

## Letter to the Editor

### Interspecies Differences in the Nasal Absorption of Insulin

To the Editor:

We very recently reported on the substantial increase in bioavailability of insulin in rats when administered intranasally together with cyclodextrins (1). We now wish to draw your attention to the existence of large interspecies differences in the nasal absorption of insulin, using the absorption enhancers sodium tauro-24,25-dihydrofusidate (STDHF) and cyclodextrins (CDs). With 1% STDHF the mean insulin bioavailability was 18% in rats and 5% in rabbits (2); with 5% dimethyl- $\beta$ -CD it was 108% in rats (1); however, in rabbits and in human volunteers no insulin absorption could be measured. Detailed information on this important phenomenon of interspecies difference in the nasal absorption of insulin will be submitted to this journal soon.

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#### REFERENCES

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