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# Corrigendum: Editorial: Cross-talk between heterogeneous cell types in skeletal muscle: implications for glucose metabolism

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## KEYWORDS

skeletal muscle, glucose metabolism, tissue cross talk, inflammation, FGF21

## A Corrigendum on

### Editorial: Cross-talk between heterogeneous cell types in skeletal muscle: implications for glucose metabolism

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In the published article, [Figure 1](#) and the respective citations were omitted. The corrected [Figure 1](#) and its caption appear below.

The citations for [Figure 1](#) have now been inserted in paragraphs 3 and 4 and should read:

“In a recently published paper, Merz et al. link the relevance of PAK1 to type II diabetes pathogenesis by the use of knockout and overexpression of PAK1 mouse models ([Figure 1](#)).”

“Nonetheless, the interconnection between insulin release, resistance, and glucose metabolism in skeletal muscle is much more complex and it also has an immunological cofactor as reviewed by Shen et al. linking the systematic pro-inflammatory response detected by several studies by the increased levels of TNF $\alpha$  or IL-6 in serum (8) and intramuscular (9) with muscle degeneration ([Figure 1](#)).”

“In this issue, Arias-Calderoín et al. have been able to identify that FGF21 an important hormone for muscle repair, can be secreted intra-muscularly via PI3K/AKT/mTOR signaling pathway (Figure 1).”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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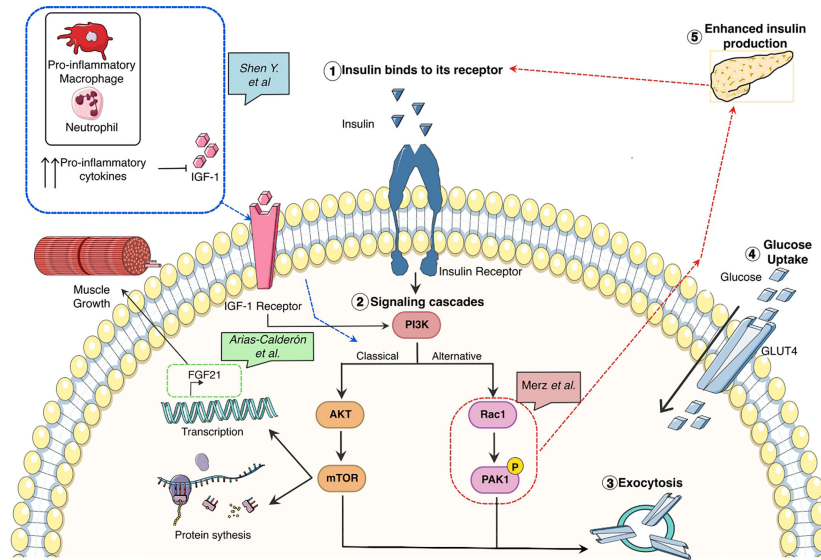


FIGURE 1  
Glucose metabolism associated pathways and its correlation with growth, inflammation, and tissue repair in skeletal muscle.