

# **Cryo-electron microscopy: the future is here**

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Single particle electron microscopy (EM) is an interdisciplinary technique where physics, chemistry, mathematics, information technology and biology meet together to deliver unprecedented insights in molecular organization of life. Rapid development of technology, instrumentation and data processing approaches solved the challenges that seemed impossible just 5 years ago, and we are yet to discover the full potential. In this talk I will discuss the key advantages of EM in obtaining atomic structures of proteins and illustrate the narrative with exciting examples from the current literature.