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Dr. Michaela Rumlová graduated from the University of Chemistry and Technology, Prague and received her Ph.D. in Microbiology in 1996 from the same University. Following her post-doctoral fellowship (1996-1998) at University of Alabama at Birmingham, USA in the laboratory of Prof. Eric Hunter, she started to work at the Institute of Organic Chemistry and Biochemistry, Czech Academy of Sciences. Since 2015 she has been working at the Department of Biotechnology at University of Chemistry and Technology, Prague, where she teaches Molecular Biology. Her research is oriented mainly on the retroviral life cycle and particularly at the possible ways how to inhibit the assembly of HIV. Her further interest is in the identification of protein and RNA domains critical for the assembly of immature as well as mature viral particles. This is based on structural analysis of individual retroviral domains and virus-host-cell protein interactions. The focus has been recently extended also on flaviviruses. In 2004 she was awarded with Otto Wichterle Award of the Academy of Sciences of the Czech Republic. She is an author of more than 40 original communications in peer-reviewed journals listed in WOS.