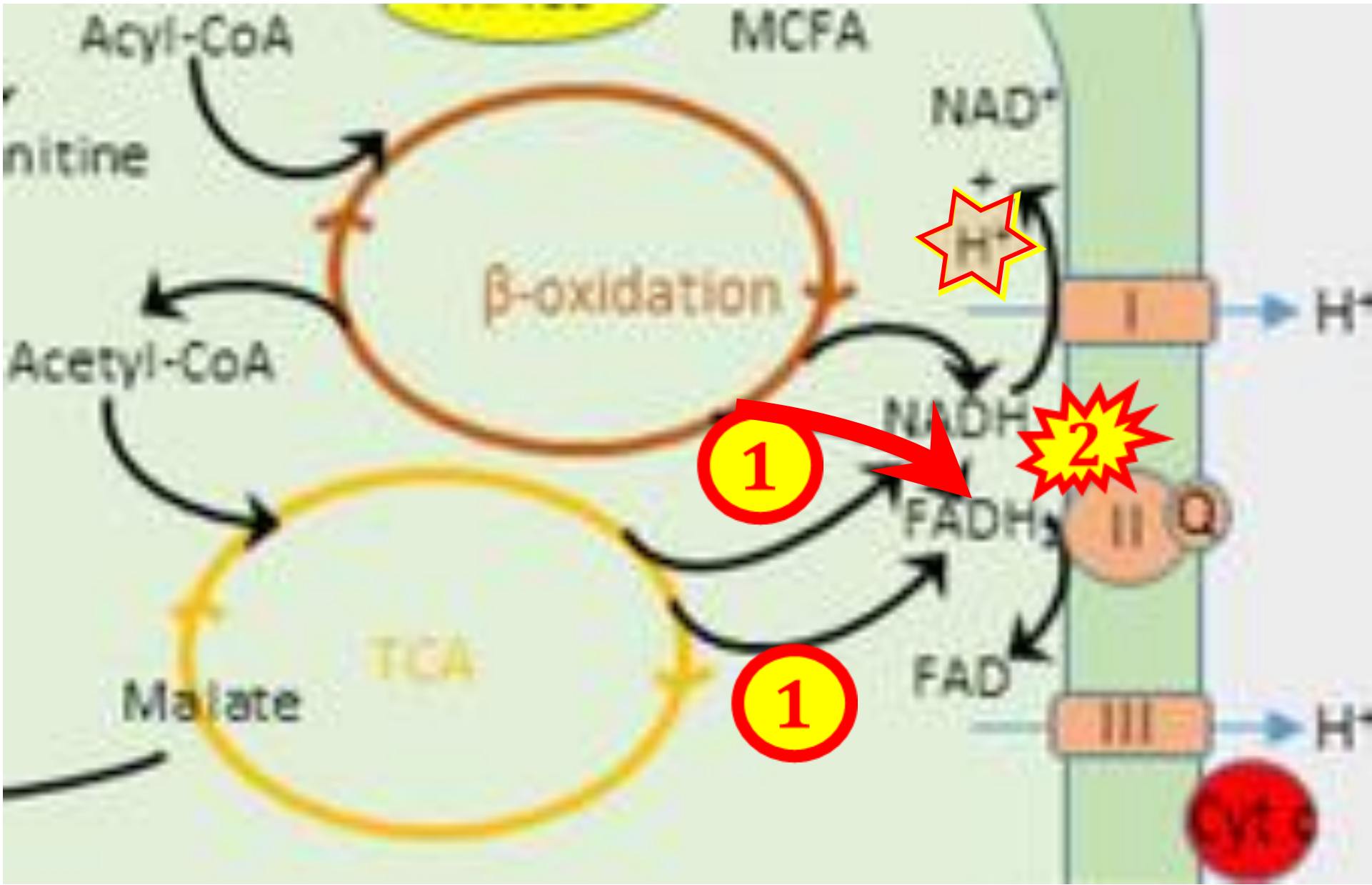


Zoom into Fig. 10 of  
Martell et al (2023)





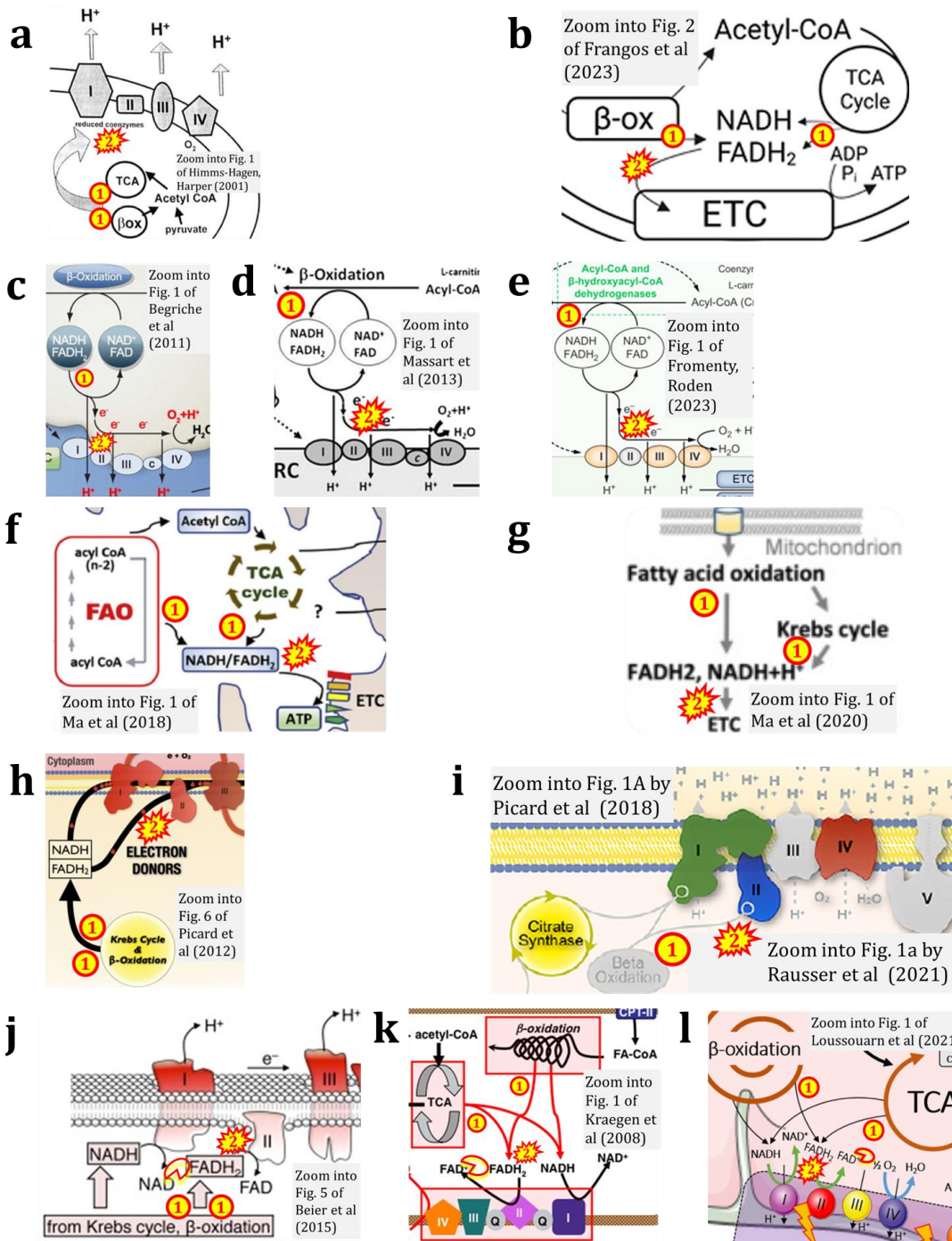
Zoom into Fig. 1 by Toleikis et al (2020)

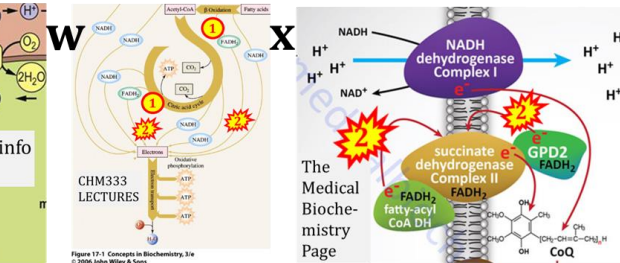
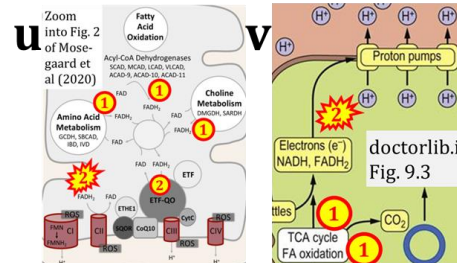
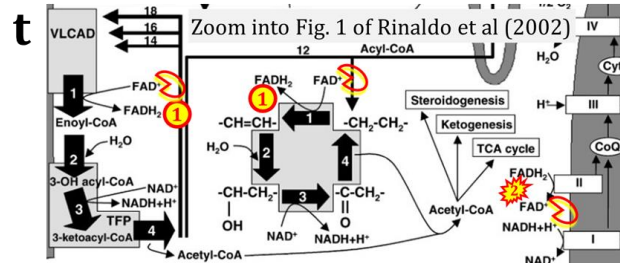
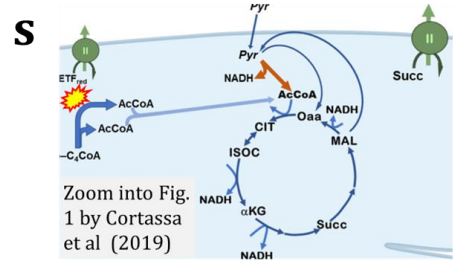
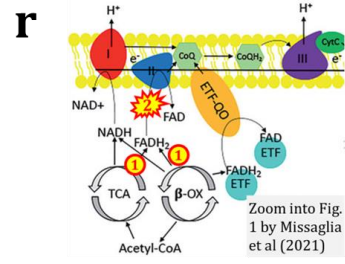
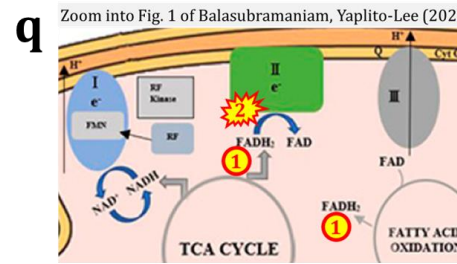
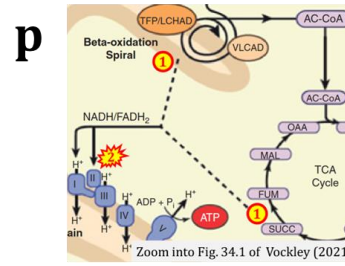
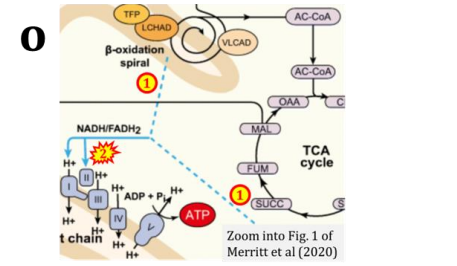
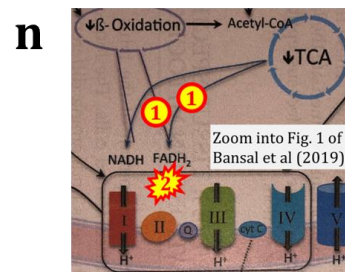
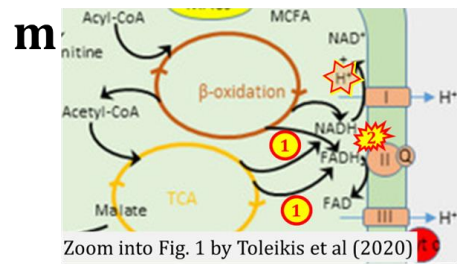


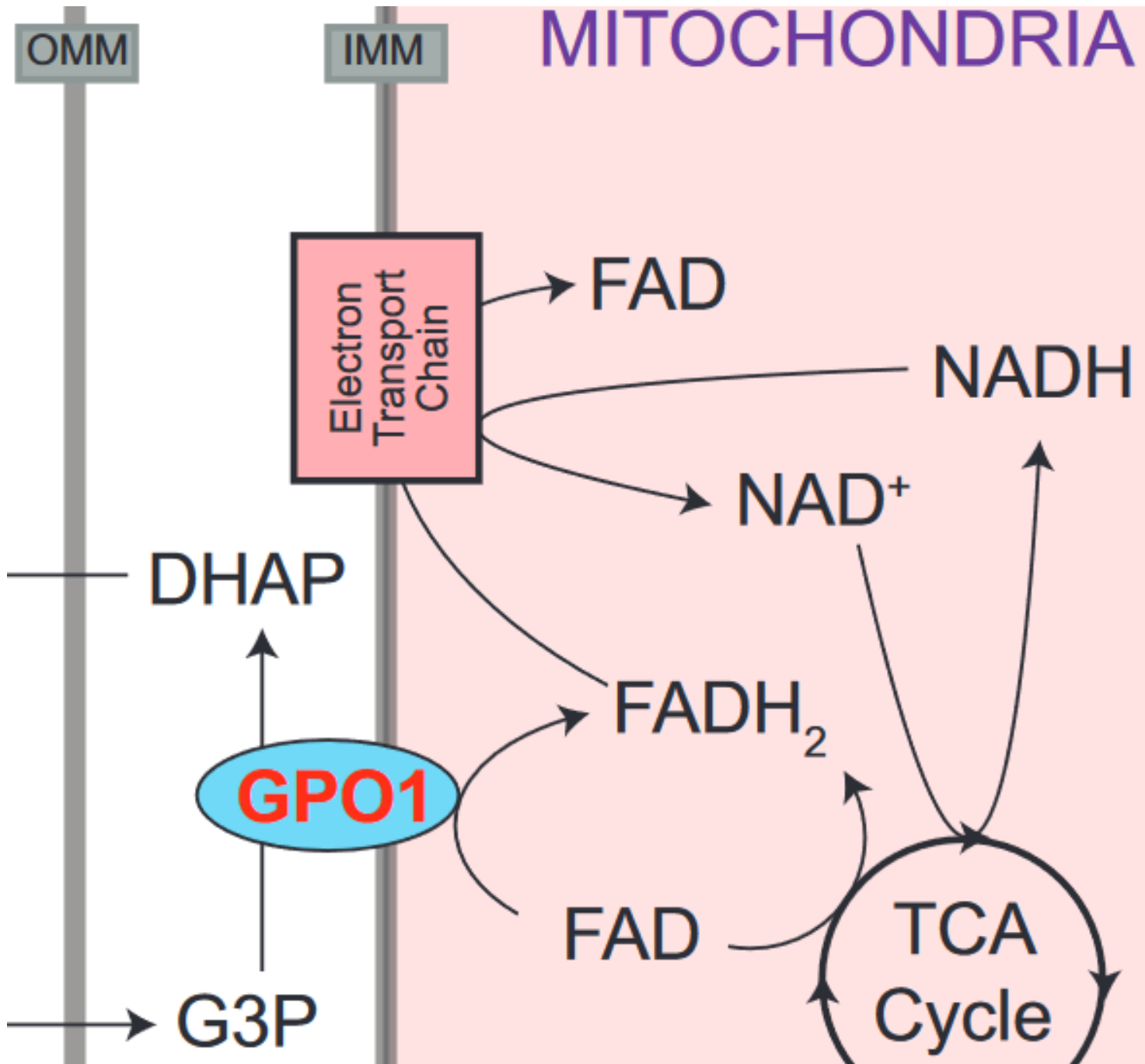
Toleikis A, Trumbeckaite S, Liobikas J, Pauziene N, Kursvietiene L, Kopustinskiene DM (2020)

Cells

# Supporting Figure S8

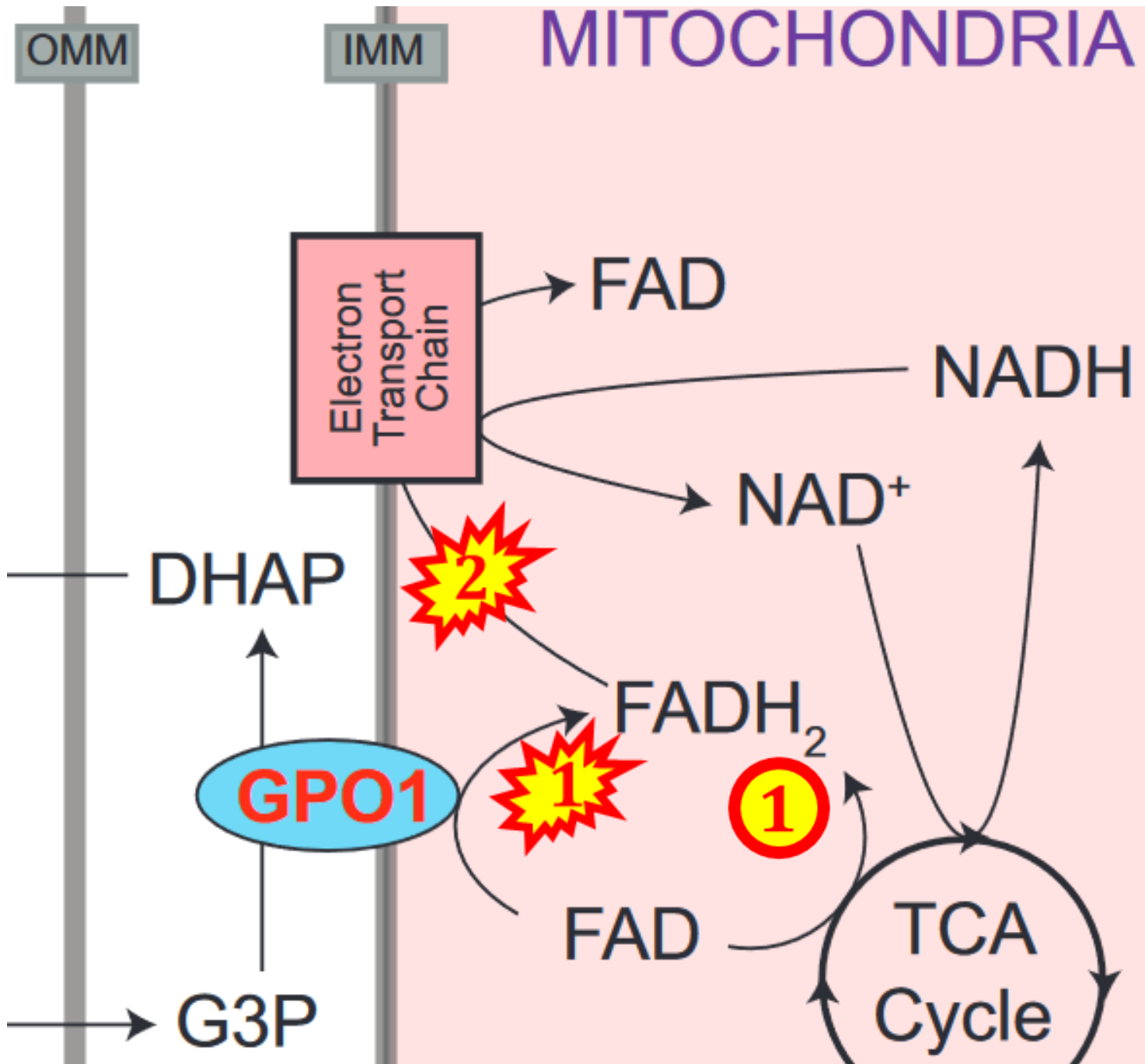






Zoom into Fig. 1 of Rai et al (2022)

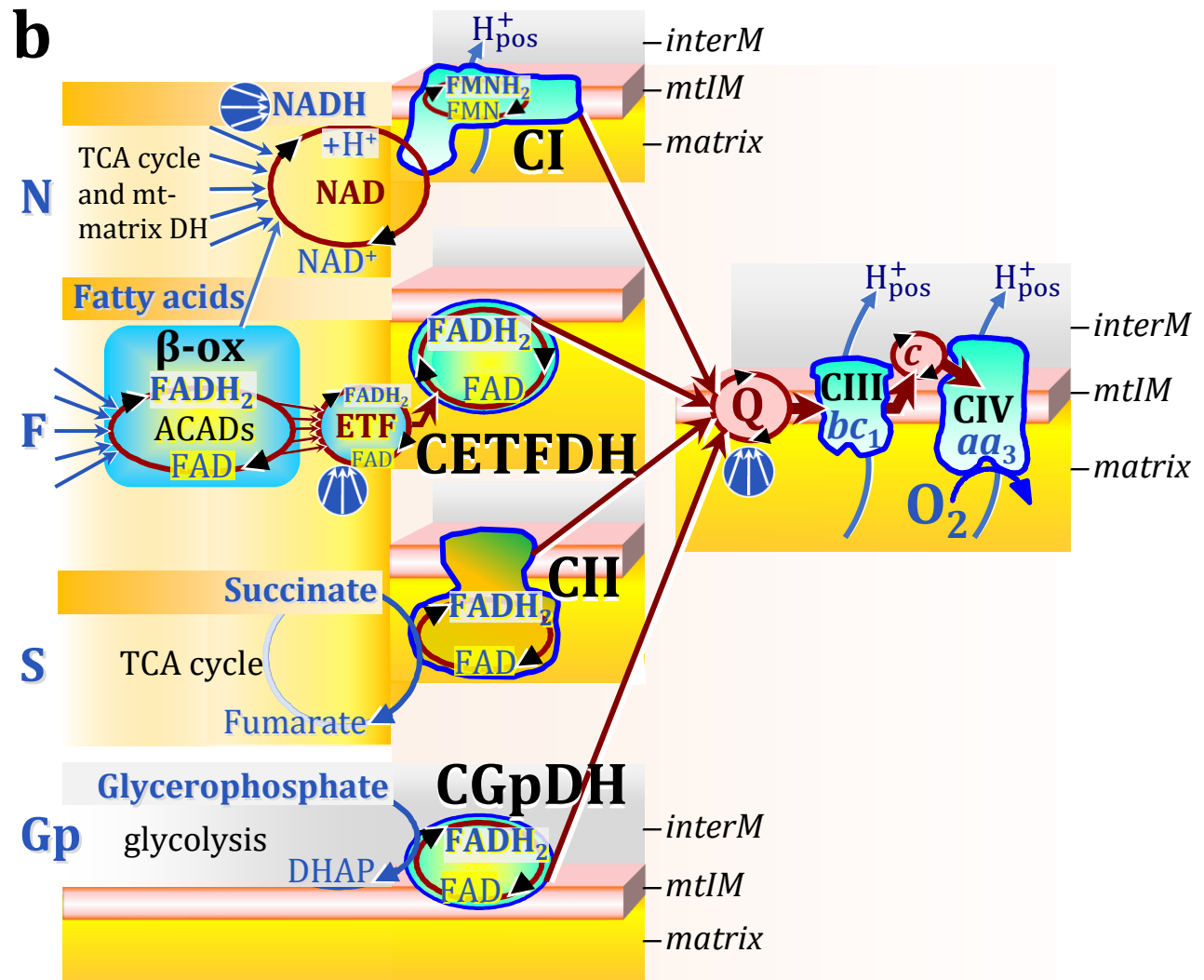
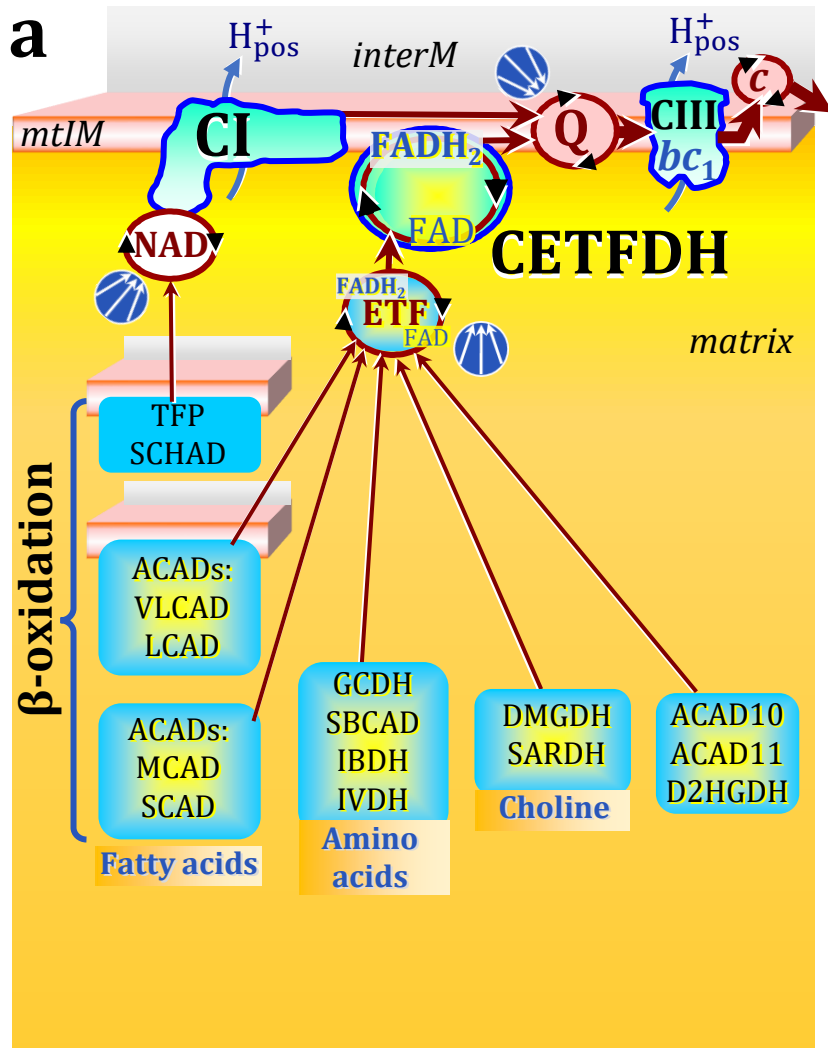
G3 (Bethesda)

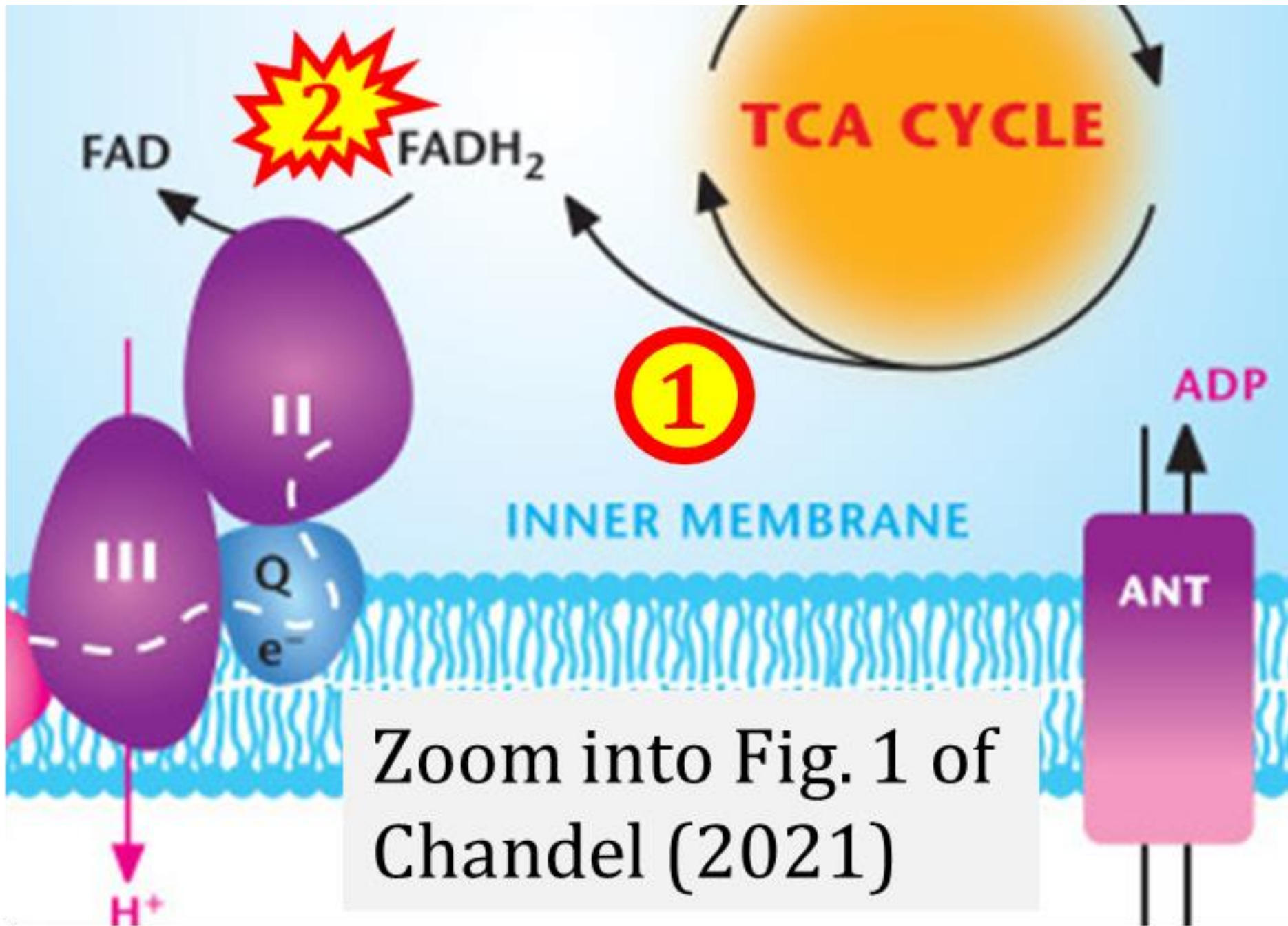


Rai M, Carter SM,  
 Shefali SA,  
 Mahmoudzadeh NH,  
 Pepin R, Tennessen  
 JM (2022)

G3 (Bethesda)







Cold Spring Harb  
Perspect Biol

# TCA CYCLE

Zoom into Fig. 1 of Intlekofer, Finley (2019)

$\alpha$ KG

1

FADH<sub>2</sub>

FAD

2

OXPHOS

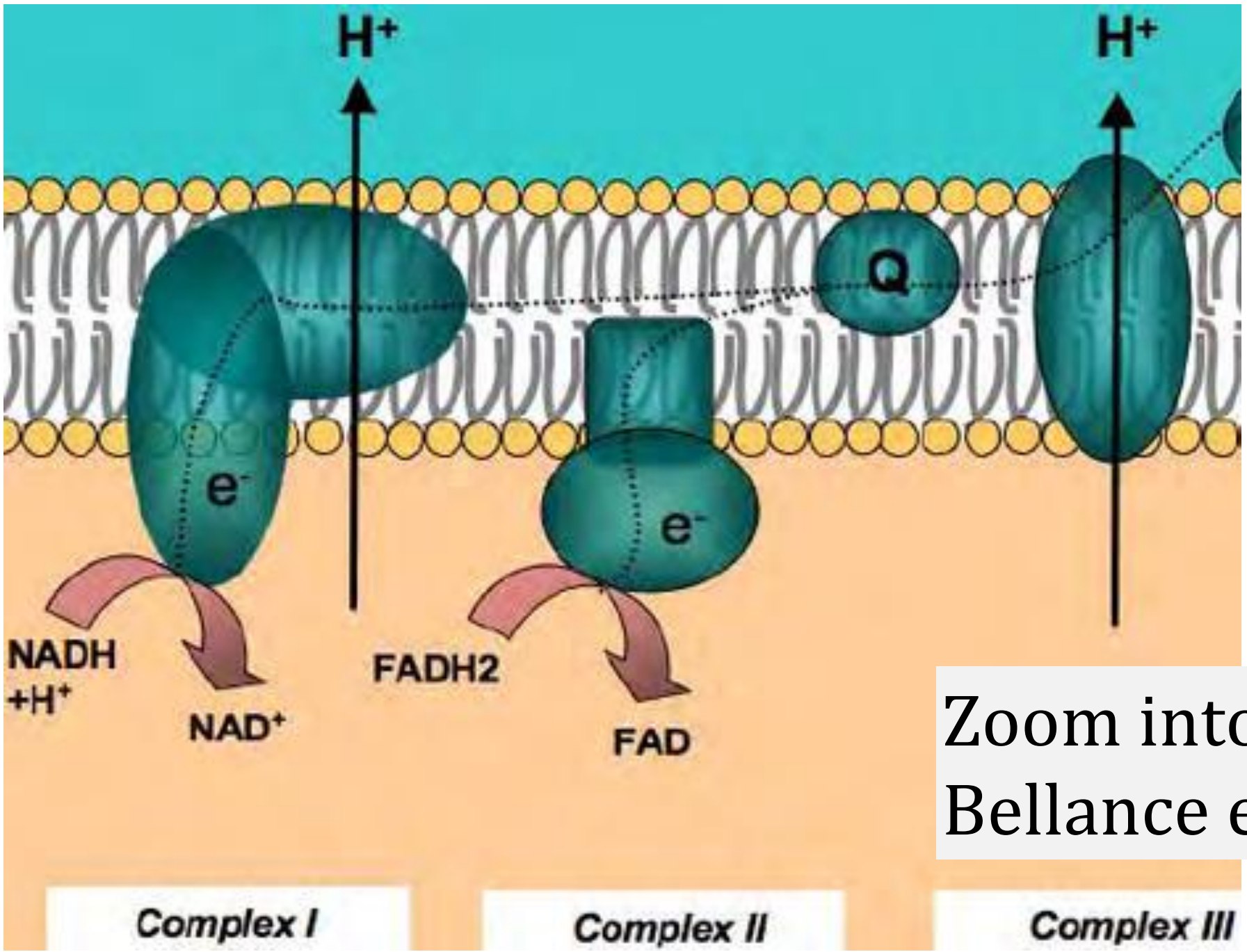
NADH

NAD<sup>+</sup>

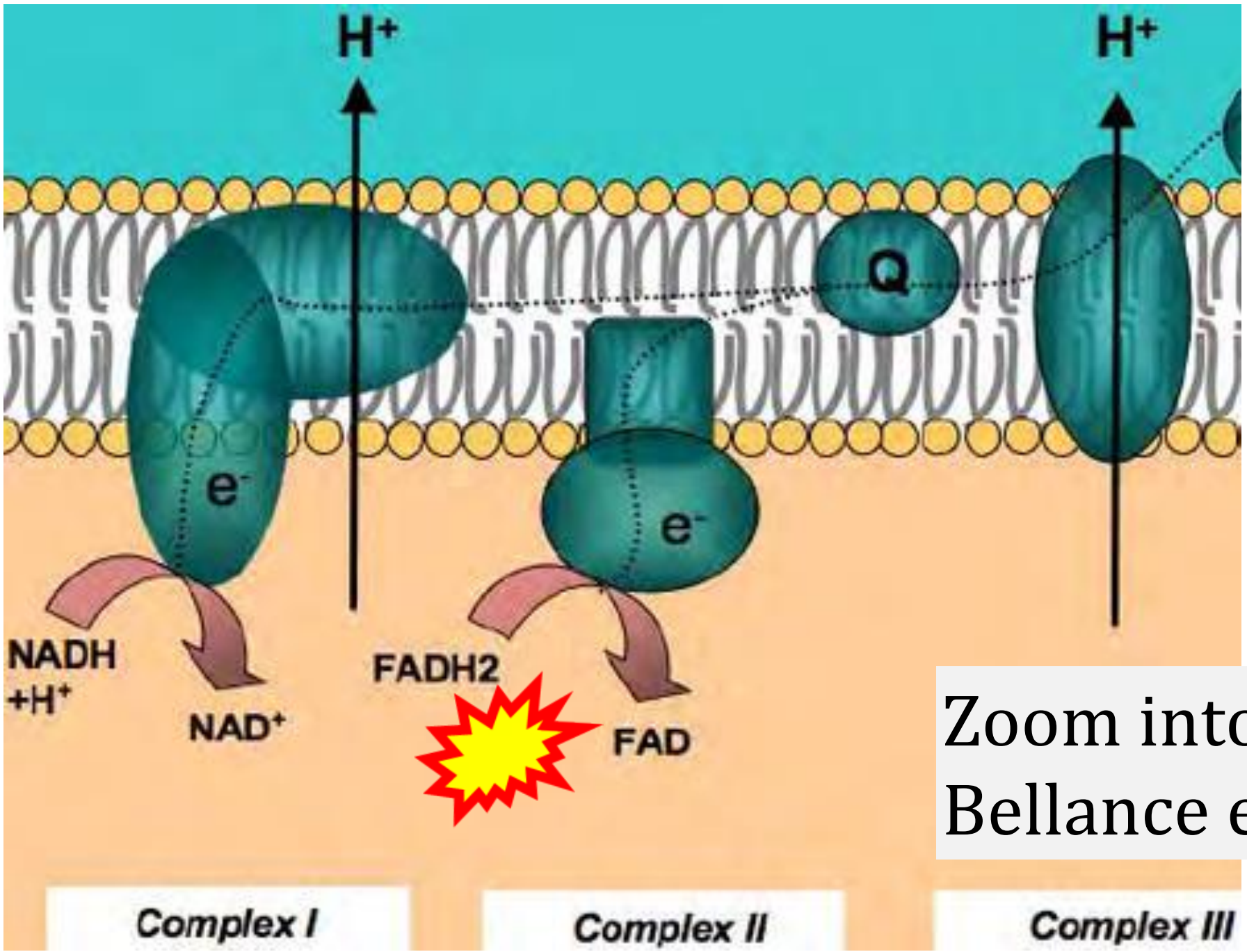
OXPHOS

ADP

ATP

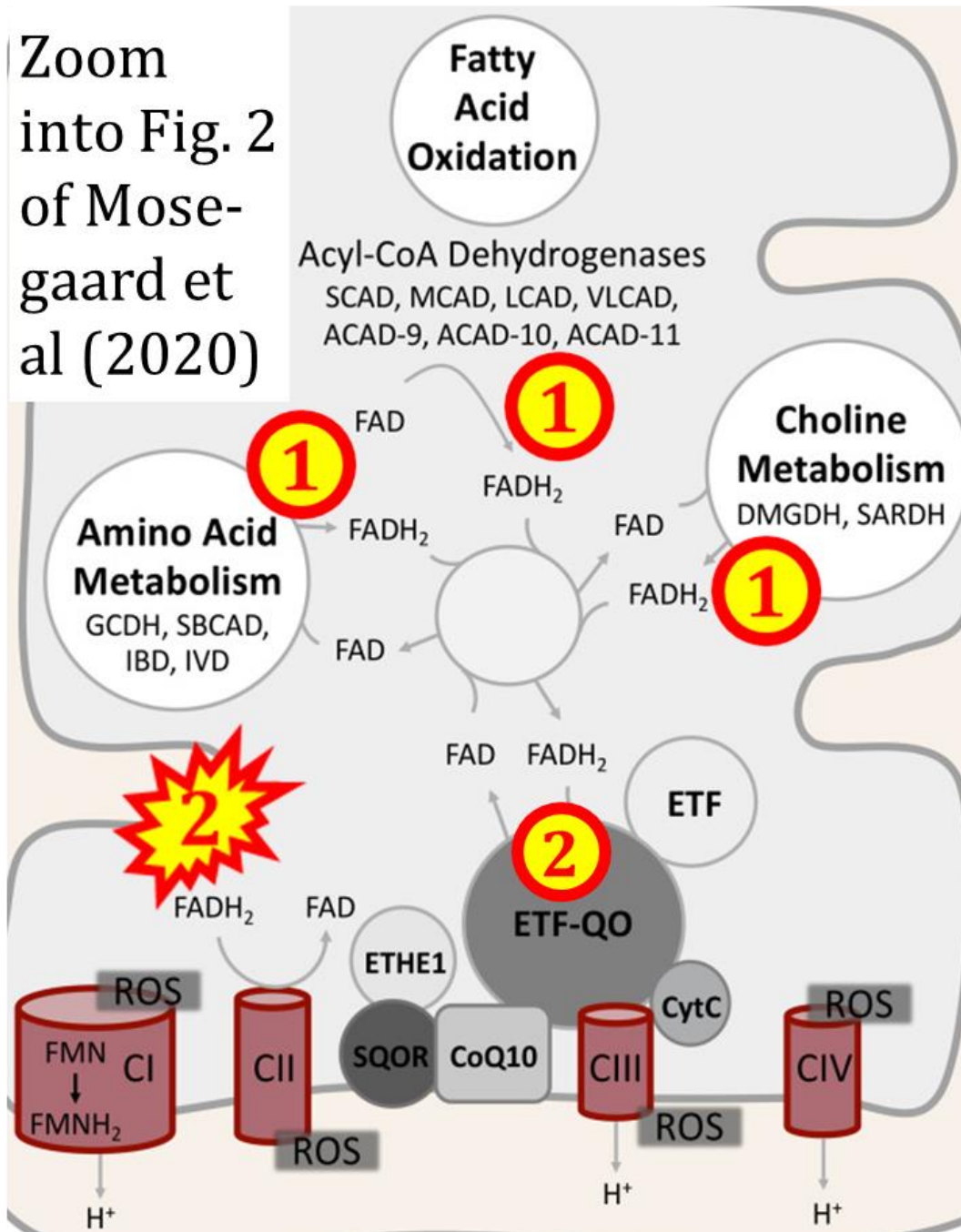


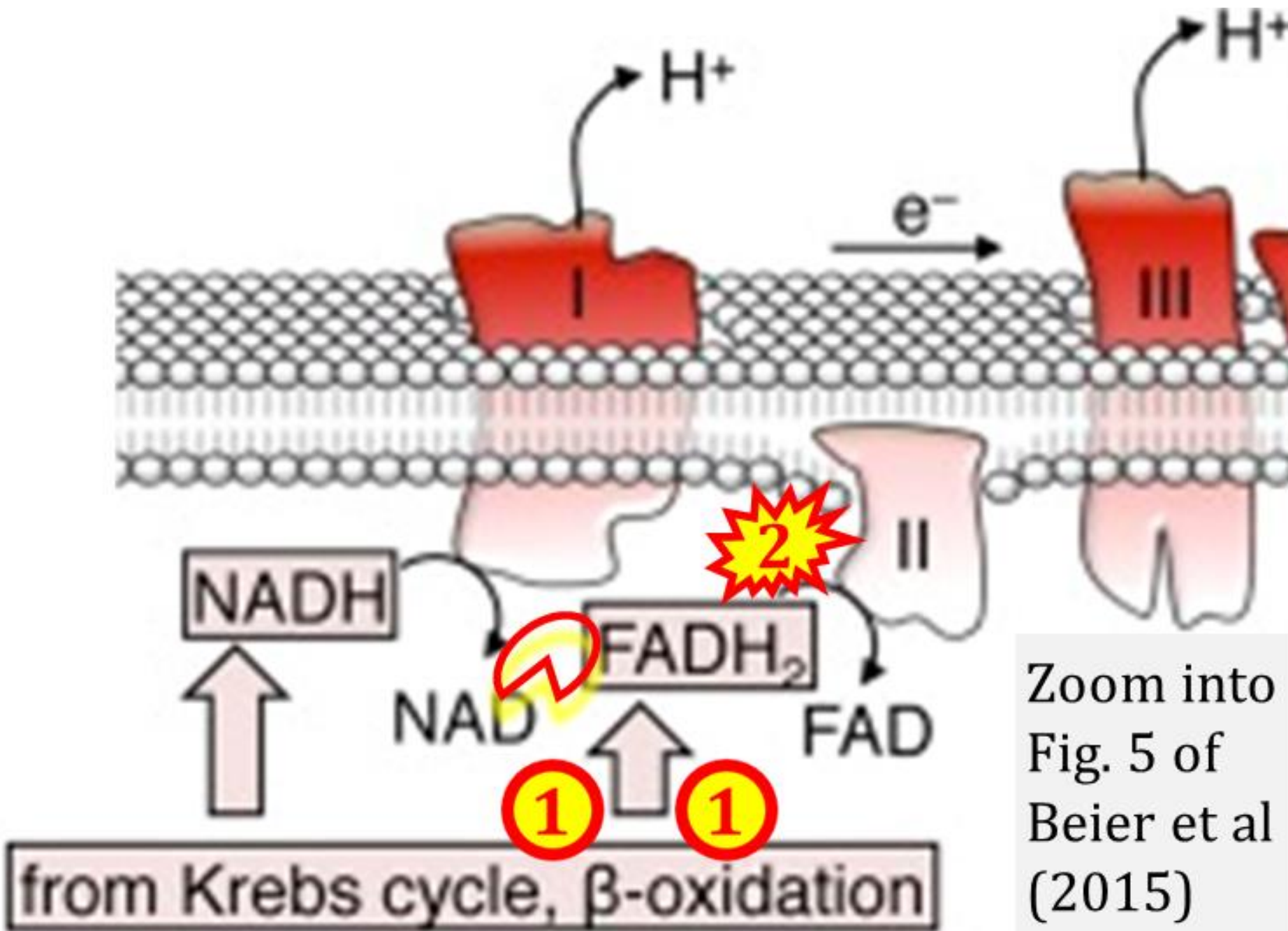
Zoom into Fig. 5 of Bellance et al (2009)



Zoom into Fig. 5 of Bellance et al (2009)

Zoom into Fig. 2 of Mosegaard et al (2020)





Zoom into Fig. 5 of Beier et al (2015)