



**Figure 6.** Centromeric chromatin and kinetochores in *S. pombe*. The central domain of *S. pombe* centromeres is composed of CENP-A-containing chromatin and a multiprotein network that makes up the kinetochore. The inner constitutive centromere-associated network (CCAN) and outer KMN kinetochore protein networks are depicted and the different protein components listed below. Kinetochore assembly within the central domain mediates attachment to microtubules on spindle formation and chromosome segregation.