Retraction

EDITORS' NOTE:

It is not editorial policy of *Diabetes* to publish letters to the editor. The nature of the following communications requires that an exception be made.

To the Editor:

Since publication of the paper entitled, "Direct evidence for downregulation of insulin receptors by physiologic hyperinsulinemia in man" (Diabetes *29*:159–63, 1980), a review of the raw data has revealed some discrepancies necessitating that I retract the conclusion that the reduction in insulin binding to monocytes induced by insulin infusion is due to a fall in binding capacity rather than binding affinity. The data review did substantiate that total insulin binding fell after insulin infusion.

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To the Editor:

I have recently become aware of discrepancies between original raw data and data made available for publication from my laboratory on insulin binding to monocytes.[1,2] A review by an outside consultant of other raw data on insulin binding has substantiated the conclusions in several publications.[3–5] However, raw data were not available for review from a number of other papers.[6–12] In addition to my having communicated with the editors of the relevant journals,[6–12] as the senior investigator in the laboratory in which the studies were undertaken, I wish to make known as widely as possible to interested workers in the field (1) that it is our intention to repeat as best we can those studies for which raw data were not available for review; (2) that until further information is available, the hormone binding data in those publications[6–12] must be considered questionable; and (3) my deep regret that this situation has occurred.

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REFERENCES

[1] Soman, V., and Felig, P.: Insulin binding to monocytes and insulin sensitivity in anorexia nervosa. Am. J. Med. *68*:66–70, 1980.

[2] Soman, V., and DeFronzo, R.: Direct evidence for downregulation of insulin receptors by physiologic hyperinsulinemia in man. Diabetes *29*:159–63, 1980.

[3] Koivisto, V., Soman, V., Conrad, P., Hendler, R., Nadel, E., and Felig, P.: Insulin binding to monocytes in trained athletes: changes in the resting state and after exercise. J. Clin. Invest. *64*:1011–15, 1979.

[4] Soman, V., Koivisto, V., Deibert, D., Felig, P., and DeFronzo, R.: Increased insulin sensitivity and insulin binding to monocytes after physical training. N. Engl. J. Med. *301*:1200–04, 1979.

[5] Koivisto, V., Soman, V., and Felig, P.: Effects of acute exercise on insulin binding to monocytes in obesity. Metabolism *39*:168–72, 1980.

[6] Soman, V., Koivisto, V., Grantham, P., and Felig, P.: Increased insulin binding to monocytes after acute exercise in normal man. J. Clin. Endocrinol. Metab. *47*:216, 1978.

[7] Soman, V., and Felig, P.: Glucagon and insulin binding to liver membranes in a partially nephrectomized uremic rat model. J. Clin. Invest. *60*:224–32, 1977.

[8] Soman, V., and Felig, P.: Glucagon binding and adenylate cyclase activity in liver membranes from untreated and insulin treated diabetic rats. J. Clin. Invest. *61*:552–60, 1978.

[9] DeFronzo, R. A., Soman, V., Sherwin, R. S., Hendler, R., and Felig, P.: Insulin binding to monocytes and insulin action in human obesity, starvation and refeeding. J. Clin. Invest. *62*:204–13, 1978.

[10] DeFronzo, R. A., Deibert, D., Hendler, R., Felig, P., and Soman, V.: Insulin sensitivity and insulin binding to monocytes in maturity onset diabetes. J. Clin. Invest. *63*:939–46, 1979.

[11] Soman, V., and Felig, P.: Regulation of the glucagon receptor by physiologic hyperglucagonemia. Nature *272*:289–30, 1978.

[12] Soman, V., Tamborlane, W. V., DeFronzo, R., Genel, M., and Felig, P.: Insulin binding and insulin sensitivity in isolated growth hormone deficiency. N. Engl. J. Med. *299*:1025–28, 1978.