

Ornella Rossetto, PhD

Prof. Ornella Rossetto received her Ph.D. in Cellular and Molecular Biology and Pathology in 1995 and since 2014 she has been Associate Professor of General Pathology at the Medical School of University of Padova in Italy. Prof. Rossetto participated to the discovery of the zinc-endopeptidase activity of tetanus and botulinum neurotoxins and identified the intraneuronal targets and peptide bond specificity of these neurotoxins. She has been also interested in studying snake presynaptic PLA2 neurotoxins contained in the venom of the elapid snakes and metalloproteases from scorpion venom. She is presently studying the molecular mechanism of action of botulinum neurotoxins at the peripheral and central synapses.