

Tab. II. Membrane flow and turnover rates evaluated from the results of cytochalasin B treatment (presented in Tab. I).

Productivity of a single dictyosome	~ 1.06 vesicles \times min ⁻¹
Turnover time of a single GA cisterna	7.34 min
Turnover time of a complete dictyosome	66.06 min
Turnover rate of the total GA membrane per cell	70.4 $\mu\text{m}^2 \times$ min ⁻¹ *)
Vesicle transfer time (GA to PM)	8.86 min

*) This value corresponds to 9.4% of the plasma membrane area of an ovary gland cell.
