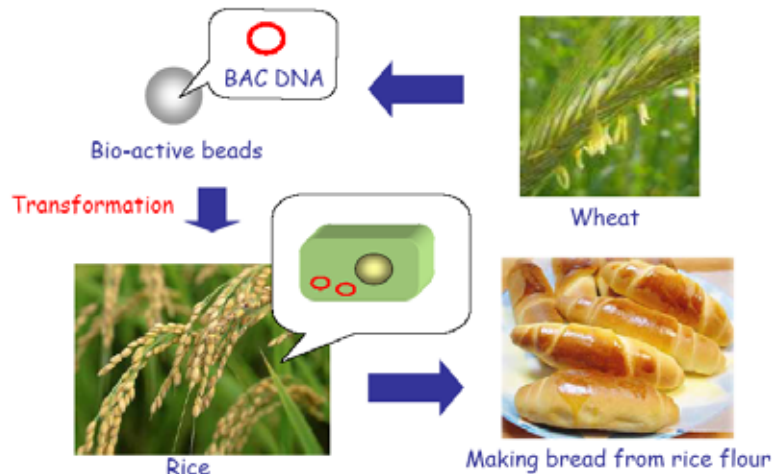


Laboratory of Dynamic Cell Biology, Department of Biotechnology Graduate School of Engineering, Osaka University

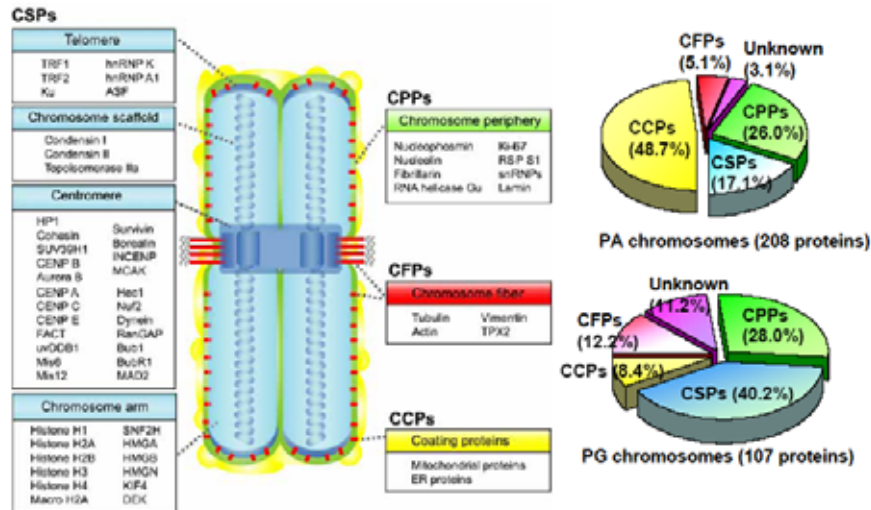
1. Biotechnology Group

Transfer of large genomic DNA including
a set of useful genes into rice genome by bio-active beads method



2. Chromosome Proteome Group

We succeeded in identification of all chromosomal proteins of human metaphase chromosomes.



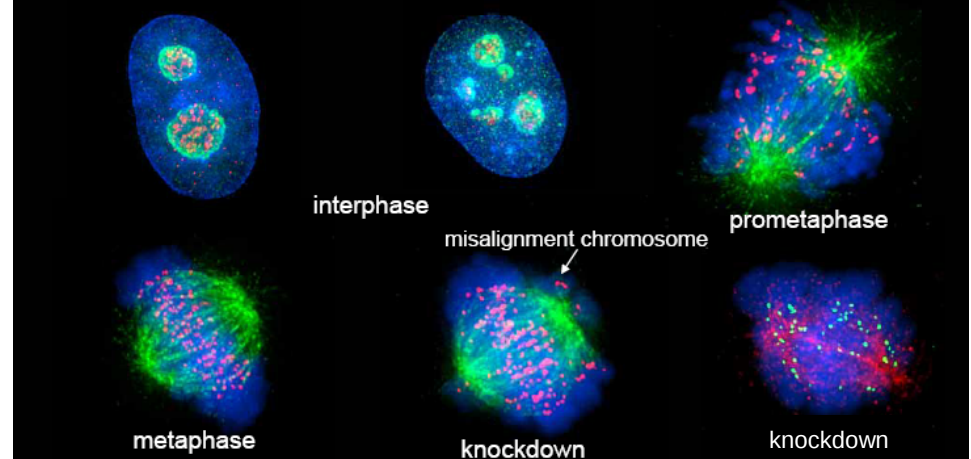
3. Dynamic Mapping Group

Purpose: To reveal chromosome and nuclei dynamics

Experimental materials: HeLa cell, Tobacco cell and *Arabidopsis*

Methods: Live cell imaging, Functional analyses with RNAi and mutants

3D immunostaining for protein localization combined with RNAi



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