

## Pathophysiology of Diabetes; Readings

### [Early neonatal death in mice homozygous for a null allele of the insulin receptor gene.](#)

Accili D, Drago J, Lee EJ, Johnson MD, Cool MH, Salvatore P, Asico LD, José PA, Taylor SI, Westphal H.

Nat Genet. 1996 Jan;12(1):106-9.

PMID: 8528241

### [Adipose tissue selective insulin receptor knockout protects against obesity and obesity-related glucose intolerance.](#)

Blüher M, Michael MD, Peroni OD, Ueki K, Carter N, Kahn BB, Kahn CR.

Dev Cell. 2002 Jul;3(1):25-38.

PMID: 12110165

### [Role of brain insulin receptor in control of body weight and reproduction.](#)

Brüning JC, Gautam D, Burks DJ, Gillette J, Schubert M, Orban PC, Klein R, Krone W, Müller-Wieland D, Kahn CR.

Science. 2000 Sep 22;289(5487):2122-5. PMID: 11000114

### [A muscle-specific insulin receptor knockout exhibits features of the metabolic syndrome of NIDDM without altering glucose tolerance.](#)

Brüning JC, Michael MD, Winnay JN, Hayashi T, Hörsch D, Accili D, Goodyear LJ, Kahn CR.

Mol Cell. 1998 Nov;2(5):559-69.

PMID: 9844629

### [Loss of insulin signaling in hepatocytes leads to severe insulin resistance and progressive hepatic dysfunction.](#)

Michael MD, Kulkarni RN, Postic C, Previs SF, Shulman GI, Magnuson MA, Kahn CR.

Mol Cell. 2000 Jul;6(1):87-97.

PMID: 10949030