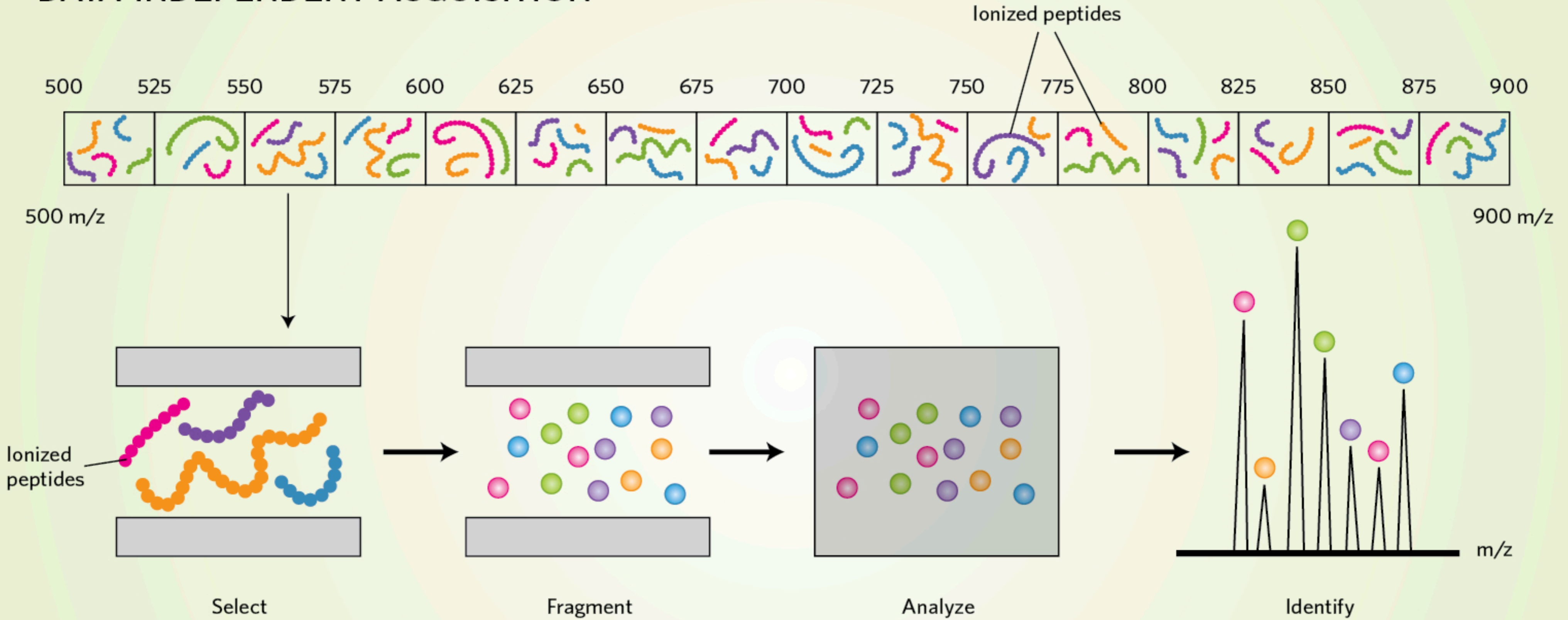


# DATA-INDEPENDENT ACQUISITION



**ALL TOGETHER NOW:** In data-independent acquisition (DIA), the mass spectrometer isolates all peptides that fall within a relatively wide mass window, subjects all the peptides from that window to fragmentation, and analyzes the masses of all the fragment ions simultaneously. The instrument then processes all of the peptides in each subsequent, nonoverlapping window until the entire mass range of interest has been covered.