New DVD – Biochemical Techniques for Proteomic Analyses.

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Some classical techniques usually applied in protein purification and characterization for proteomic analyses like chromatography, electrophoresis, and mass spectrometry were covered in this DVD. The material was making with the help of specific software for building 3D virtual models and animation using real protein structures and *Google sketch up* models for equipments. The researchers UFRJ – Campus Macaé avatars originating in the biochemistry integrated laboratory *Professor Hatsaburo Masuda* are designed with *Iclone* software. Totally in Portuguese, this material recreates faithfully environmental Brazilian biochemistry laboratories equipped with what is the most classic to more modern in the case of proteomic analysis by the end of the 90s, early 2000. This approach different from classical themes of biochemistry excited by the simplicity of the language used and the beauty of animation effects in DVD. It still brings protocols, techniques and tips for good interpretation of fragmentation spectra of small organic molecules and complex amino acid sequence interpretation from protein structures.

Word Keys: Proteomic, Animation, Mass Spectrometry, Chromatography, Electrophoresis.

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