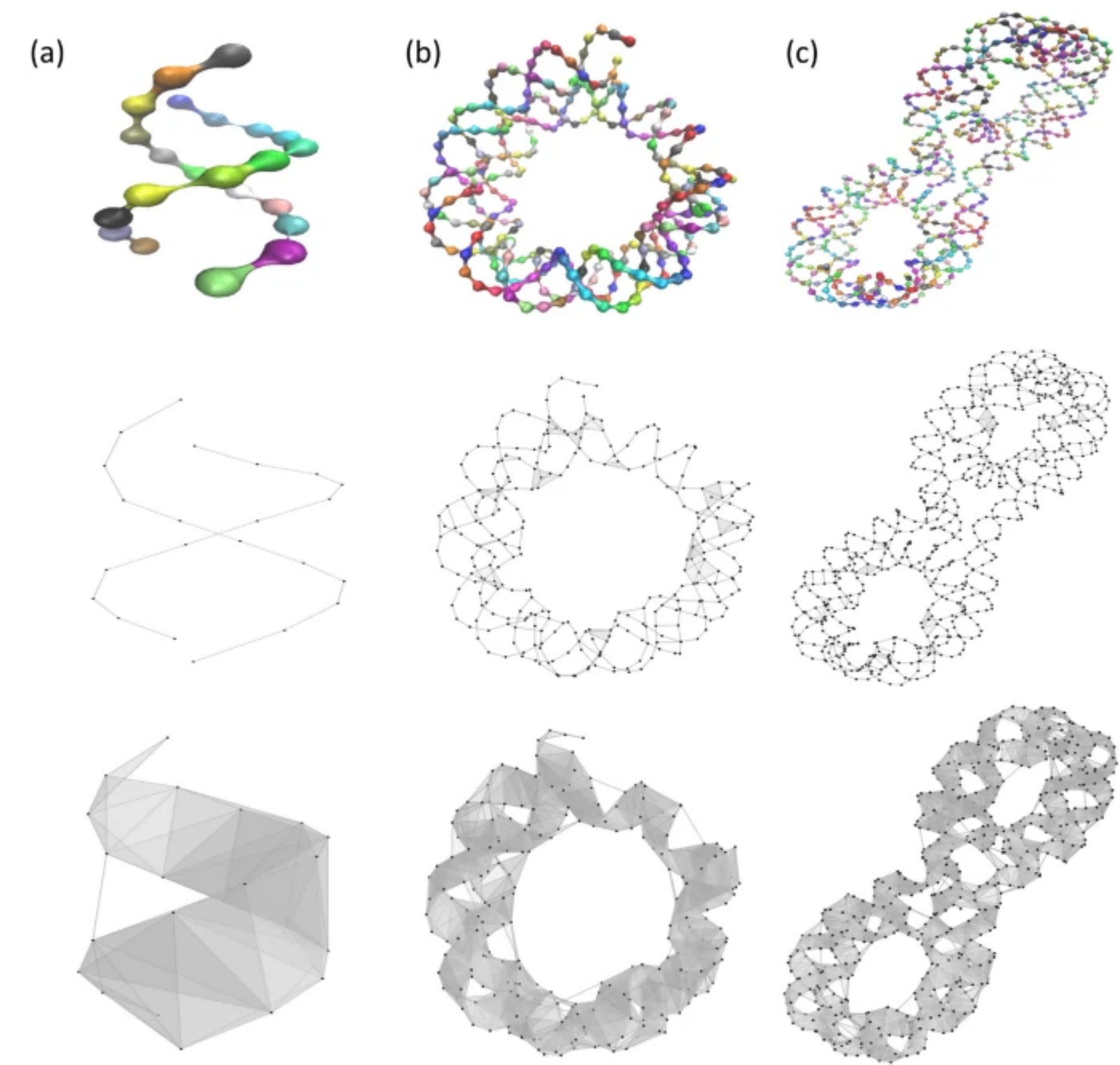


# Ideas on molecular dynamics

Wei, R.K.J., Wee, J., Laurent, V.E. *et al.* Hodge theory-based biomolecular data analysis. *Sci Rep* (2022)



	TIs			AIs		
Cutoff	DNA helix	Nucleosome	Tetranucleosome	DNA helix	Nucleosome	Tetranucleosome
10 Å	0.0	279.3223	631.4930	0.0	0.9599	0.9126
12 Å	0.0	302.6626	734.4815	0.0	1.0401	1.0614
14 Å	28.9381	653.4245	1590.3249	1.3154	2.2454	2.2982
16 Å	33.9428	739.7261	1774.1848	1.5429	2.5420	2.5639
18 Å	46.7132	987.8988	2530.9683	2.1233	3.3948	3.6575
20 Å	63.1120	1308.3067	3191.6790	2.8687	4.4959	4.6123

three DNA structures, including DNA helix (a), nucleosome (b), and tetranucleosome (c), and their corresponding simplicial complexes at two different cutoff distances

