List of figures

Fig. 1 Electron micrograph of colloidal iron-dextran particles.

Fig. 2 Analysis of pinocytosis in rat peritoneal macrophages under different physical conditions.

Fig. 3 Flow chart of purification and characterization of rat peritoneal macrophage endosomes by magnetic affinity chromatography.

Fig. 4 Analysis of affinity magnetic chromatography fractions.

Fig. 5 Fluorescence microscopy of the isolated fractions.

Fig. 6 Analysis of intravesicular pH of endosomes.

Fig. 7 Analysis of endosomal protease activities.

Fig. 8 Electron Microscopy of the vacuoles containing the colloidal iron probe.

Fig. 9 Western blot analysis of important endosome markers/proteins in affinity purified fractions.

Fig. 10 Analysis of the temporal evolution of endosomes in thioglycolate elicited macrophages by Western blots.

Fig. 11 Analysis of endosomal markers/proteins in resident vs thioglycolate elicitated peritoneal macrophages.

Fig. 12 Analysis of endosomal marker, Rab 5, in LPS treated vs untreated controls.

Fig. 13 Analysis of endosomal marker, Rab 7, in LPS treated vs untreated controls.

Fig. 14 Analysis of endosomal protease, Cat H, in LPS treated vs untreated controls.

Fig. 15 Analysis of endosomal protease, Cat B, in LPS treated vs untreated controls.

Fig. 16 Analysis of endosomal protease, Cat D, in LPS treated vs untreated controls.

Fig. 17 Protein profile of resident, thioglycolate elicitated and LPS treated macrophages.

Fig. 18 Temporal analysis of endosomal markers by confocal microscopy.

Fig. 19 Analysis of endosomal lipids.

Fig. 20 Analysis of early endosomal lipids.

Fig. 21 Analysis of late endosomal lipids.