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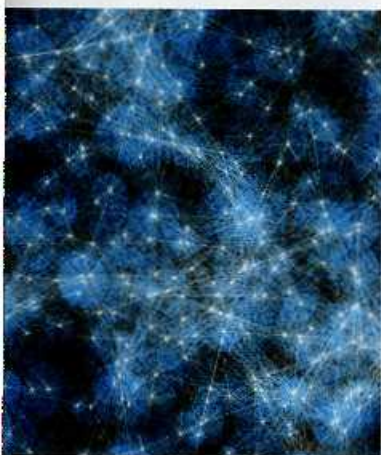
Crystal structure of the 80S ribosome from the yeast *Saccharomyces cerevisiae*. Ribosomes are responsible for protein synthesis in all cells. The eukaryotic ribosome, which consists of four RNA chains (gray) and 79 different proteins (colored ribbons), is more intricate and 40% larger than its bacterial counterpart. With an atomic mass of 3.3 megadaltons, this is the largest asymmetrical structure resolved by x-ray crystallography to date. See page 1524.

Image: Sergey Melnikov, Nicolas Garreau de Loubresse, Adam Ben-Shem, Lasse Jenner, Gulnara Yusupova, Marat Yusupov/Institut de Génétique et de Biologie Moléculaire et Cellulaire, Université de Strasbourg

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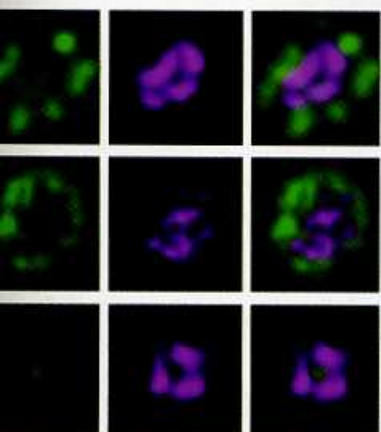




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