TRABAJO DE FIN DE MASTER – Master Work

Physical Virology Group – Laboratorio de Nuevas Microscopías. C03. Departamento de Física de la Materia Condensada.

While eukaryotic viruses are engulfed by the host cell, bacteriophages eject their nucleic acid in the bacteria from outside upon binding on the outer membrane. Therefore it is crucial not only to know the structure of viral particles, but also the physical properties at the nanometer scale such as the mechanical stability or the elasticity. In our group we use Atomic Force Microscopy (AFM) in physiological conditions to study both structural and mechanical properties of viral particles. We offer to perform a research work introduction to Physical Virology.

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http://www.nanoforces.es/

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