

immunoreactive fractions. One of them appeared in the true glucagon area (3,500 M.W.), another appeared in the void volume (>20,000 M.W.), another appeared just before insulin (9,000 M.W.), and the last close to the salt peak (<2,000 M.W.). The increase in total plasma glucagon in depancreatized and alloxan-diabetic dogs was due to an increase in the 3,500- and 9,000-M.W. fractions. Arginine stimulation in depancreatized dogs caused an increase in the 3,500-M.W. fraction. Somatostatin or insulin infusion resulted in a disappearance of this fraction. In a hypoglycemic, phloridzinized dog, marked hyperglucagonemia was observed due to an increase in the 3,500- and 9,000-M.W. fractions. Somatostatin infusion caused a disappearance of the 3,500-M.W. fraction and a marked reduction of the 9,000-M.W. fraction. The latter fraction may represent the entry of glucagon precursors into the circulation. Postpancreatectomy plasma glucagon does not appear to differ qualitatively from glucagon secreted by the A cells, since the patterns of glucagon immunoreactivity in depancreatized and in normal and alloxan-diabetic dogs are similar. C.R.S.

Zanoboni, Alberto; Schwarz, Daniele; and Zanoboni-Muciaccia, Wanda (4th Dept. of Clinical Med., University of Milano, Sch. of Med., Milano, Italy): STIMULATION OF INSULIN SECRETION IN MAN BY ORAL GLYCEROL ADMINISTRATION. *Metabolism* 25:41-45, January 1976.

Blood glucose, plasma FFA, and insulin levels were measured in normal fasting and glucose-loaded subjects following an orally administered glycerol load. Blood glucose levels were unchanged after glycerol administration, and the glycemic responses to glycerol plus glucose were similar to those noted with glucose alone. Plasma FFA was depressed after glycerol loading but decreased more rapidly and persistently after ingestion of glycerol plus glucose. The insulin response increased following glycerol administration despite the absence of a rise in blood glucose; moreover, the rise in plasma IRI was greater in the group given glycerol plus glucose than in those receiving glucose alone. The data suggest that the release of insulin may be stimulated by a small increment of blood glucose derived through gluconeogenesis from glycerol. C.R.S.

Correction

We regret that there is a typographic error in the page numbers shown on the spine and in the coding line at the bottom of the Contents page for the May 1976 issue of this Journal—the last page number should read 476 instead of 496.

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revised editorial format

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Acta Diabetologica Latina publishes reviews, original contributions and leading articles concerned with the clinics, the pharmacology, the physiology and the biochemistry of diabetes. It aims to promote discussion between diabetologists on an international basis. From Vol. VI, 1969 onwards all articles have been bilingual, i.e. English and one of the Latin languages. Since Vol. XI, 1974 the journal is published exclusively in English.

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