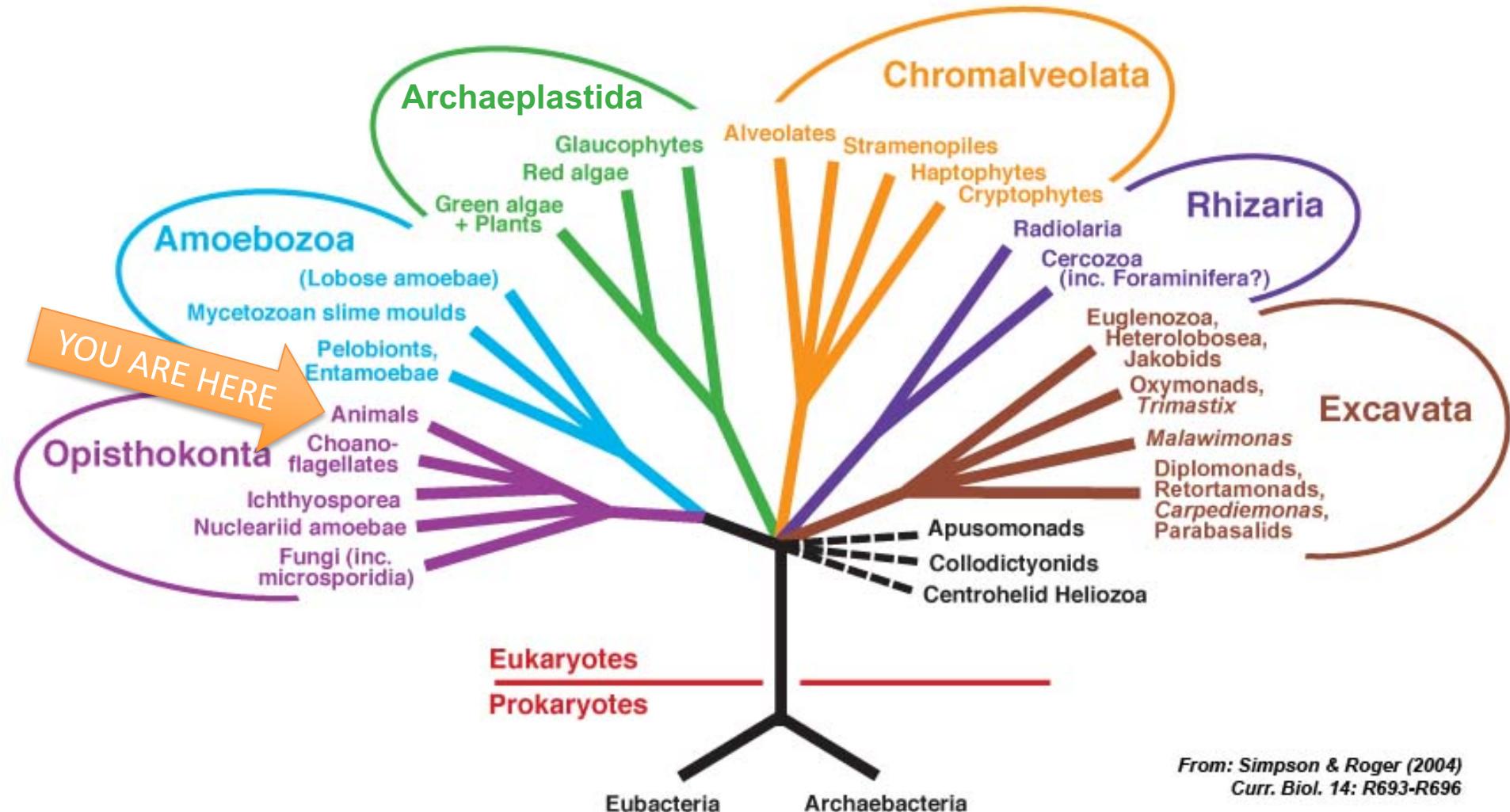


Iron Out the Kinks

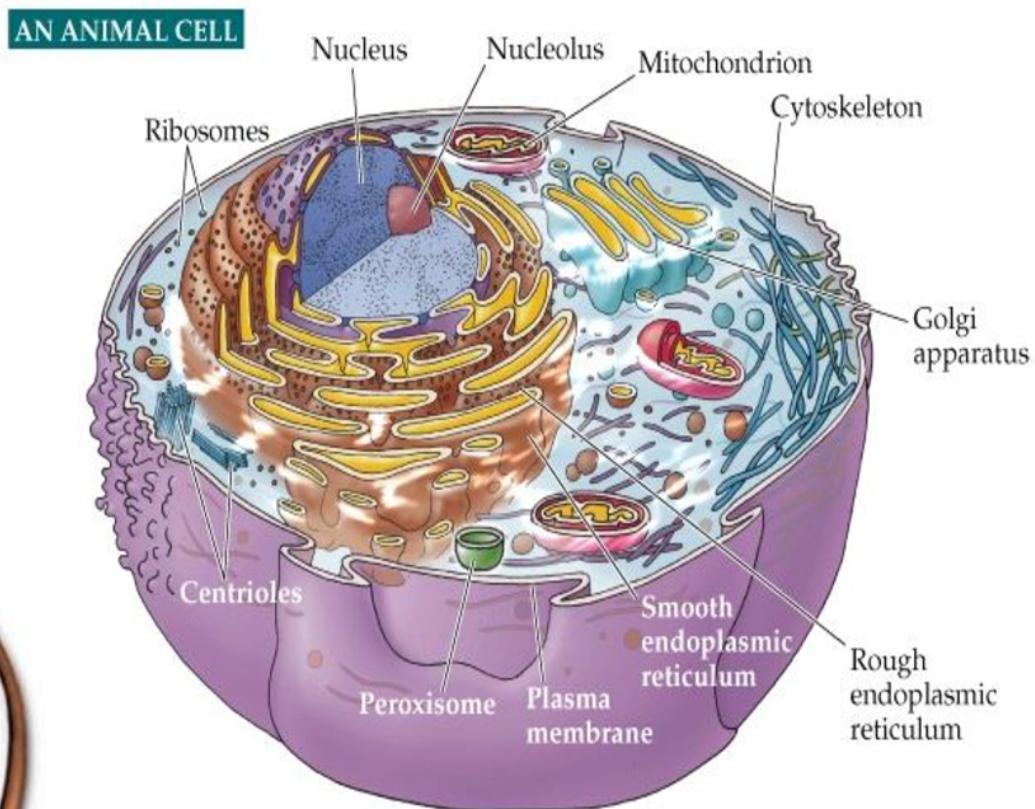
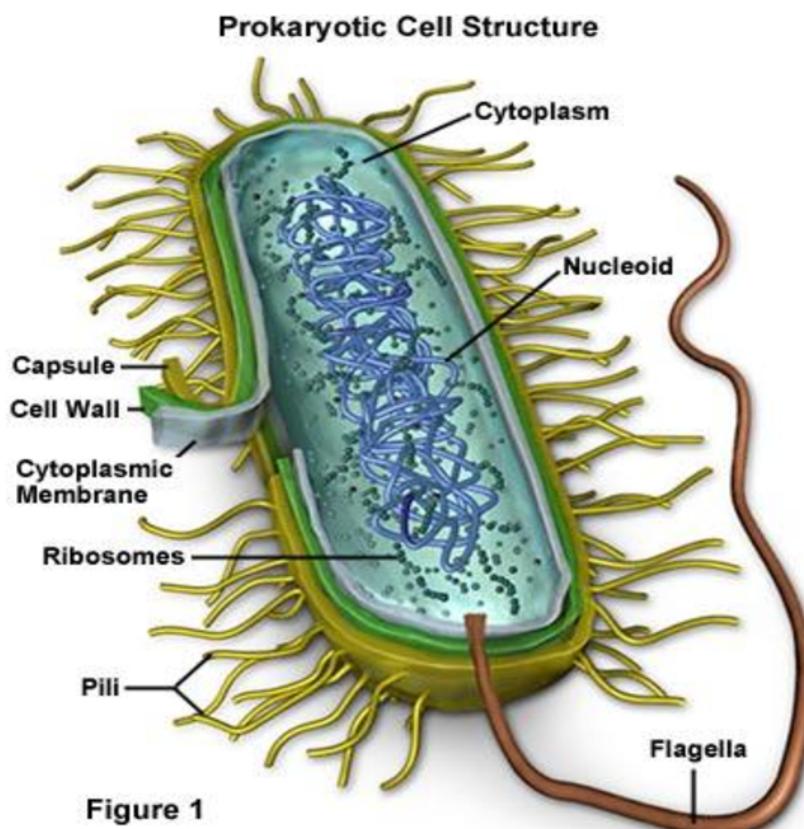
Aaron Heiss

Postdoctoral Fellow, Eunsoo Kim Laboratory
Department of Invertebrate Zoology
American Museum of Natural History

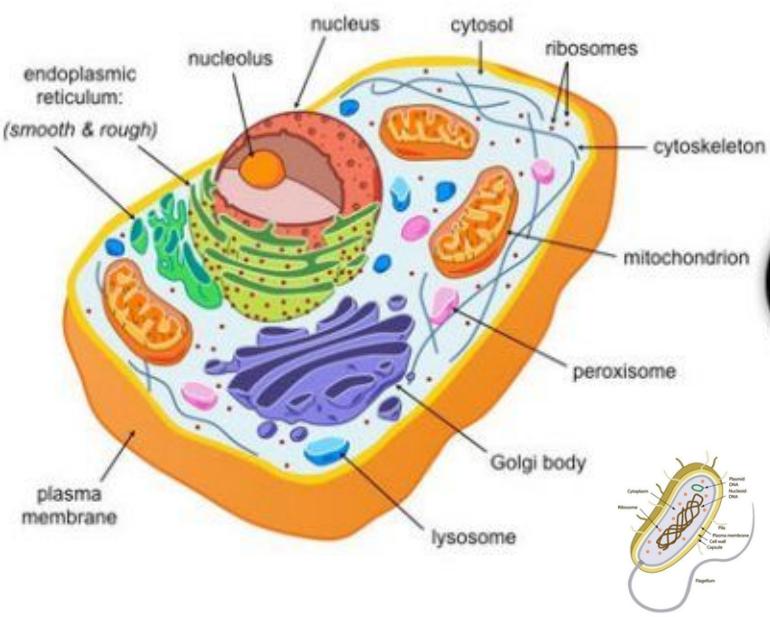
An Evolutionary Tree of All Life



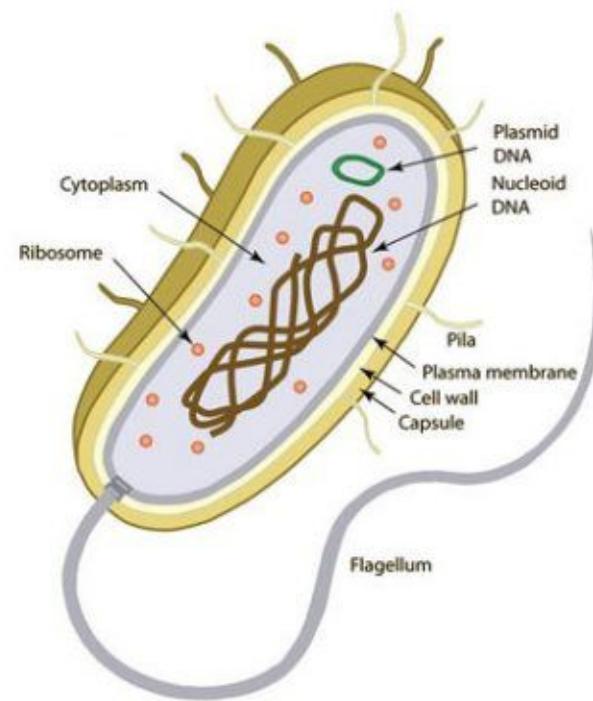
Prokaryotic vs Eukaryotic Cells



© 2001 Sinauer Associates, Inc.

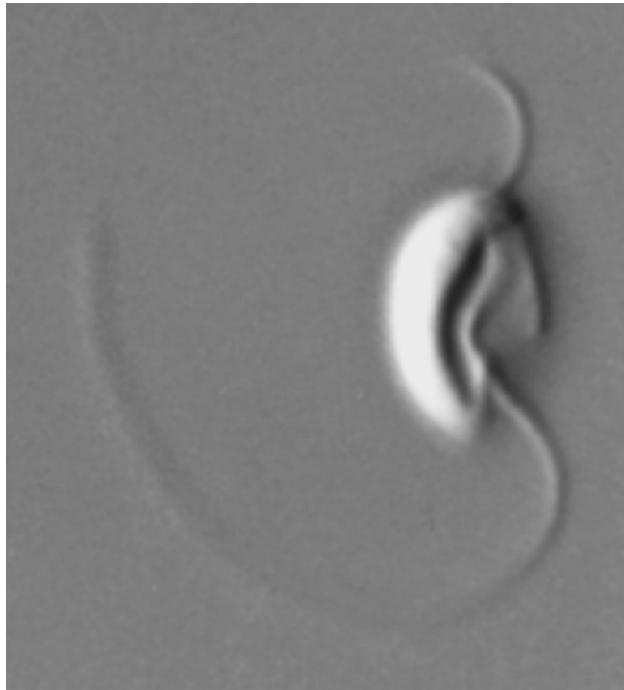


VS

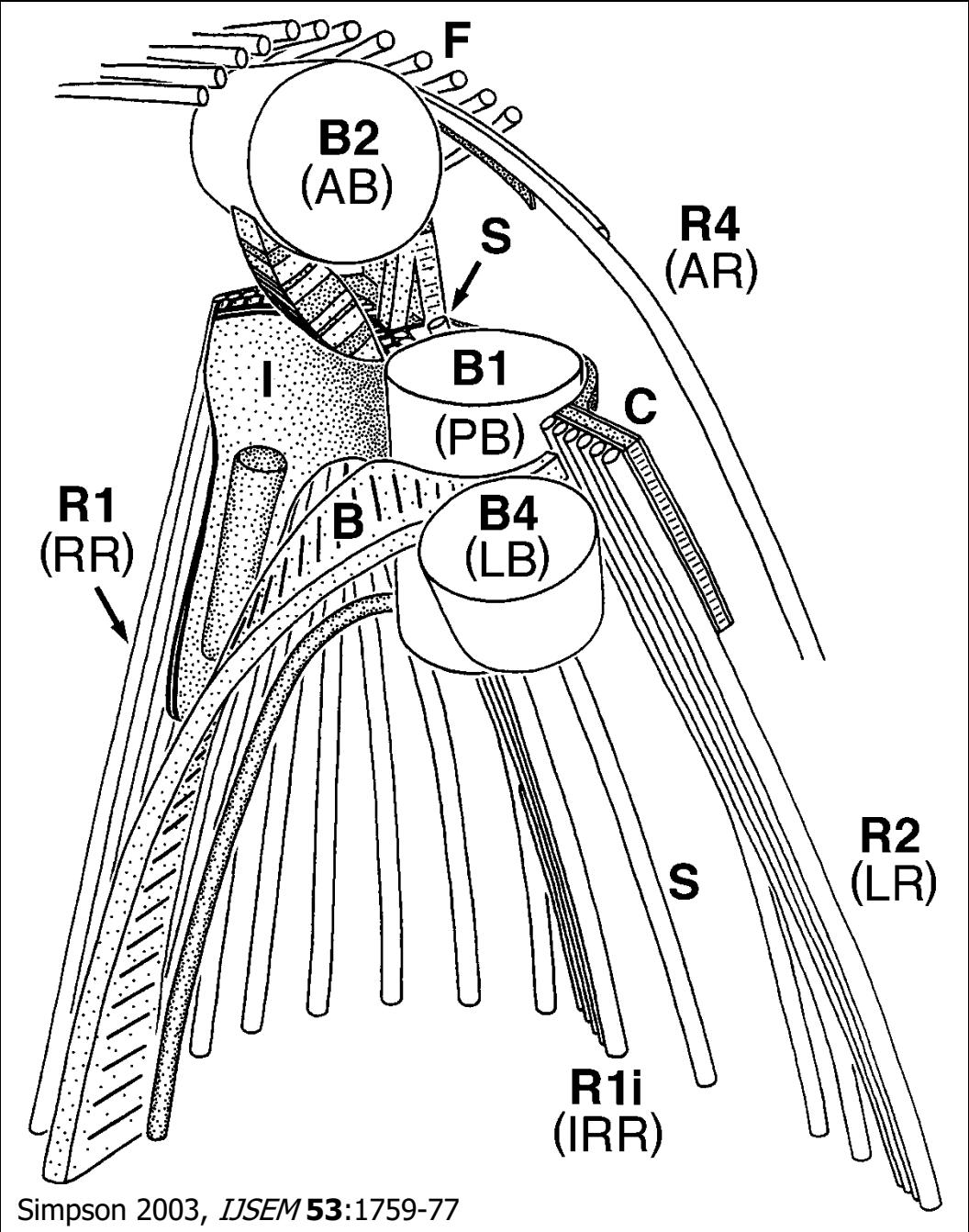
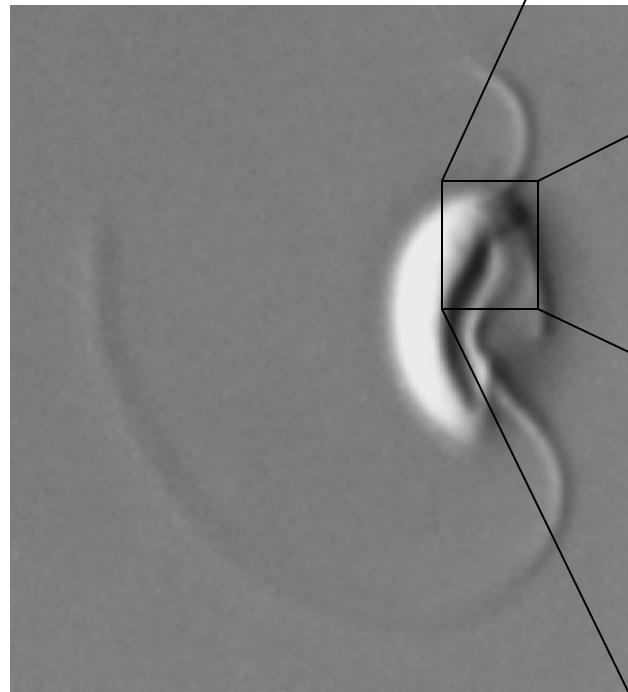


Eukaryotic Cell vs. Prokaryotic Cell

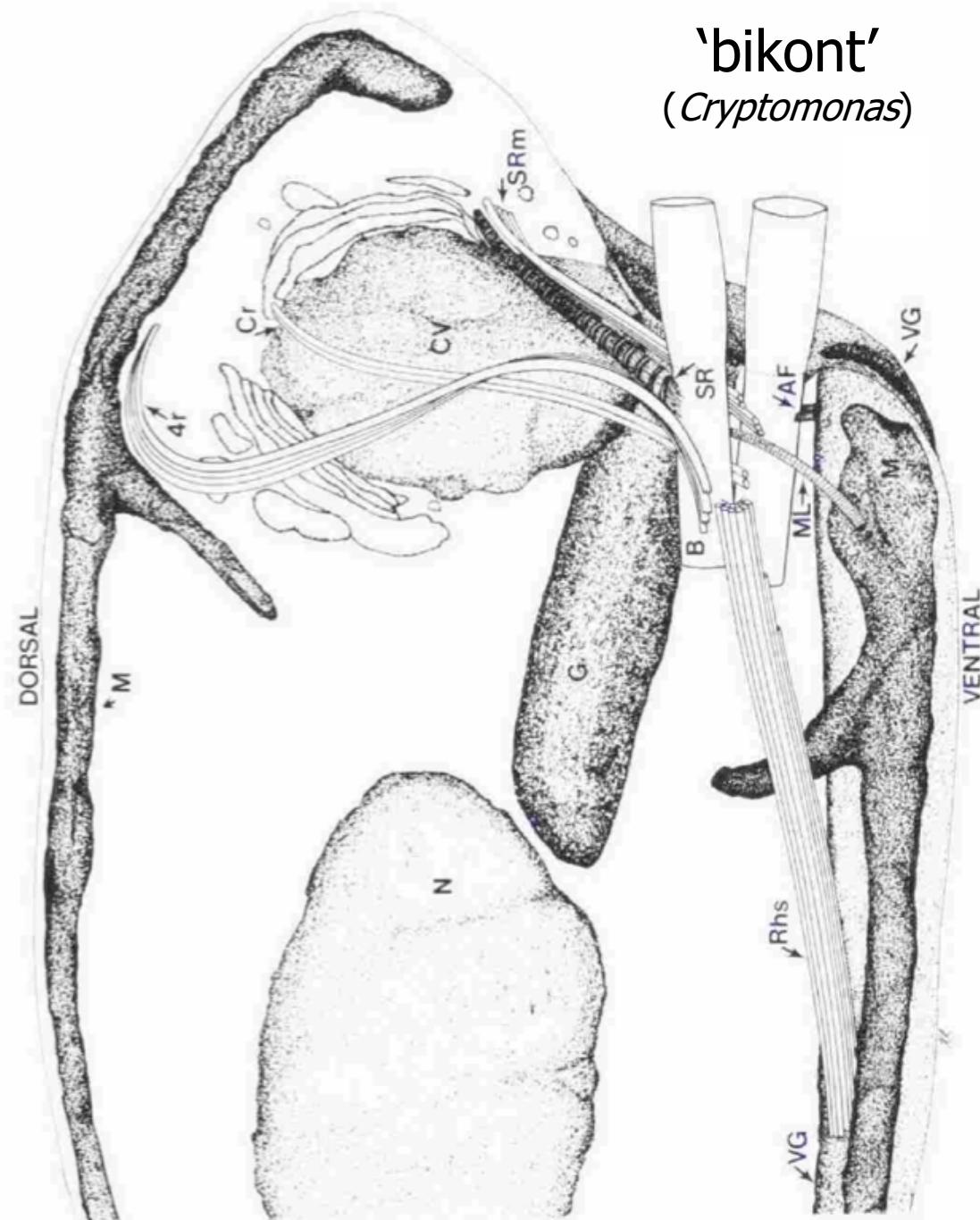
The Flagellar Apparatus



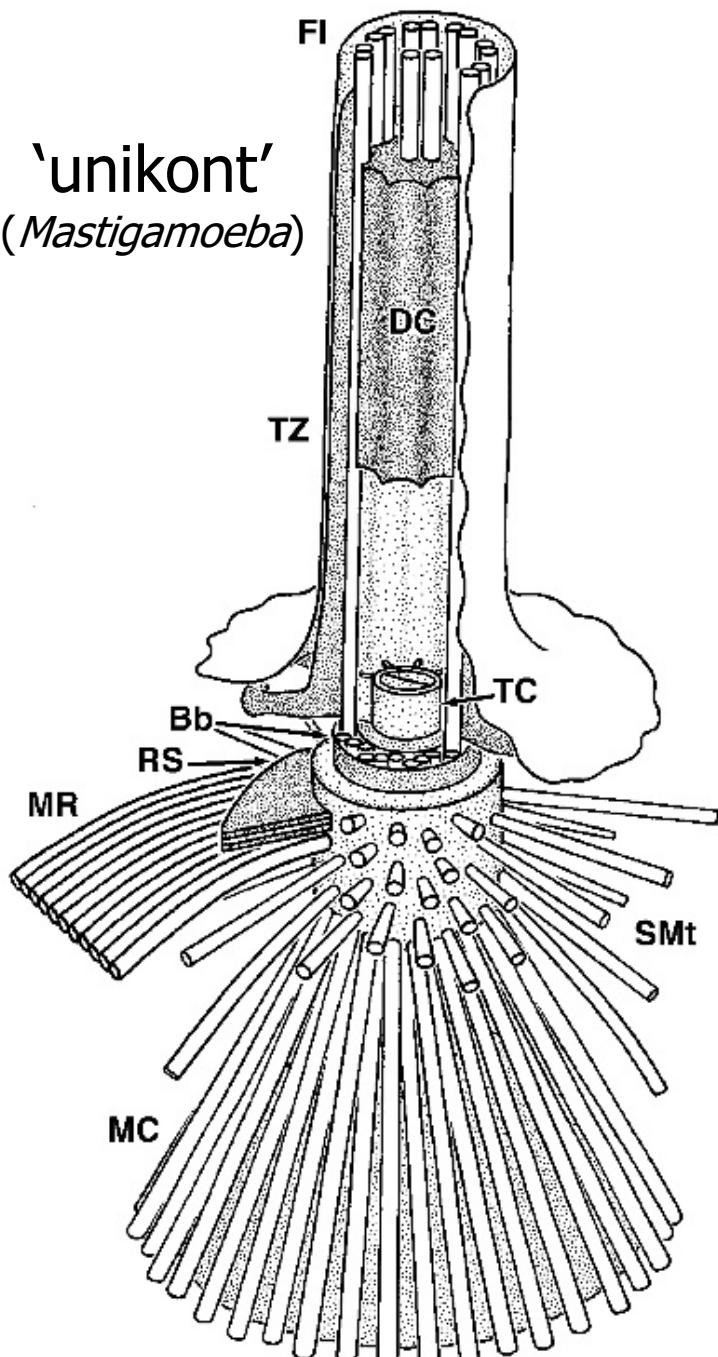
The Flagellar Apparatus



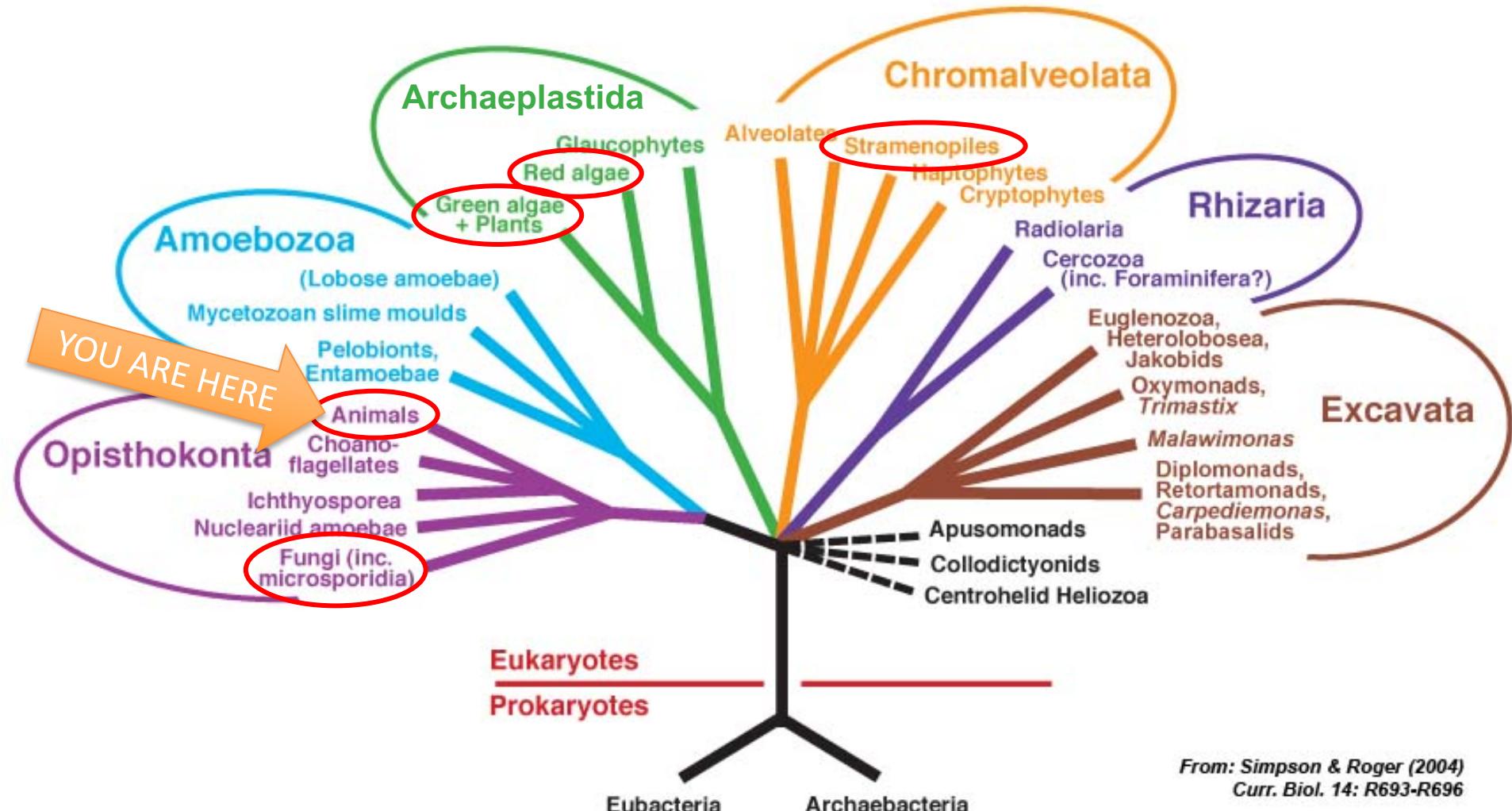
'bikont'
(*Cryptomonas*)



'unikont'
(*Mastigamoeba*)

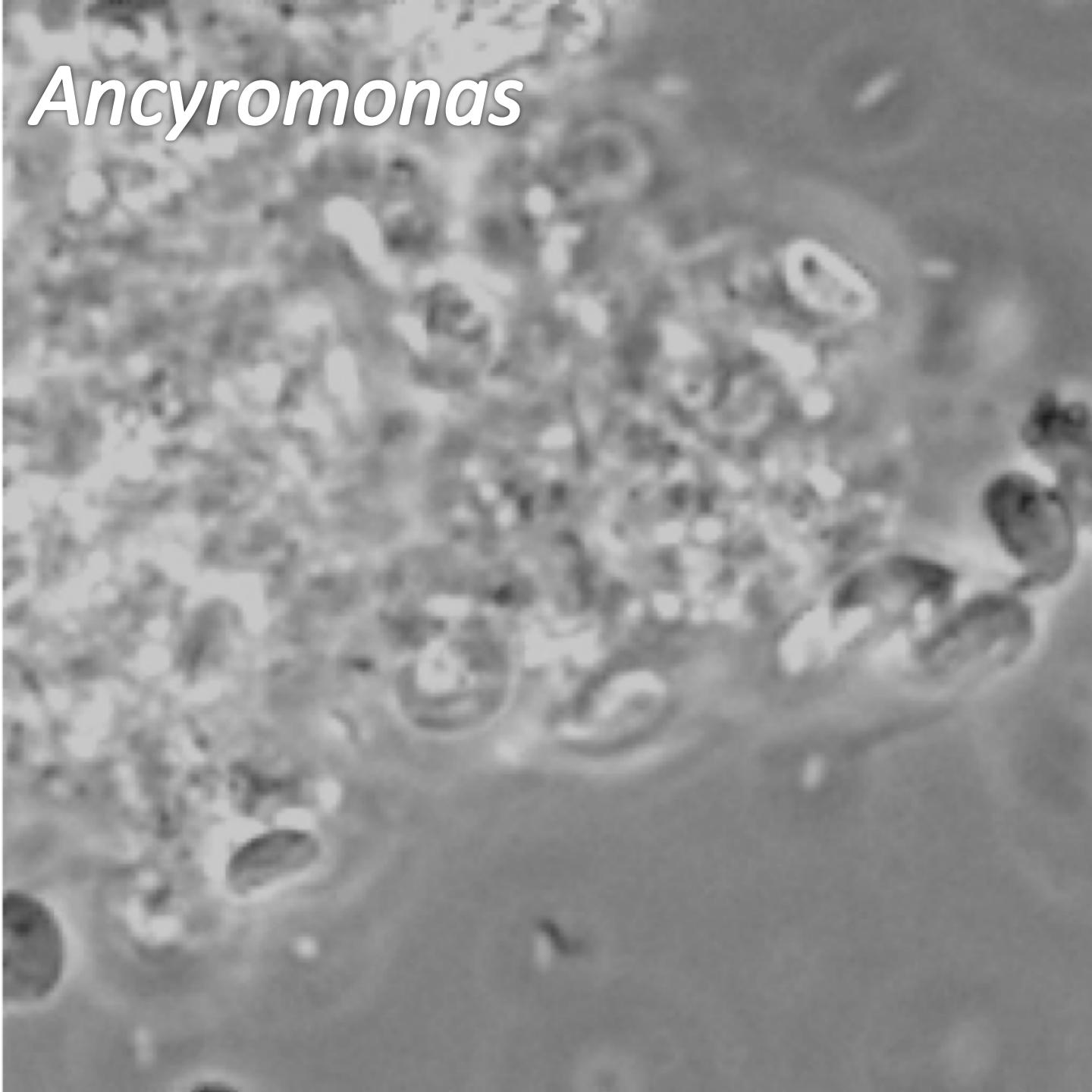


An Evolutionary Tree of All Life



From: Simpson & Roger (2004)
Curr. Biol. 14: R693-R696

Ancyromonas



5 μ m

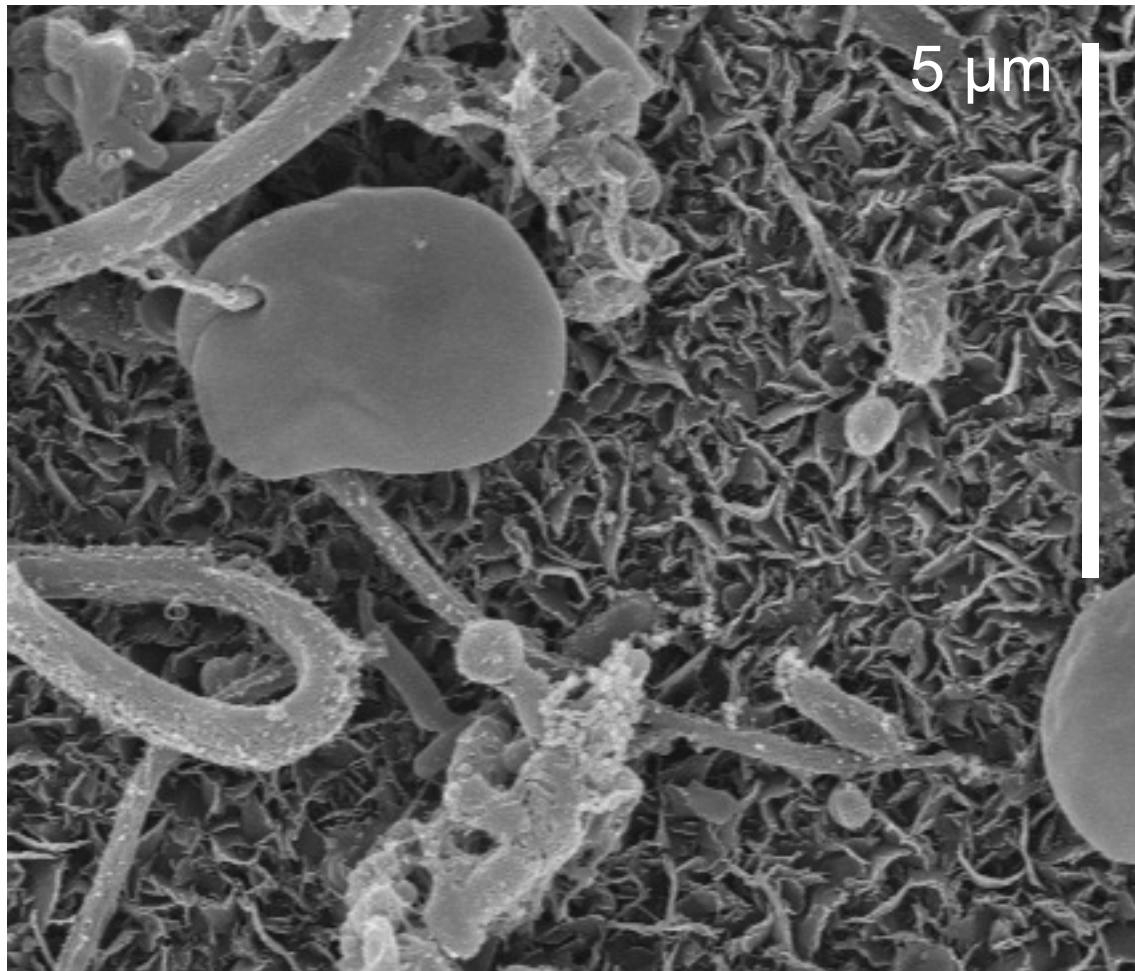
A

B

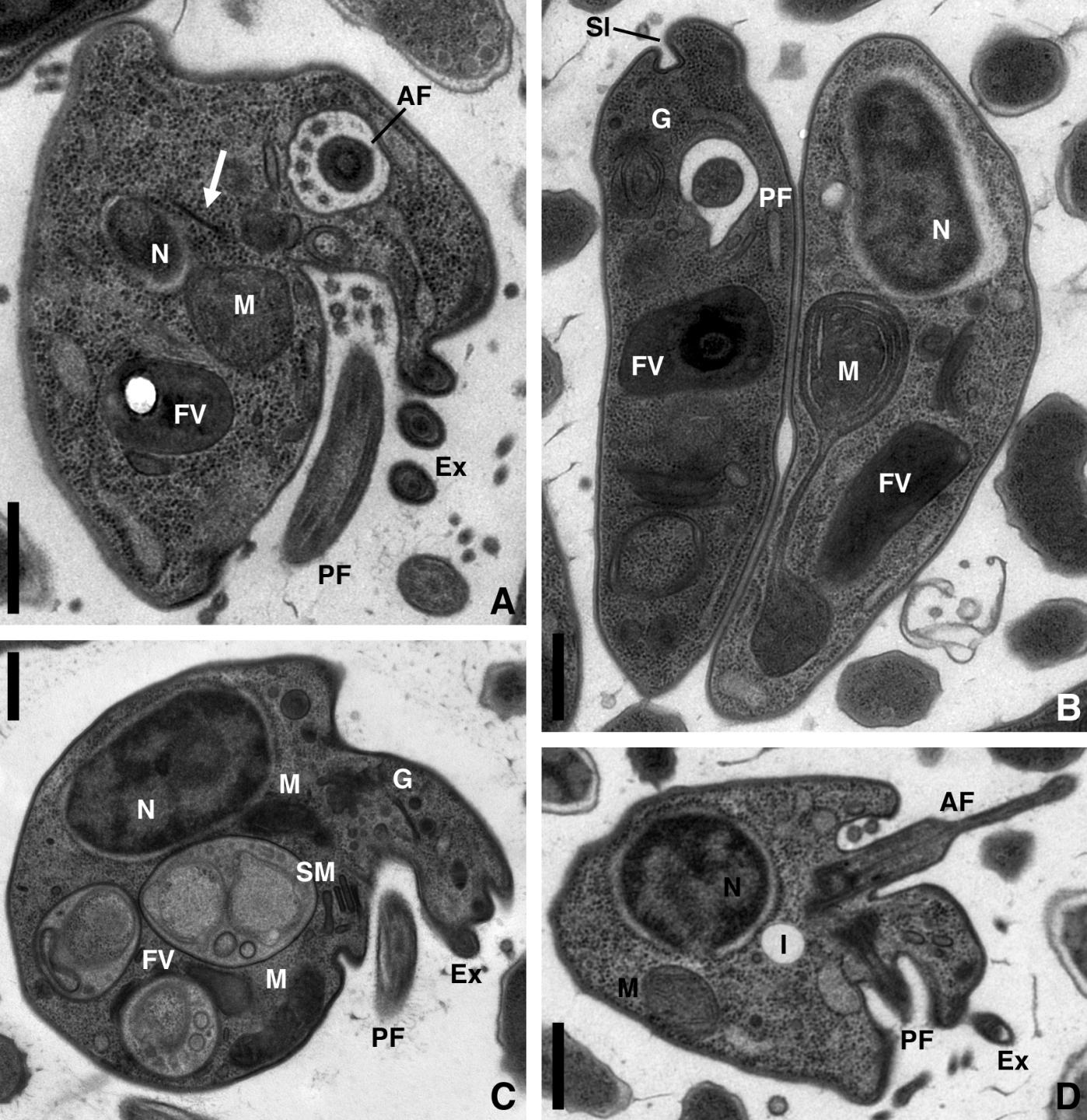
C

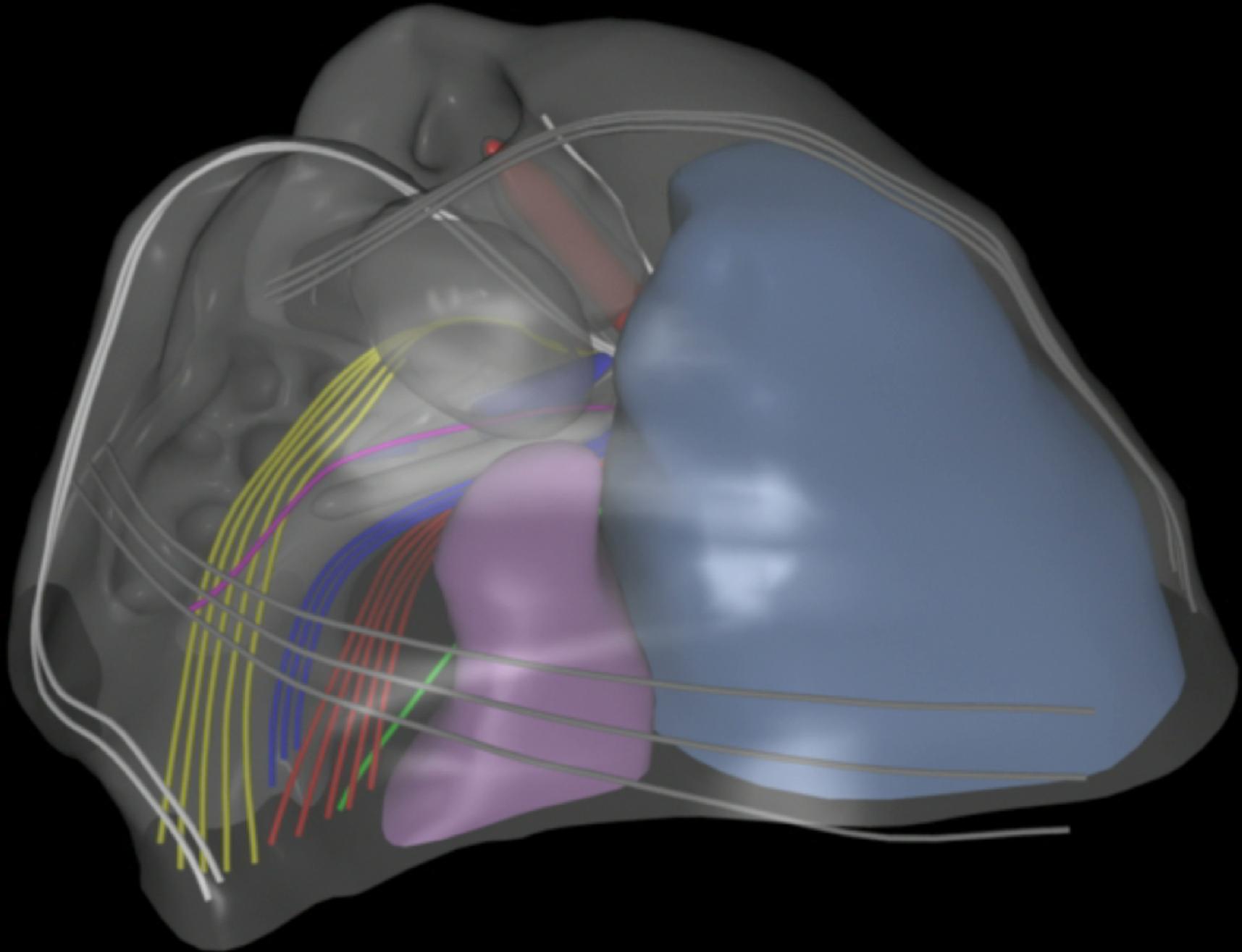
D

Ancyromonas

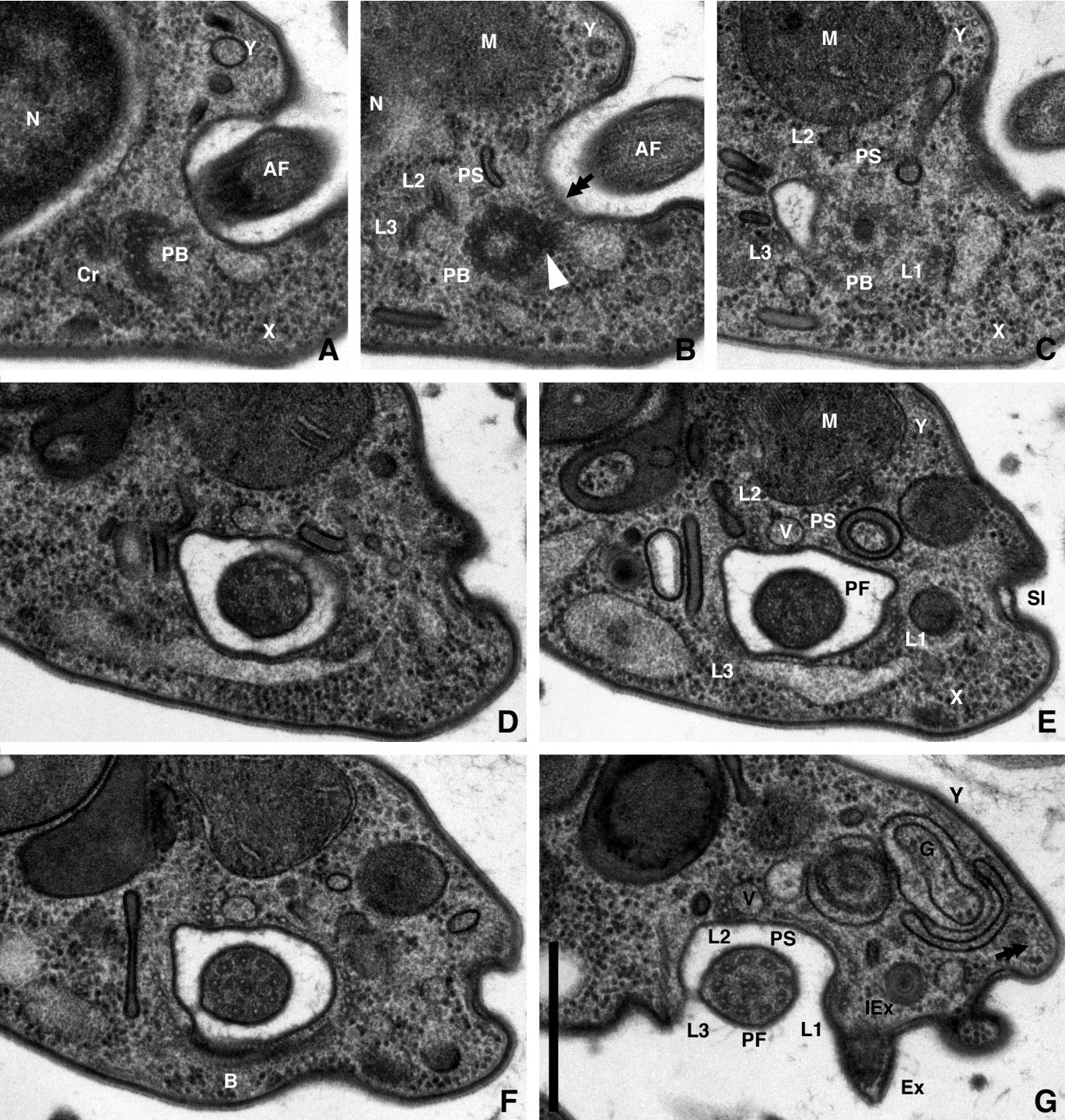


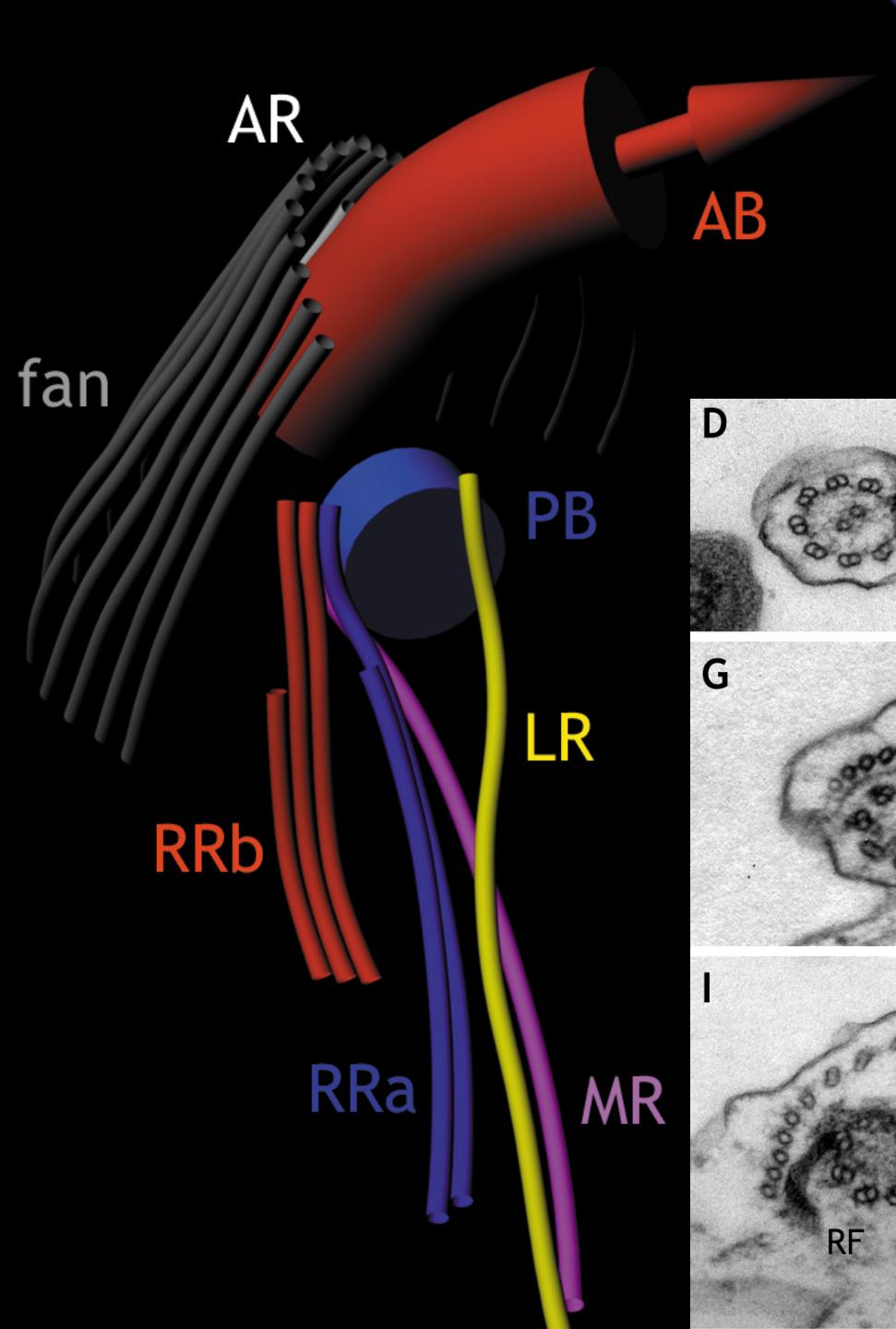
Ancyromonas
Transmission
Electron
Microscopy



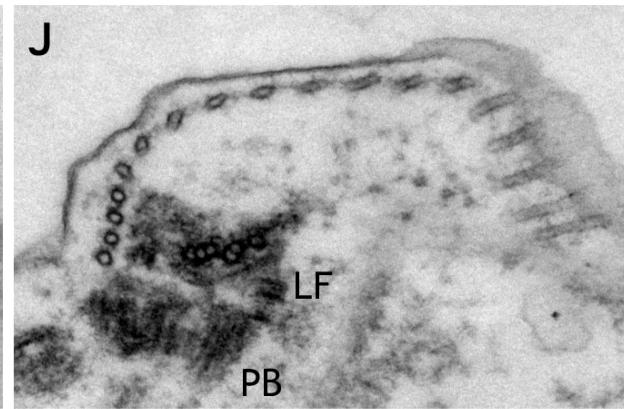
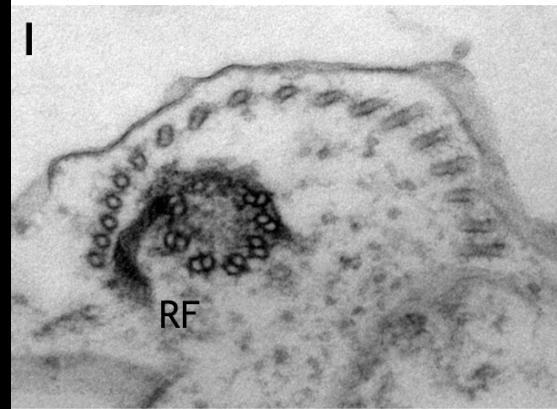
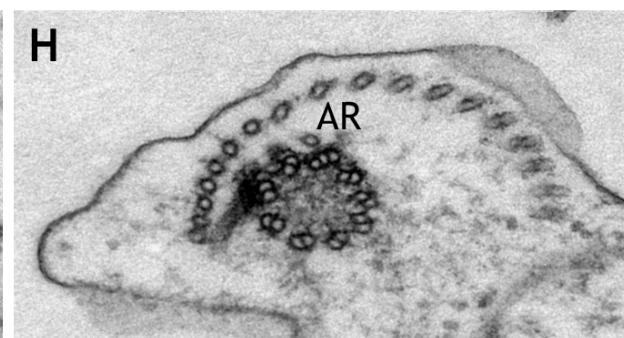
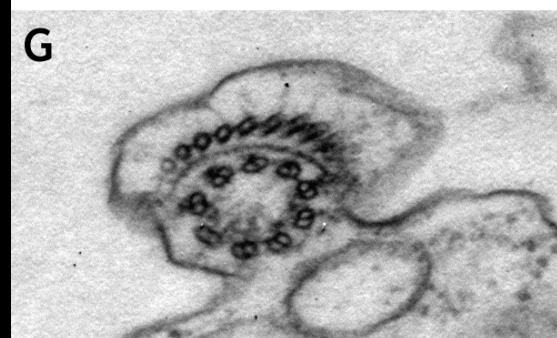
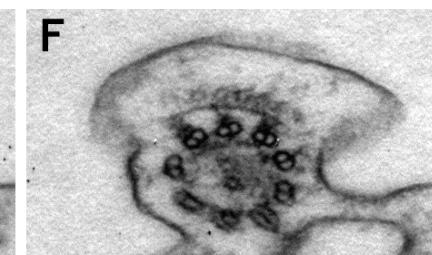
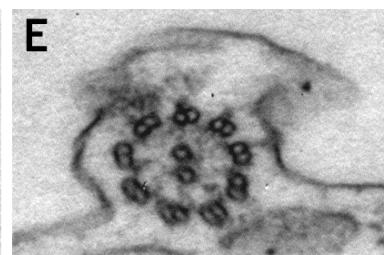
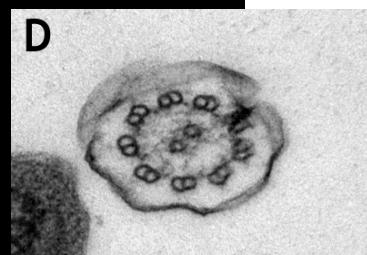


Serial TEM

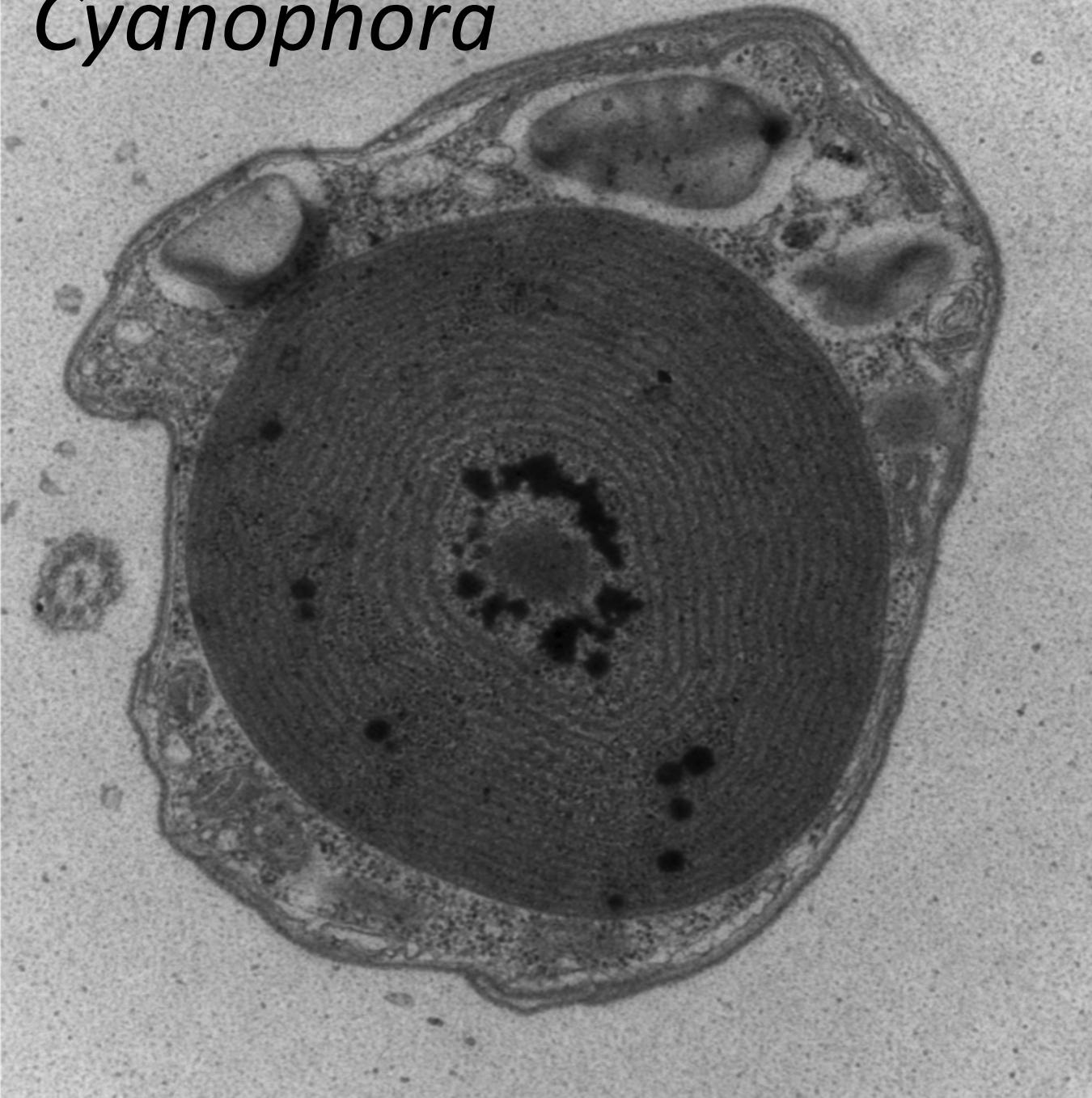


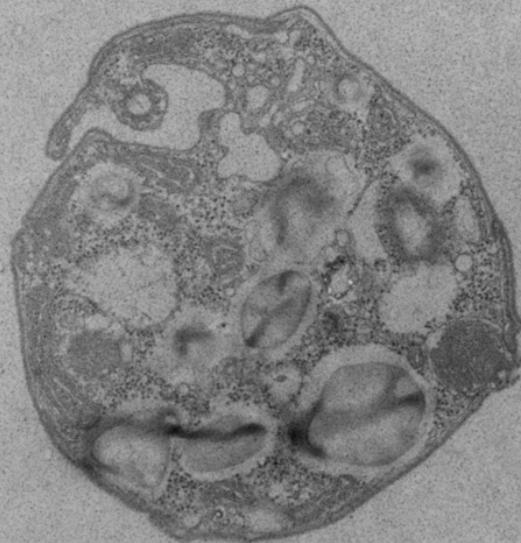


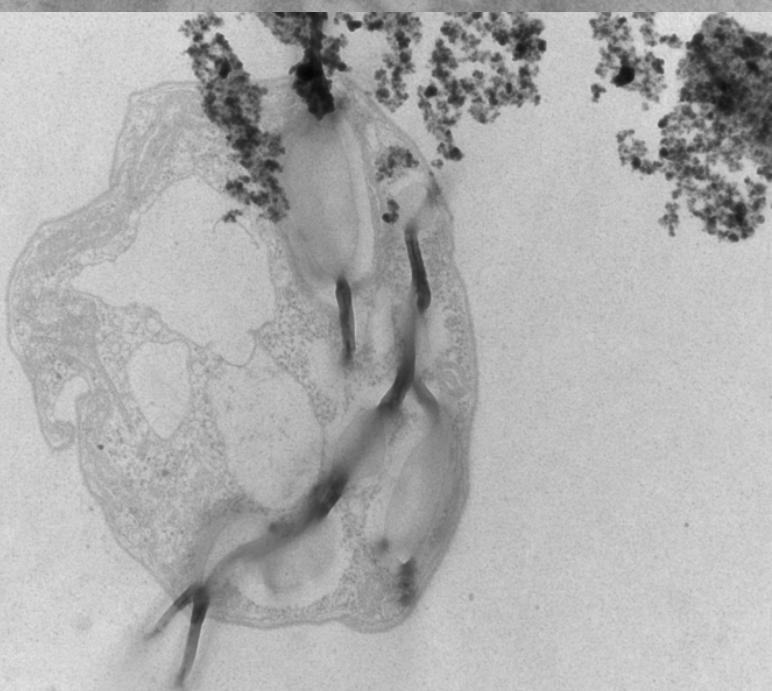
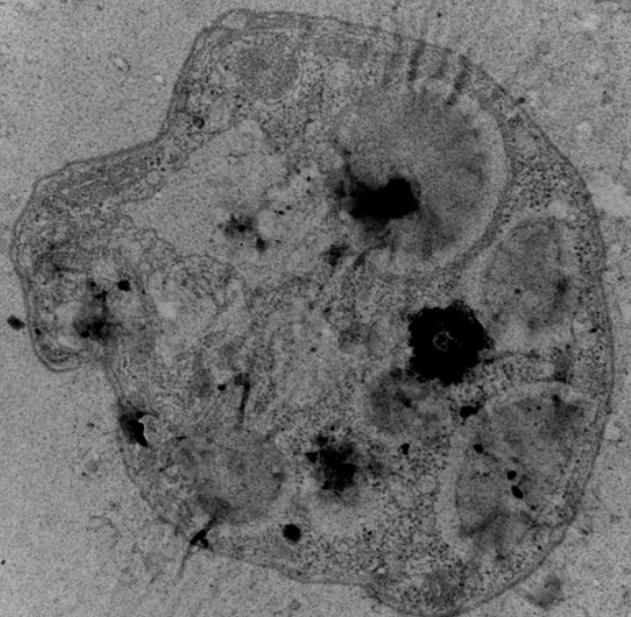
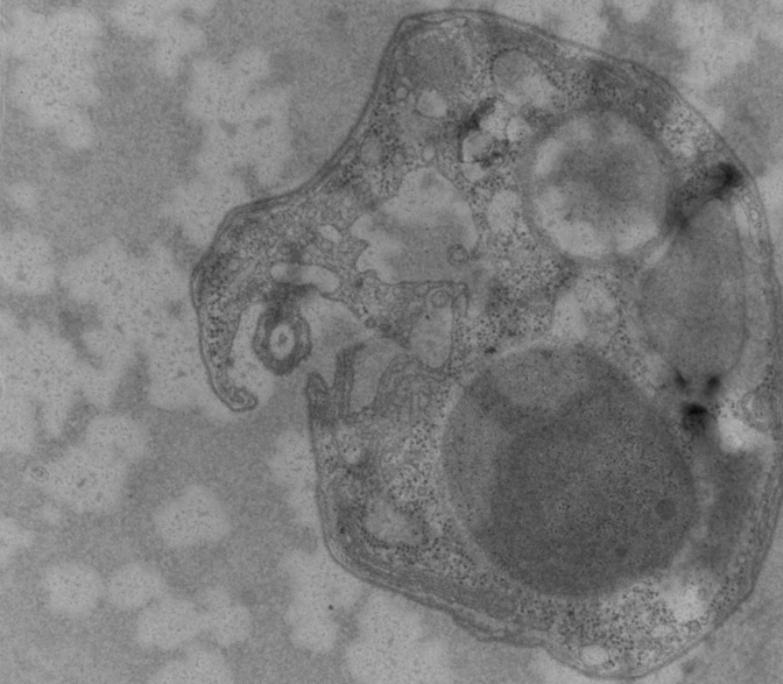
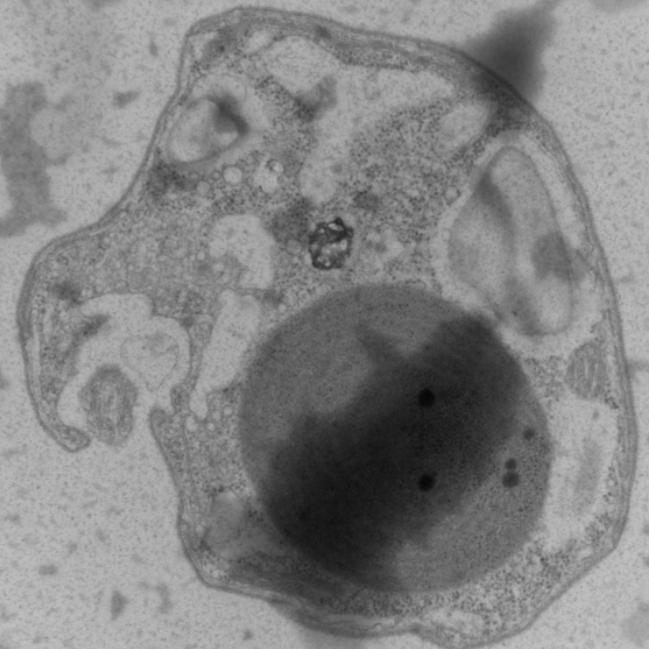
Breviata



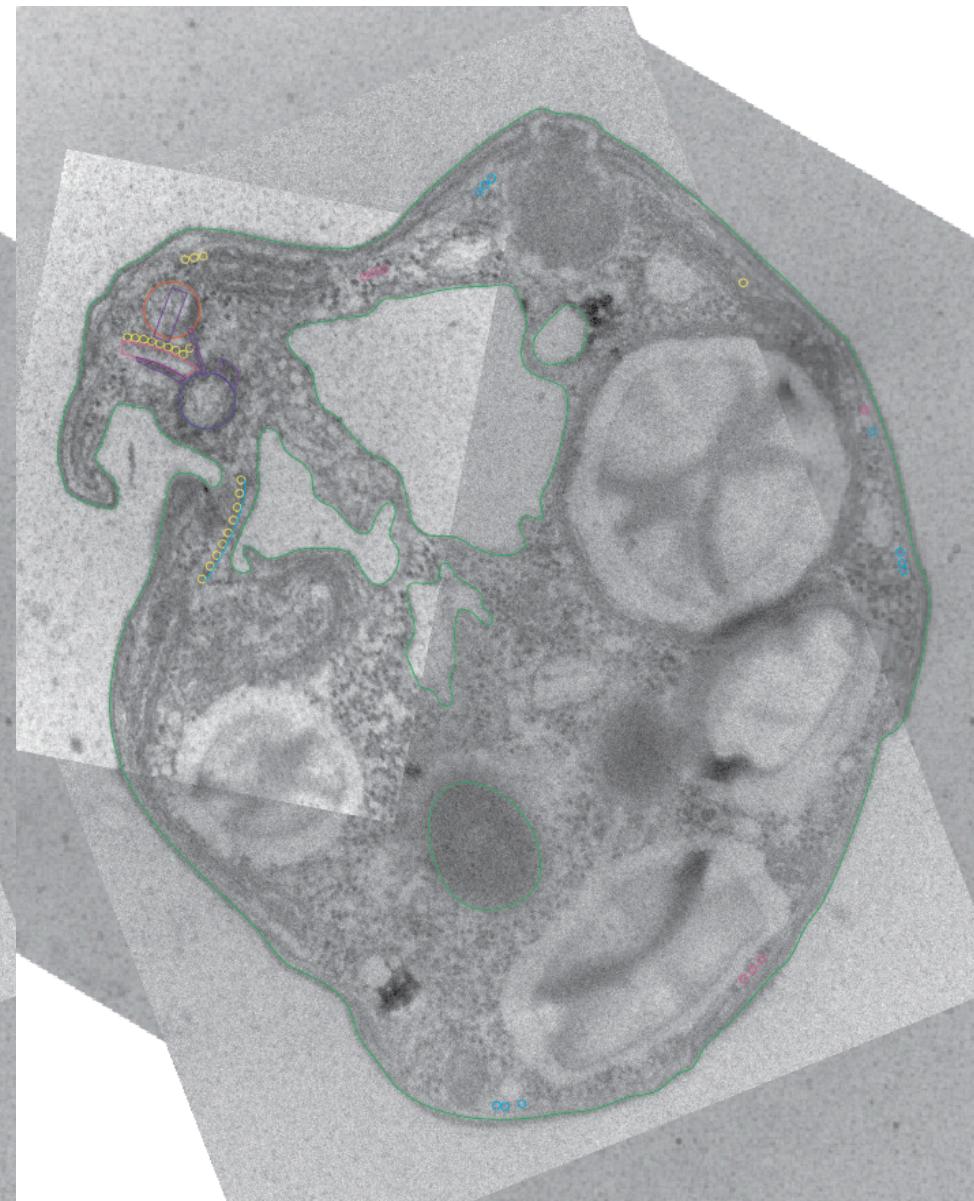
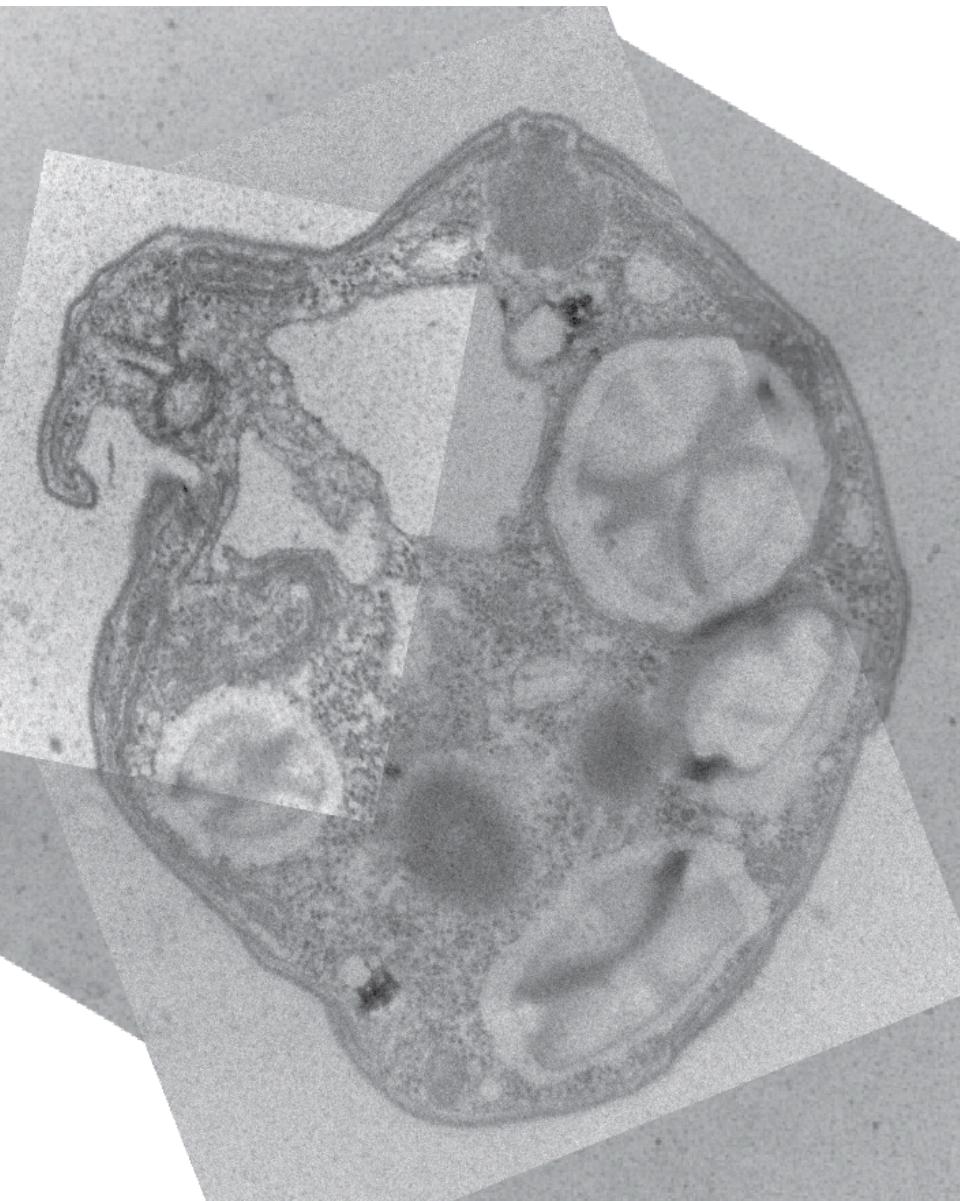
Cyanophora



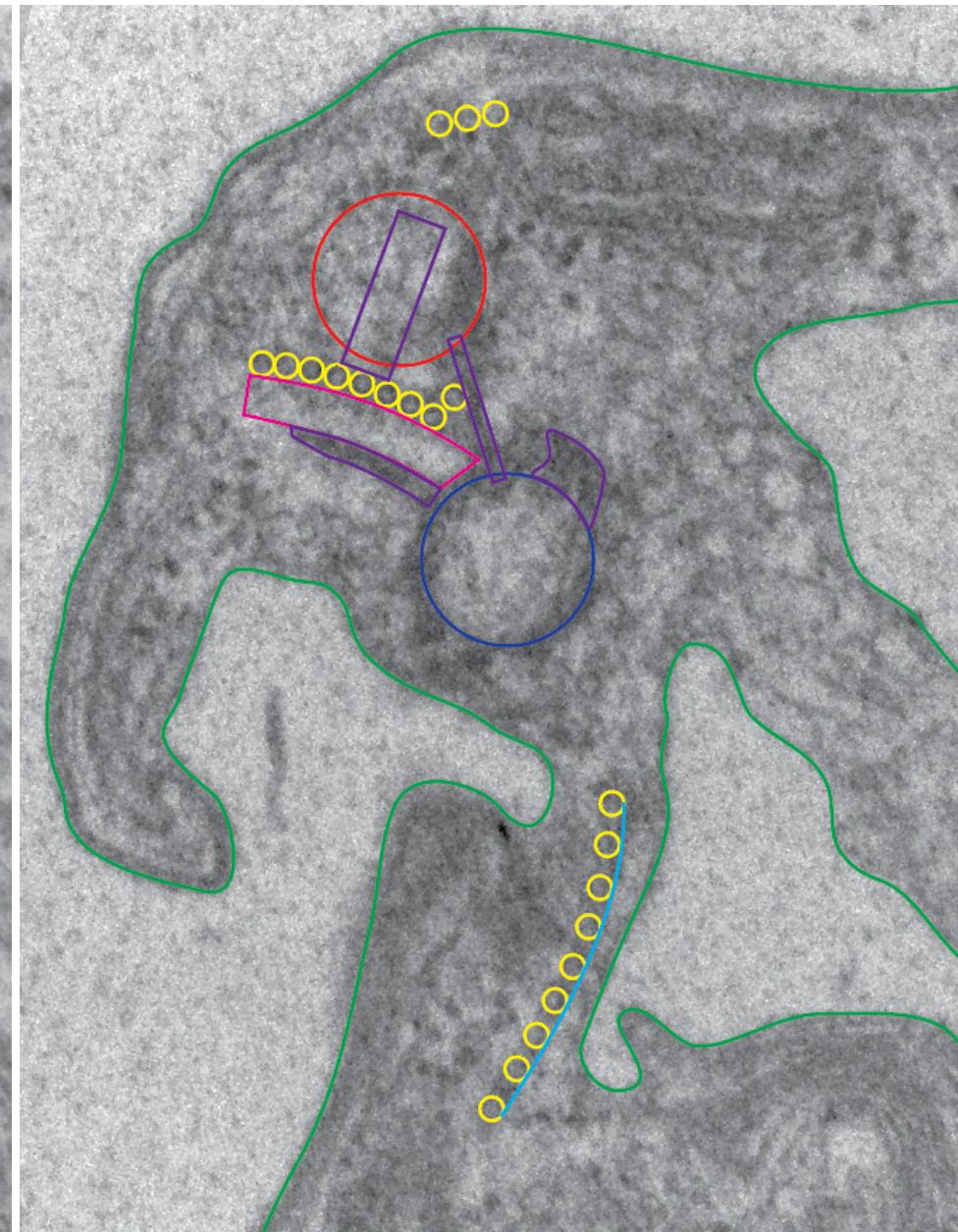
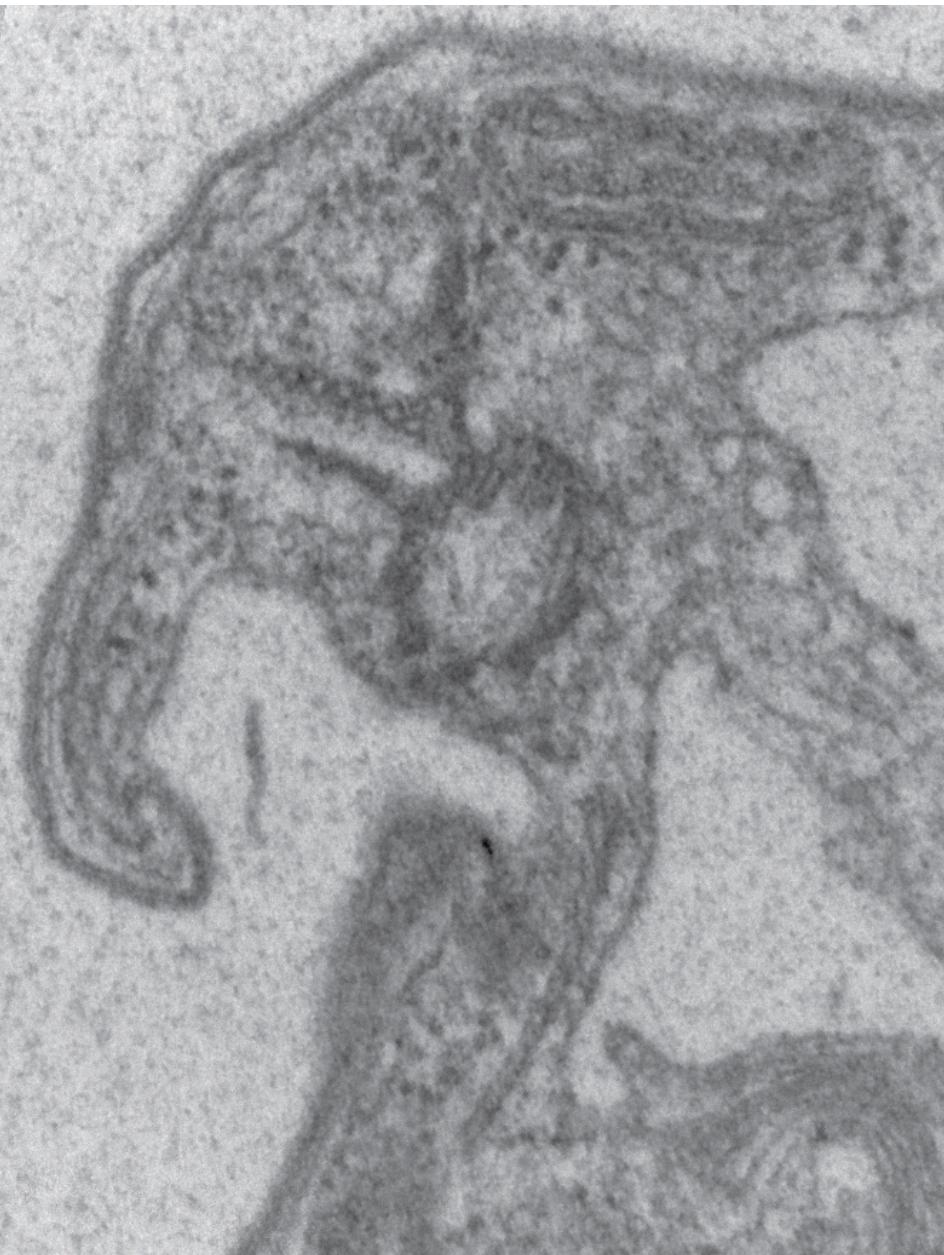




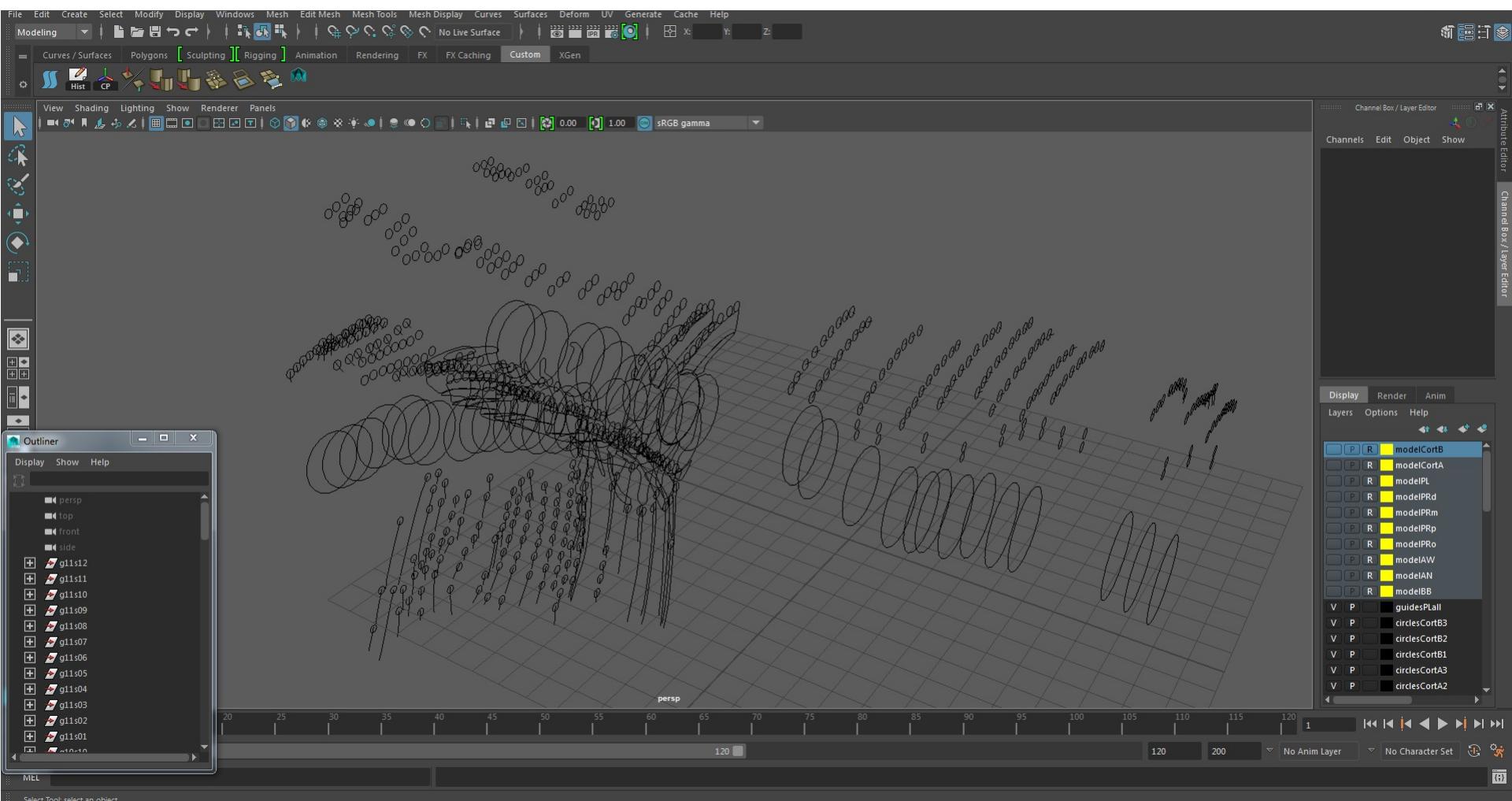
Markup: Lo-Mag Example



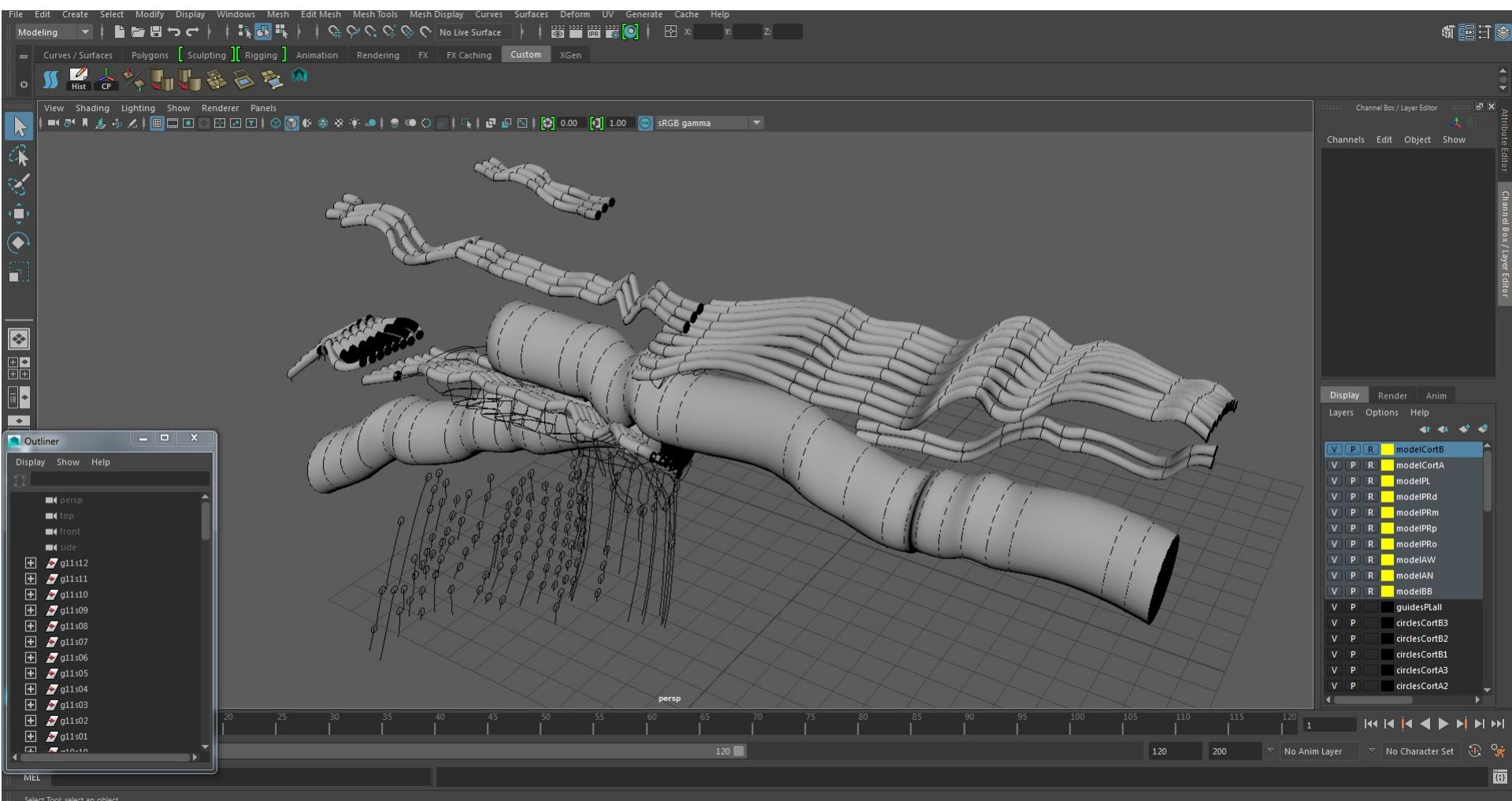
Markup: Hi-Mag Example

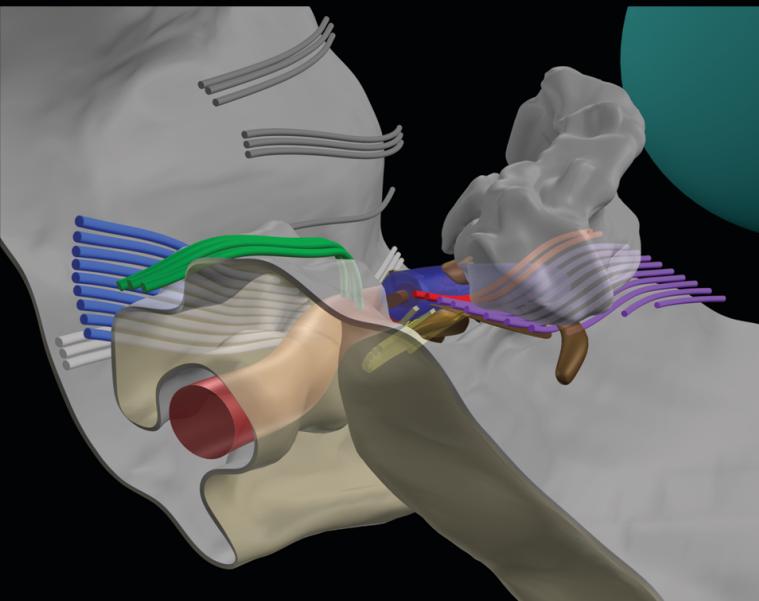
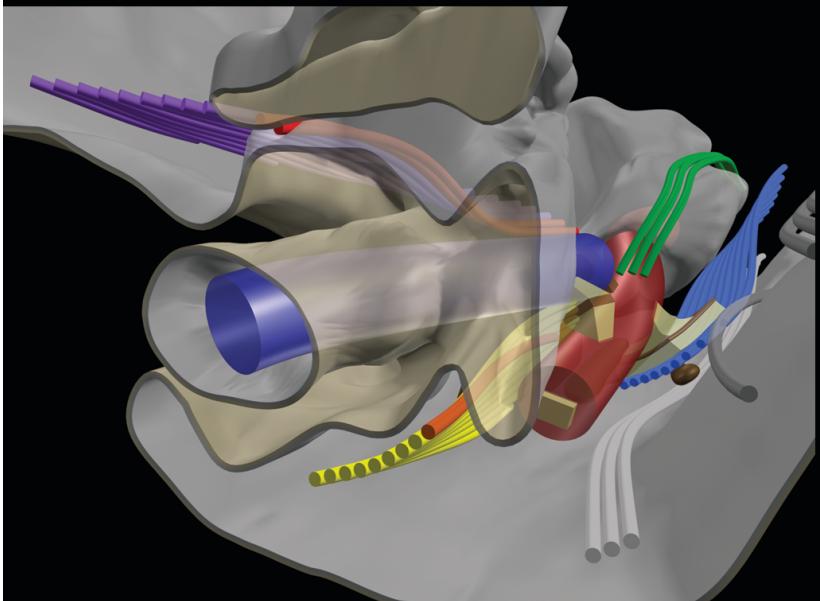
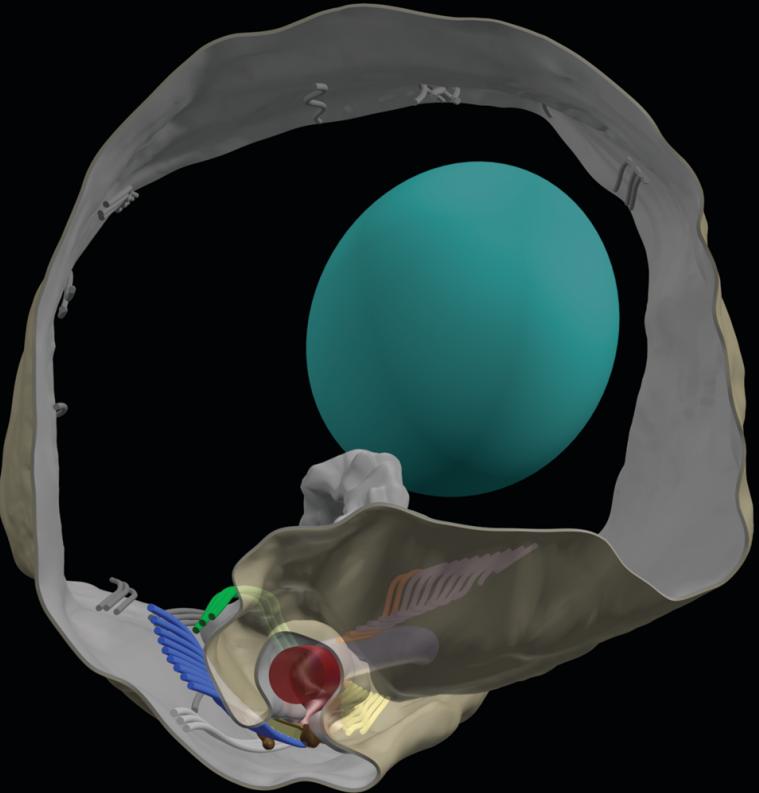
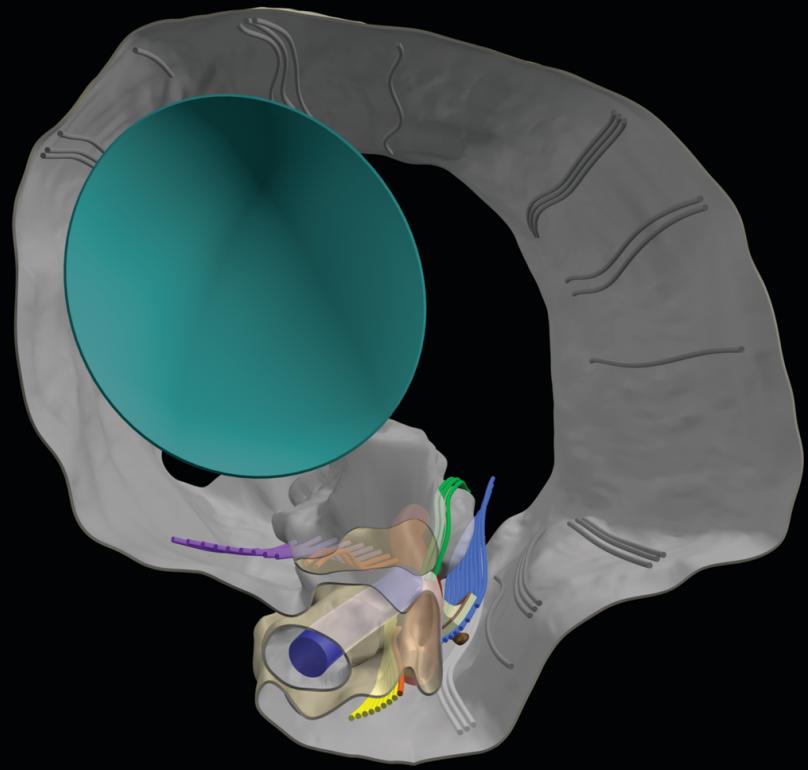


Maya Input, Before Correction



Maya Input, Before Correction

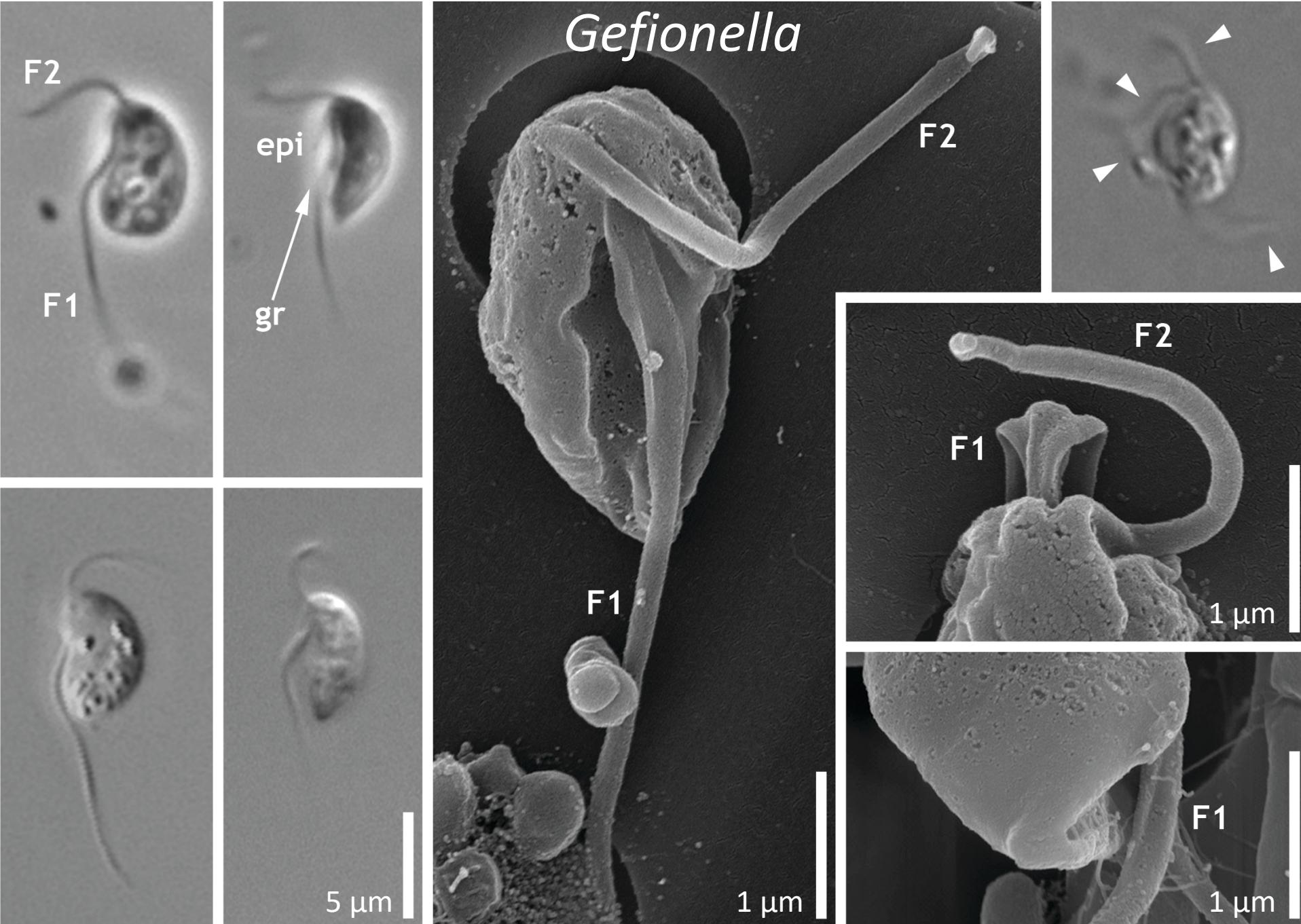




Breviata



10 μm



Gefionella

