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Sommario/riassunto	Fungi are now at the forefront of research on mechanisms in gene silencing, biological rhythm, mating processes, biogenesis of

intracellular organelles, adaptations to hostile habitats, structure of natural populations, and speciation. Because of their small genomes, fungi are being used in ""systems biology"" to understand the connections between genes, proteins, and metabolic and signaling pathways. The ease with which yeasts and fungi can be cultivated in simple nutritive media has also made these eukaryotic organisms the choice material for basic and applied research.Fung