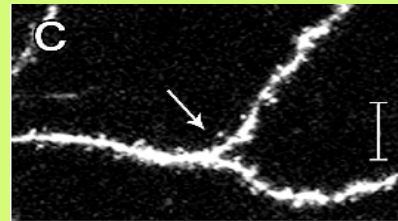
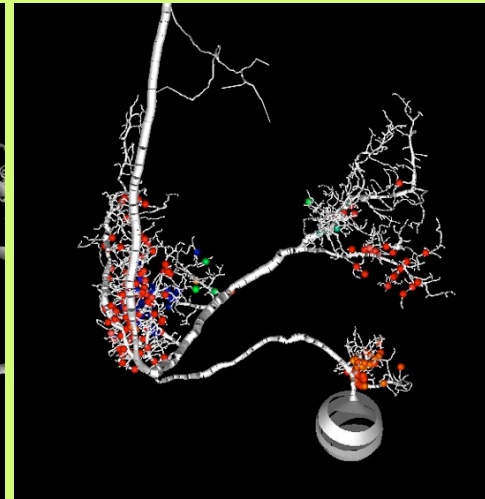
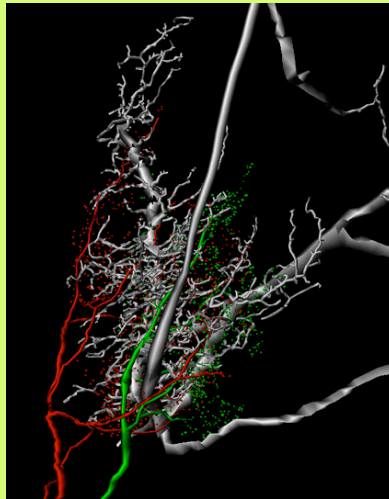
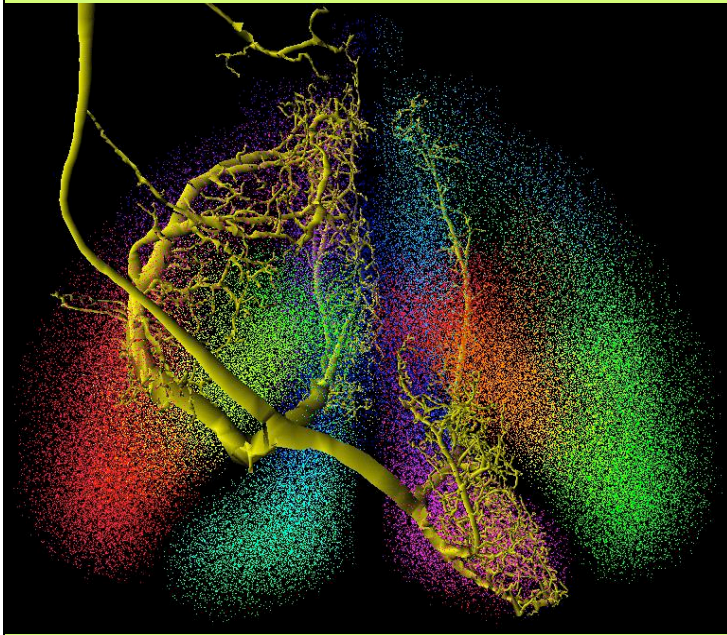


Structural accuracy: at all levels



To understand functional properties of networks, accurate representations of cell and network structure are necessary.

Volumejosef: 97

Object	Surface area	Volume
a445	0.0282265	0.000273...
a446	1.33431	0.0929084
a447	0.359482	0.0160382
a448	0.458935	0.0109848
a449	0.0612776	0.00106932
a450	0.205731	0.006306
a451	0.142526	0.00634549
cube	2.4	3.6
cyl	94.0964	140.465
d000(apical)	91.1658	15.8931
d000(apicalbranch)	2.07617	0.118064
d000p#sy489	0.196935	0.00285403
d001	26.4962	3.46959
d001p#sy278	0.0428998	0.0009467
d001p#sy293	0.134377	0.0029939
d001p#sy294	0.234279	0.00597001
d001p#sy366	0.0874256	0.00181808
d001p#sy423	0.0980844	0.00205839
d001p#sy470PM	0.130455	0.00348979
d001p#sy486	0.0163594	0.000159...
d001p#sy4885	0.103535	0.00365734
d002	30.6993	3.28862
d002p#sy285P	0.39853	0.00934873
d002p#sy295	0.0773117	0.00156912
d002p#sy305	0.0438027	0.000742...
d002p#sy317	0.0830359	0.00152942
d002p#sy328	0.0575477	0.00155439
d002p#sy331	0.082414	0.00162356
d002p#sy341	0.139709	0.00263944
d002p#sy351	0.10961	0.00244766
d002p#sy398	0.218055	0.00546567
d002p#sy411PM	0.23321	0.00629566
d002s/2665	0.135555	0.00284974
d003	37.6219	4.47695
d003p#sy261P	0.259031	0.0075214
d003p#sy273PM	0.396253	0.010949
d003p#sy303	0.0862049	0.00176034
d003p#sy313	0.0612306	0.0012306

Kristin Harris

*Gwen Jacobs
Montana State University*