



Universidade Presbiteriana
Mackenzie

Pró-Reitoria de Pesquisa e Pós-Graduação
Coordenadoria Geral de Pós-Graduação Stricto Sensu

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In this mission, transmission electron microscopy analyzes were performed at the Materials Characterization Center, Whitacre College of Engineering, Texas Tech University (TTU) of 2 pseudoboehmite samples synthesized at Mackenzie Presbyterian University Materials Characterization and Processing Laboratory. The research was conducted in collaboration with TTU professors Ayrton Bernussi and Juliusz Warzywoda. Pseudoboehmite samples are being studied for use in drug delivery system with the aim of reducing the amount of drug used for administration and decreasing the number of daily doses resulting in increased patient compliance. Among the drugs studied are simvastatin, metformin and acyclovir.

