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Fig. S1: Experimental protocol describing the treatments with an oral hypoglycemic drug before the intraperitoneal glucose tolerance test with acute olanzapine treatment. IGTT = intraperitoneal glucose tolerance test.

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Fig. S2: Time series representation of the acute effects of antidiabetic drugs on olanzapine-induced glucose intolerance in adult female rats. Animals (*n* = 8–10 per group) received 2 daily gavages of either (A) metformin (100 and 500 mg/kg, oral), (B) rosiglitazone (6 and 30 mg/kg, oral) or (C) glyburide (2 and 10 mg/kg, oral) immediately after olanzapine treatment (7.5 and 15 mg/kg, intraperitoneal) and overnight fasting. Subsequently, all rats were subjected to a glucose tolerance test by receiving an intraperitoneal challenge injection of 1 g/mL/kg of glucose, and blood glucose levels were measured every 15 minutes for the next 2 hours. Significance values not included (see Fig. 1 in main article). H = high dose; L = low dose; O = olanzapine; O_7.5 = olanzapine, 15 mg/kg; O_7.5 = olanzapine, 7.5 mg/kg; V = vehicle.