

Archaeal viruses **Bacteriophages**

Archaea with plasmids, group I introns

Bacteria with plasmids, retons, group I & II introns

Escape of cells with their viruses and other parasitic elements

Pre-archaeal compartment **Pre-bacterial compartment**

DNA World

RNA-DNA Retro World

RNA-Protein World

RNA World

inorganic compartments

dsDNA and RCR viruses, plasmids

retons, group II introns

positive-strand, ds RNA viruses

selfish ribozymes (group I Introns)

ocean crust

