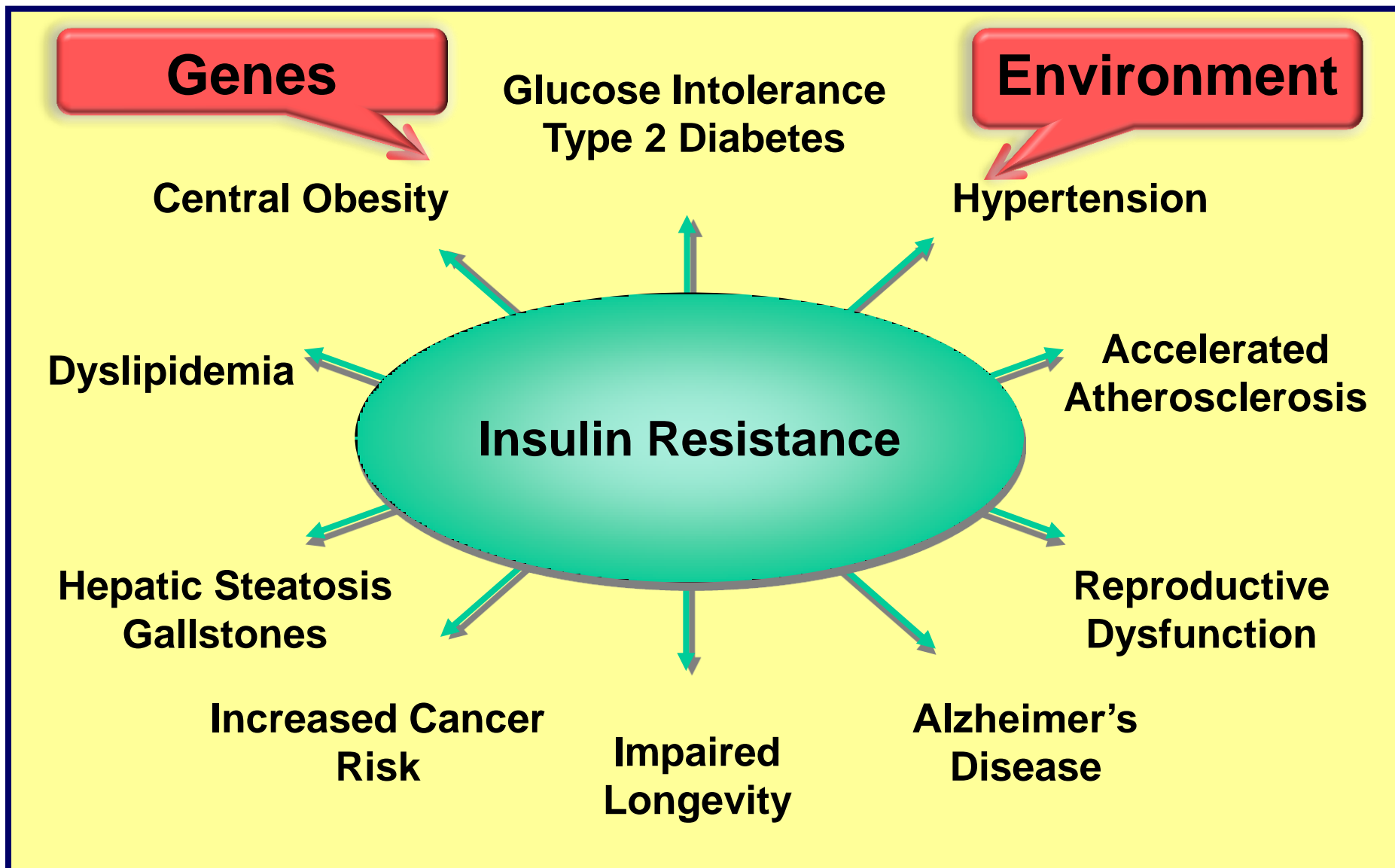
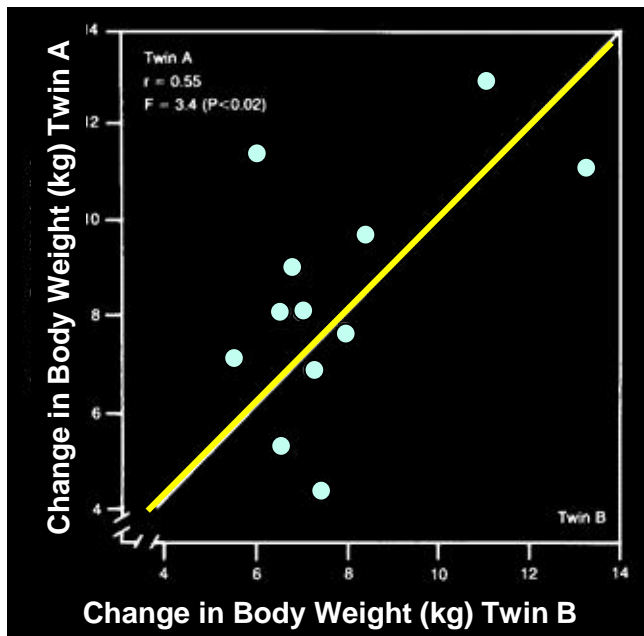


# Insulin Resistance: At the Core of Epidemic of Type 2 Diabetes and Metabolic Syndrome



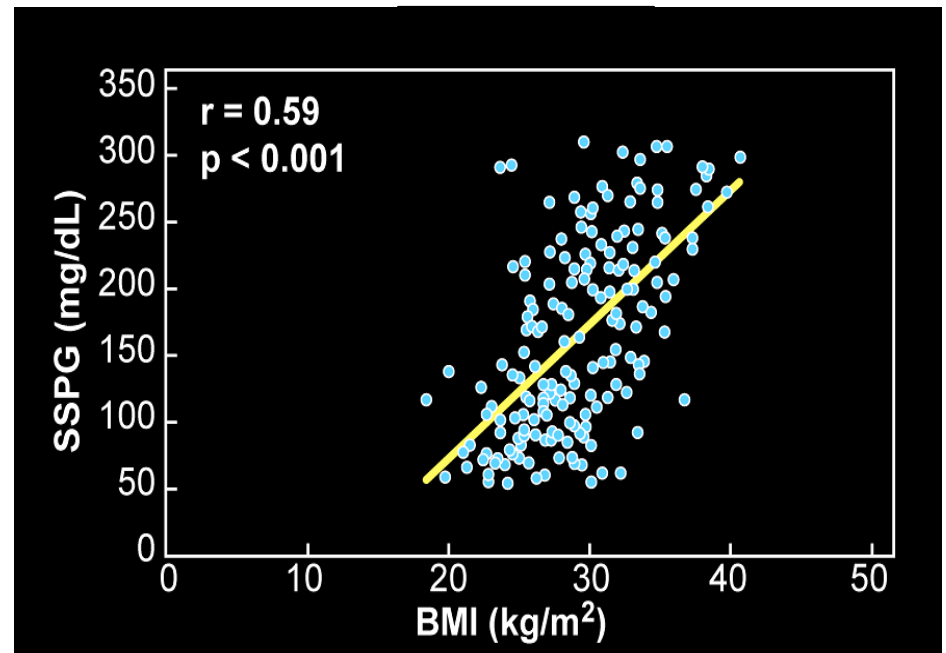
# The Combination of Genes and Environment Define Insulin Resistance and Obesity

## Weight Gain in Identical Twins Overfed for 100 Days



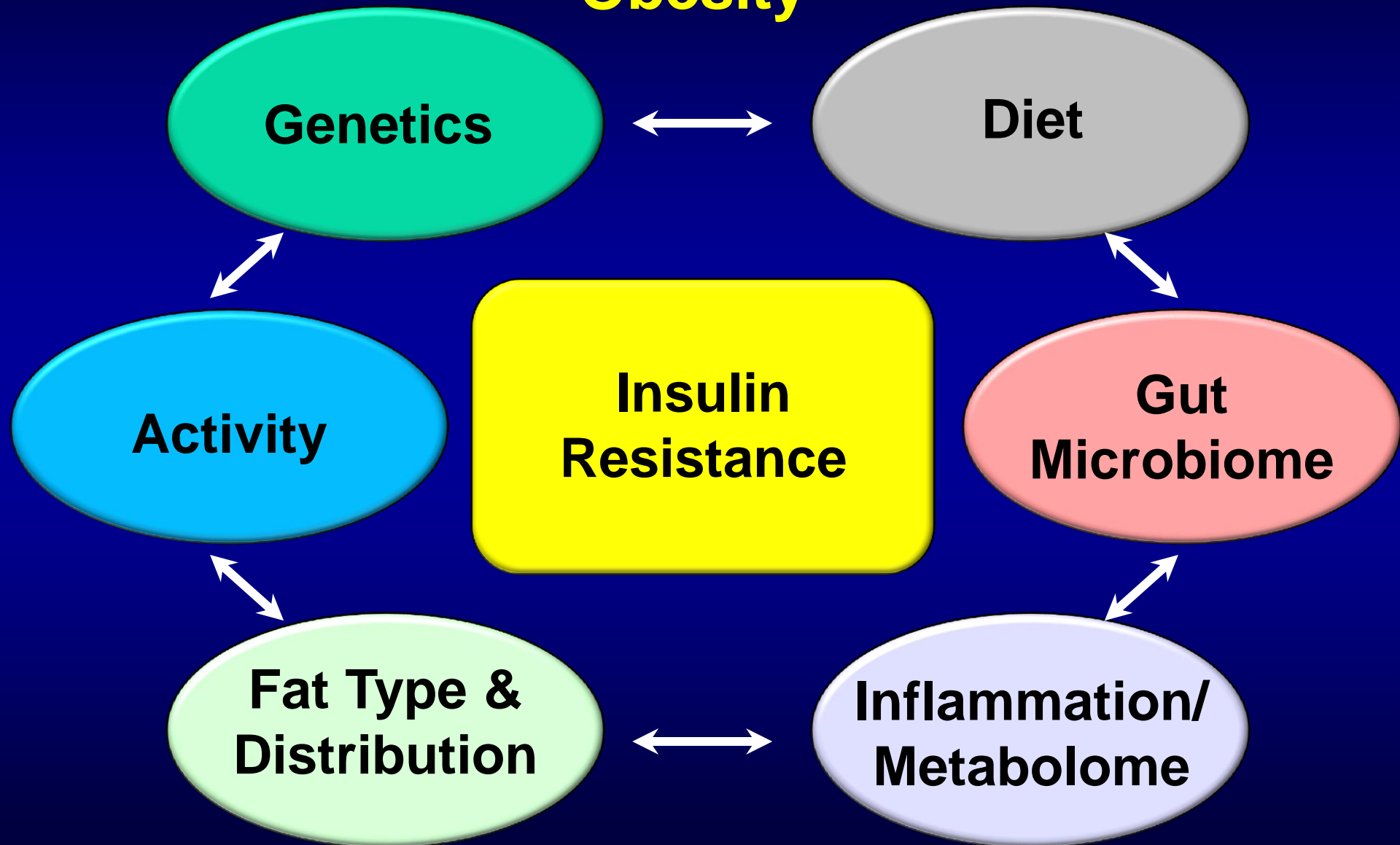
Bouchard, et al, NEJM 322:1477, 1990

## Relationship Between BMI and Insulin Resistance



Adapted from Reaven and colleagues, Am Coll Cardiol. 2002;40

# Factors Driving Insulin Resistance and Obesity



# The Challenge: Insulin Signaling/Resistance is Really Complex

