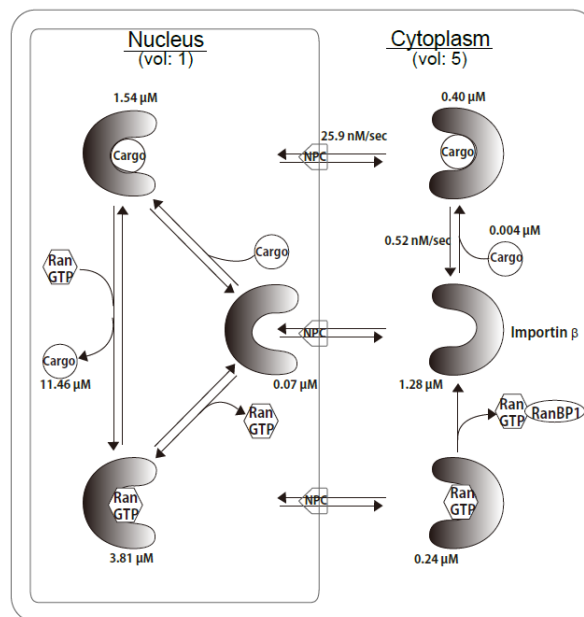


(C) Kinetic Model:



(A) Cytoplasm (blue regions) of cells (closed arrowheads) was continuously bleached for 30 min. The signal intensities in the corresponding nuclei (blue asterisks, *) and the control nuclei (red asterisks) were measured. **(B)** Live HeLa nuclei were bleached for 5 s and nuclear fluorescence recovery monitored every 3 s for 20 min. **(C)** Kinetic model showing steady-state concentrations of transport components; and rates of nuclear influx of importin β -cargo complex and its formation in the cytoplasm