

Special Issue: Proteomics in Infectious Disease

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On the cover: Oil on canvas art illustrating the process of viral infection triggering alterations in the infected cell. A viral particle (pink) infects the cell, depositing its genomic material and initiating a cascade of viral gene expression to promote viral replication. The arms emanating from the viral particle to “control” the host proteome are an abstract representation of the result of viral infection. Represented by the top right arm, viral proteins (pink) are produced to regulate the immune defense, host metabolism, and the assembly of viral particles. The arm at the bottom represents regulation of host proteins (red) through alteration in protein abundances, localization, or post-translational modifications. This artwork was executed by Carla Vendrell, graphic designer and illustrator, with input from Pierre M. Jean Beltran, graduate student from the Cristea laboratory at Princeton University.

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