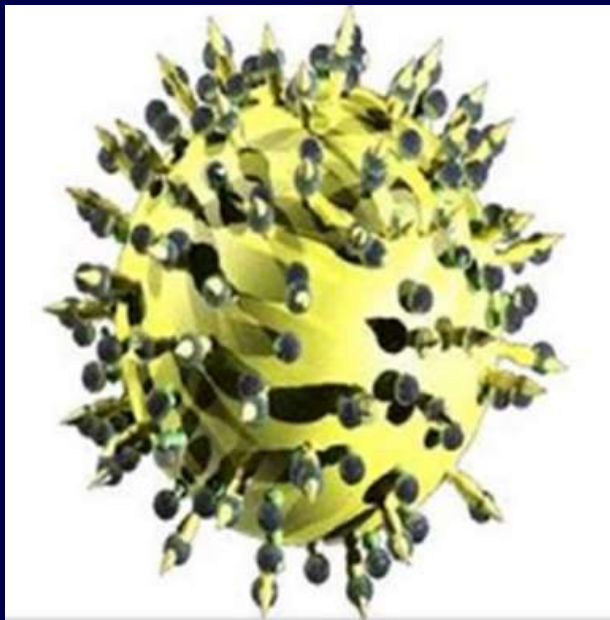
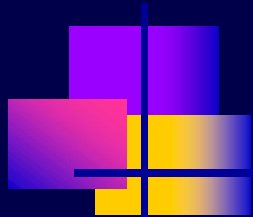




# Medical Virology



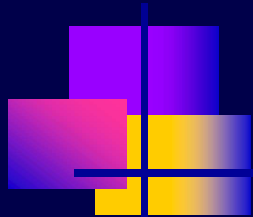
Dr.Salman Atshan  
Medical Microbiology



# General virology

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- Conception
- Virology
- Virus
- Viral Properties
- Size and Shape
- Structure
- Replication
- Viral Variation
- Classification



# Conception

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- *Virology*: the study of viruses
- *Virus*: Virus in Greek means poison , genetic element that cannot replicate independently of a living (host) cell
- *Virion* (*Virus particle*): extracellular form of a virus
  - Exists outside host and facilitates transmission from one host cell to another
  - Contains nucleic acid genome surrounded by a protein coat and, in some cases, other layers of material