## TEM: A precious evergreen approach to Cell Biology and Pathology

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Transmission electron microscopy still represents a very important tool for investigating cell, tissues and organs. Differently from sample treatment in materials science, and when cryo-techniques ar not available, in biology a chemical fixation is commonly utilized to stabilize cell structures before the necessary dehydration, preceeding cell embedding and thin sectioning. Nevertheless the scientific community, in particular when ultrastructural analysis is associated to an effective molecular investigation, and with a consolidated expertise, recognizes its great value. This presentation is focused on the importance of TEM -in the variety of its technical applications- in disclosing subcellular structures and in describing their behavior in pathology.