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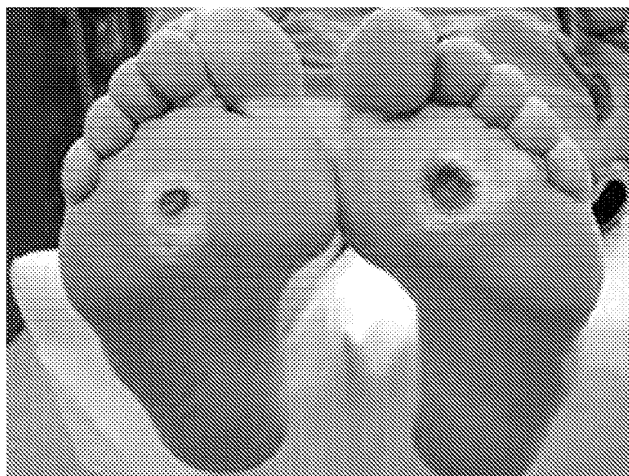


Fig. 1A

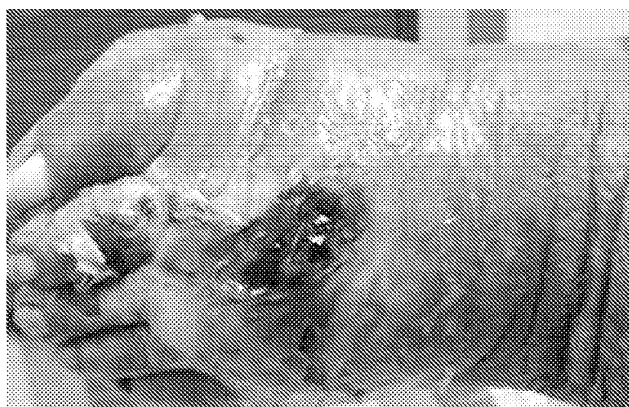


Fig. 1B

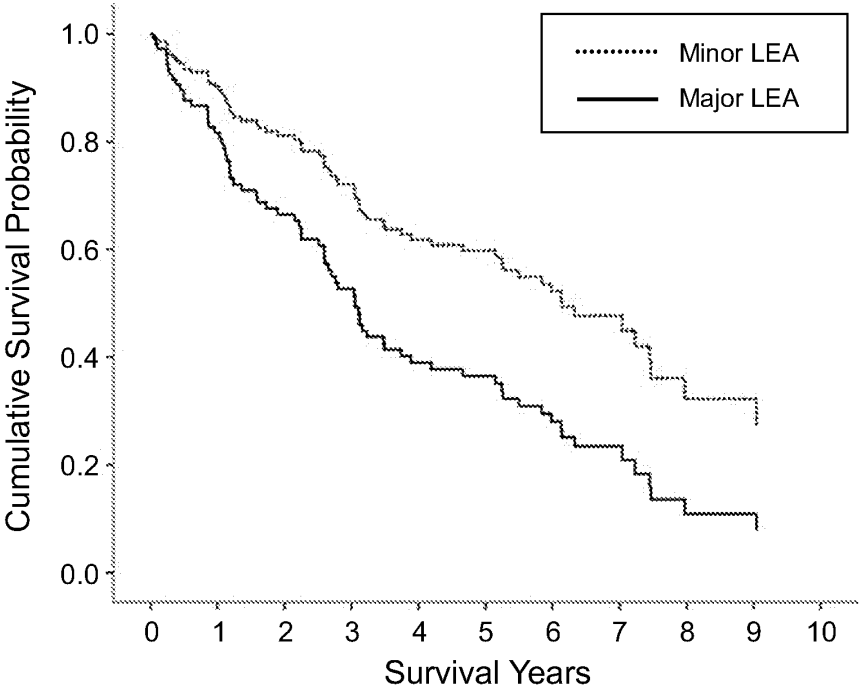


Fig. 2A

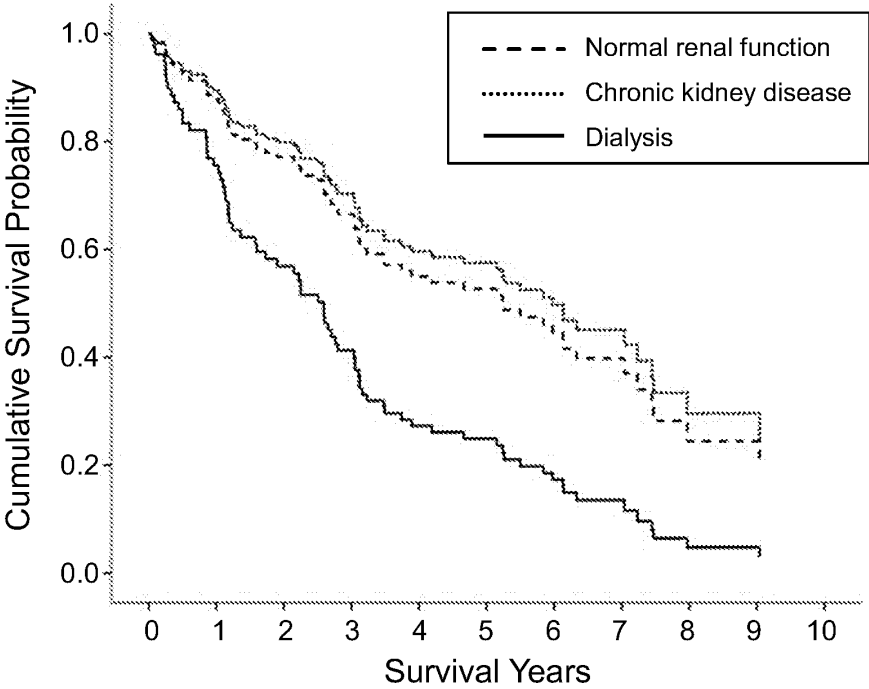
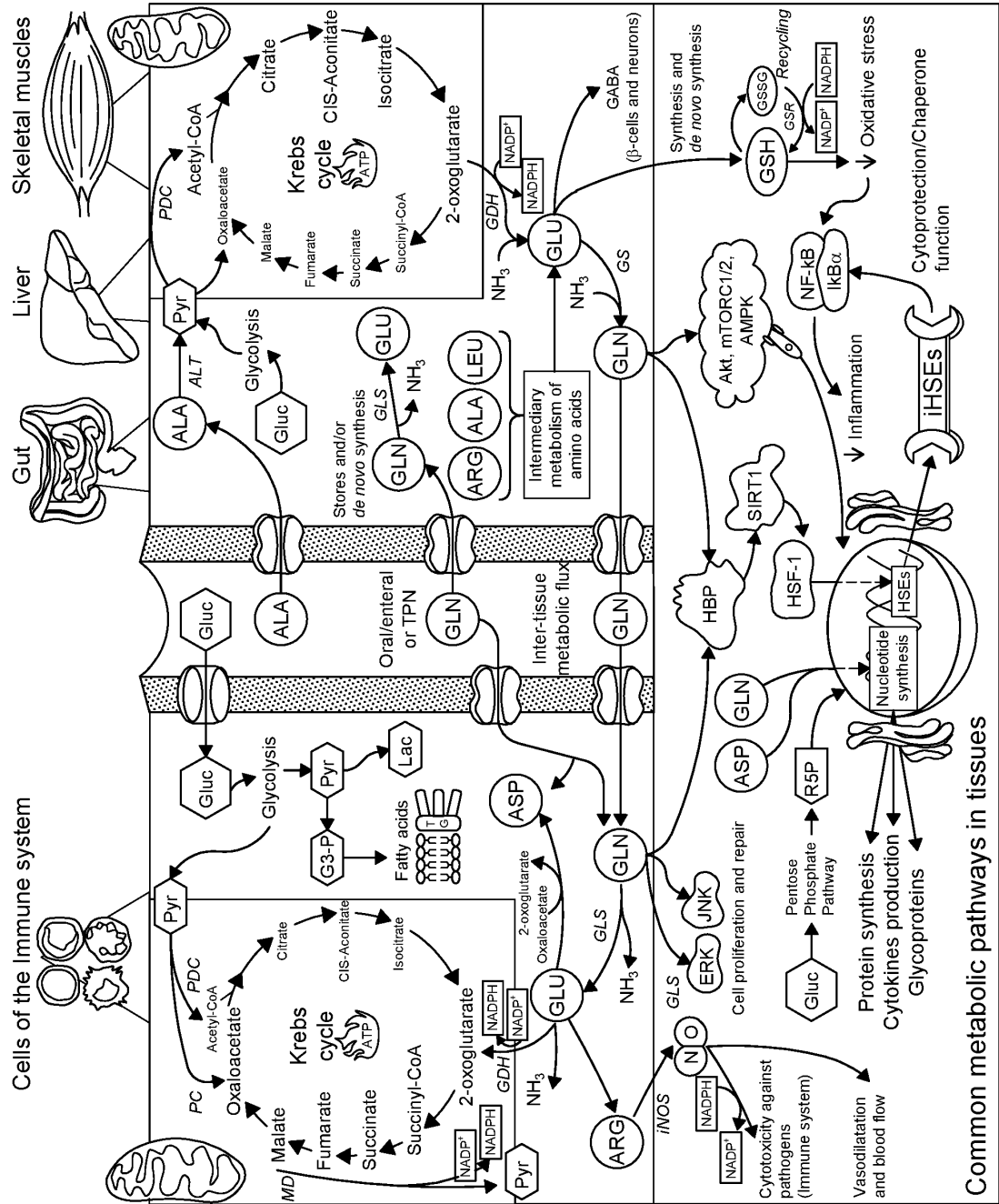


Fig. 2B

Fig. 3



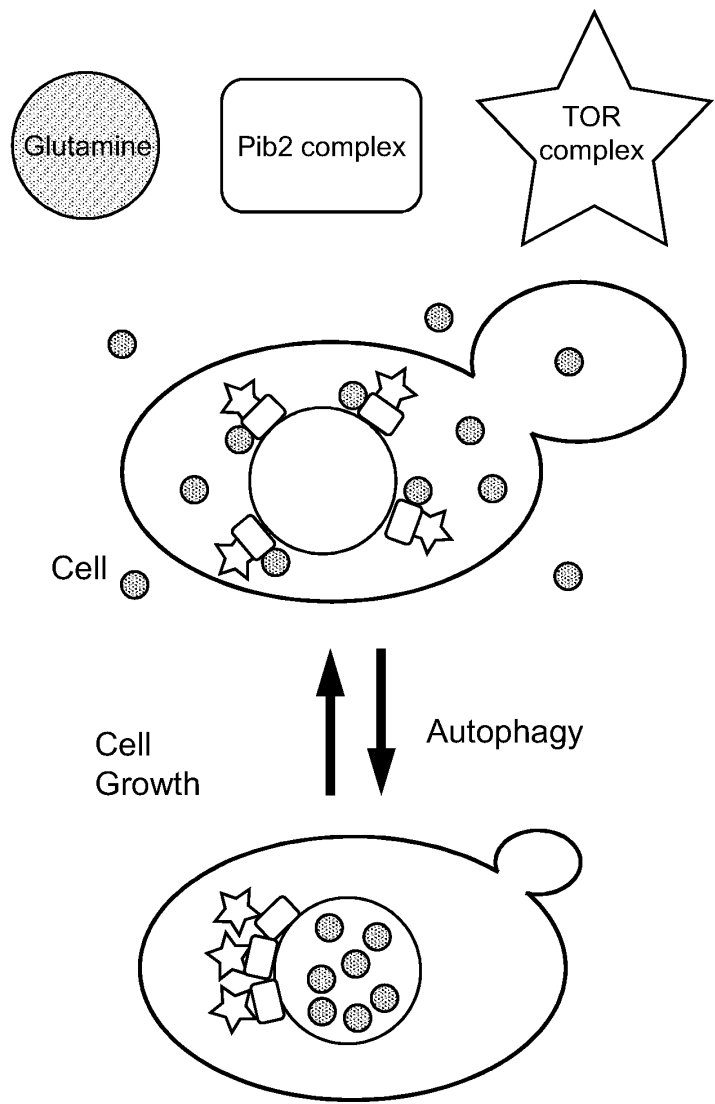
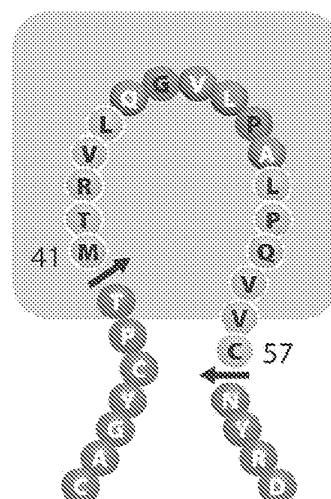
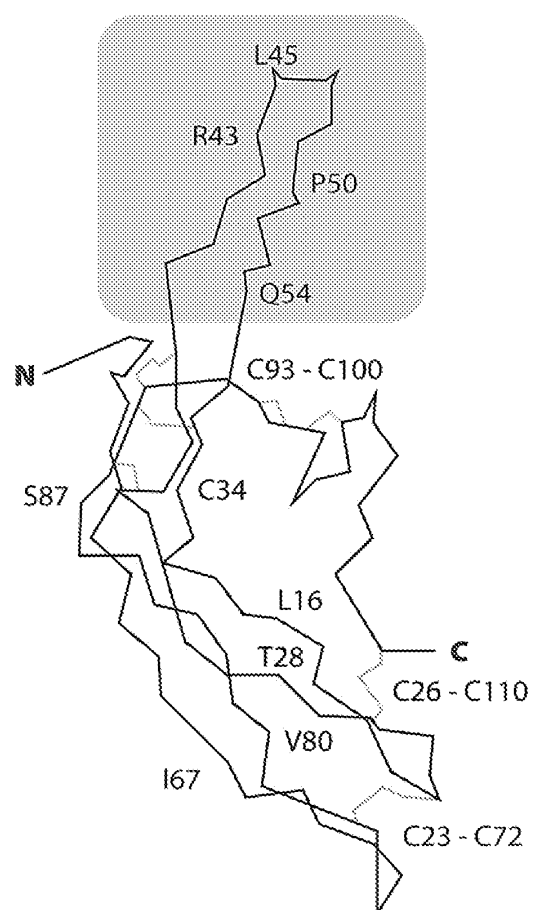


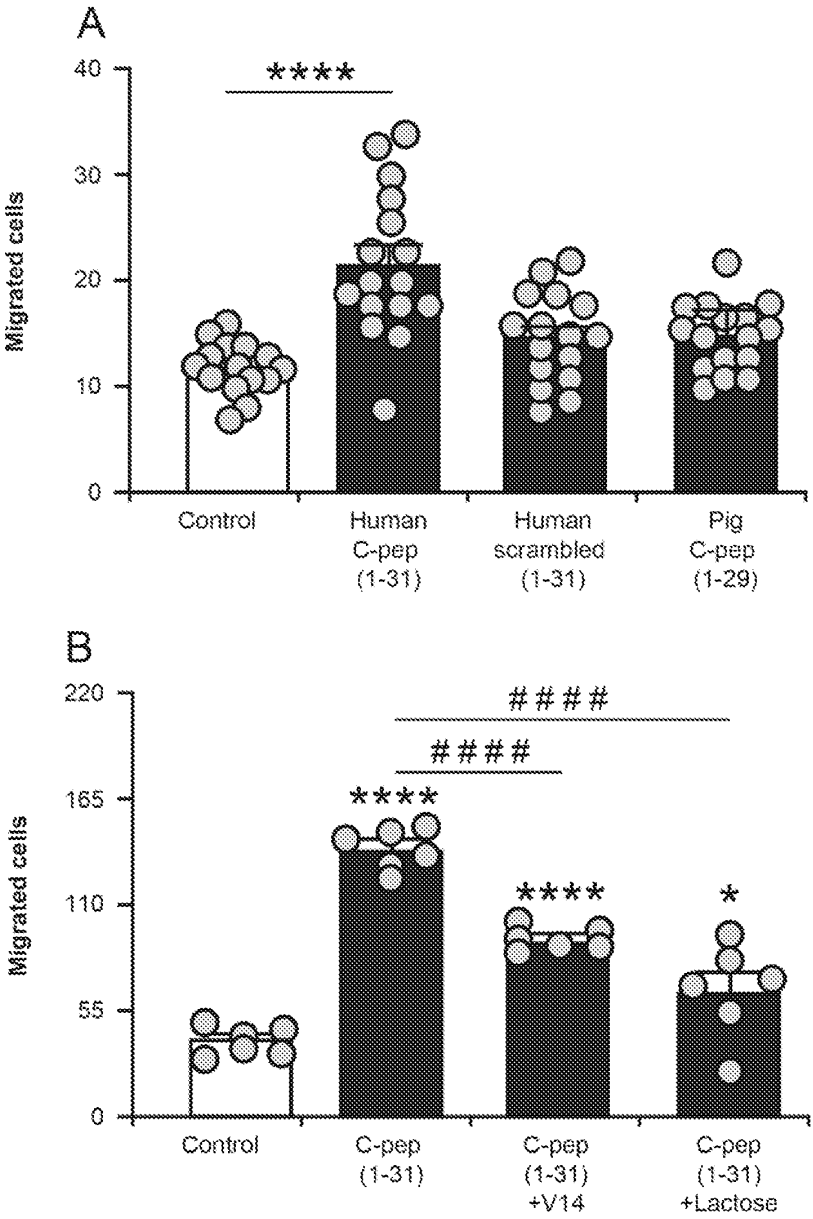
Fig. 4



Various derivatives of nicked peptide
41-MTRVLQGVLPALPQVVC-57
are bioactive in immune and /or
vascular cells but likely
do not act via the hCK-receptor.

Fig. 5

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CLUSTAL O(1.2.4) multiple sequence alignment

```
SP|P01308|INS_HUMAN EAEDLQVGQVELGGGPGAGSLQPLALEGSLQ 31
SP|P01315|INS_PIG EAENPQAGAVELGGGL--GGLQALALEGPPQ 29
***: *. * ***** *.** ***** *
```

Fig. 6

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Autophagy-inhibiting peptide uptake by amino acid transport, PEPT1/2 transport, endocytosis or phagocytosis, and subsequent hydrolysis

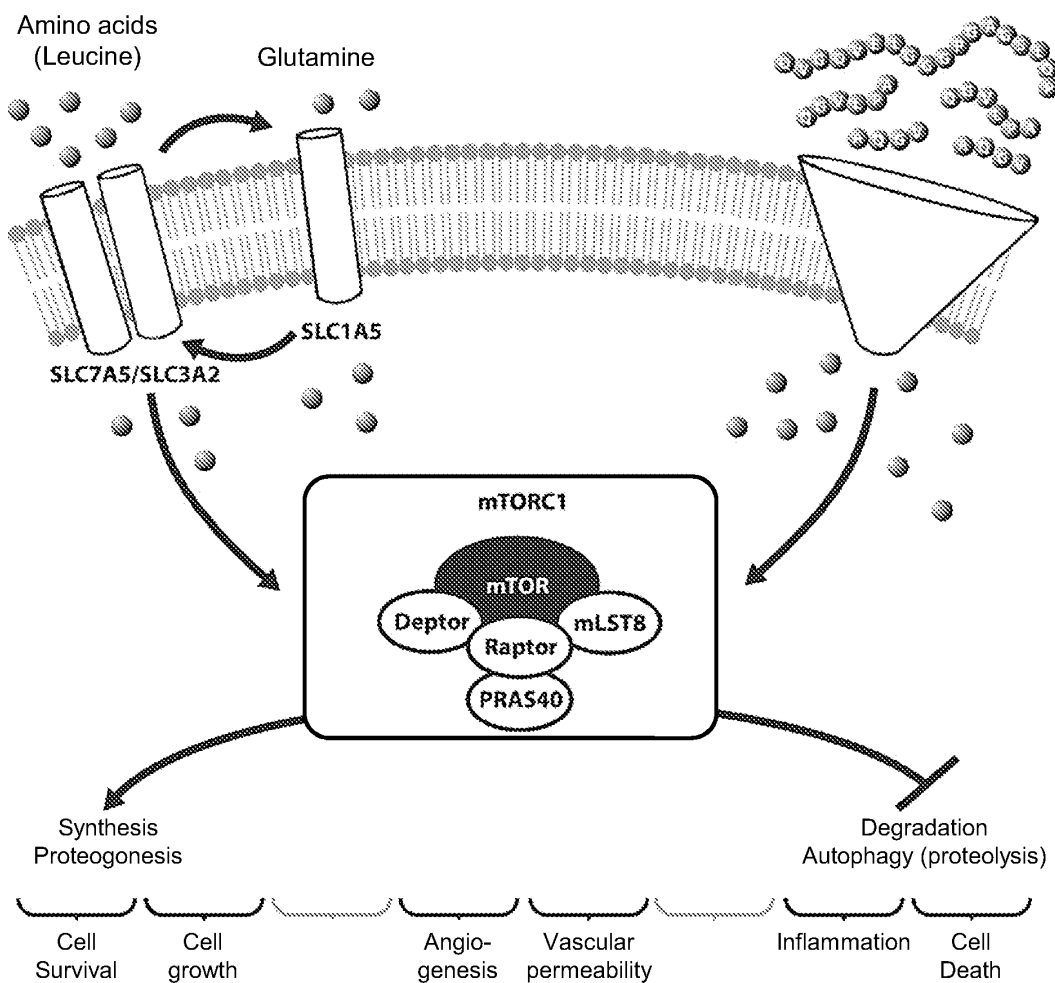


Fig. 7

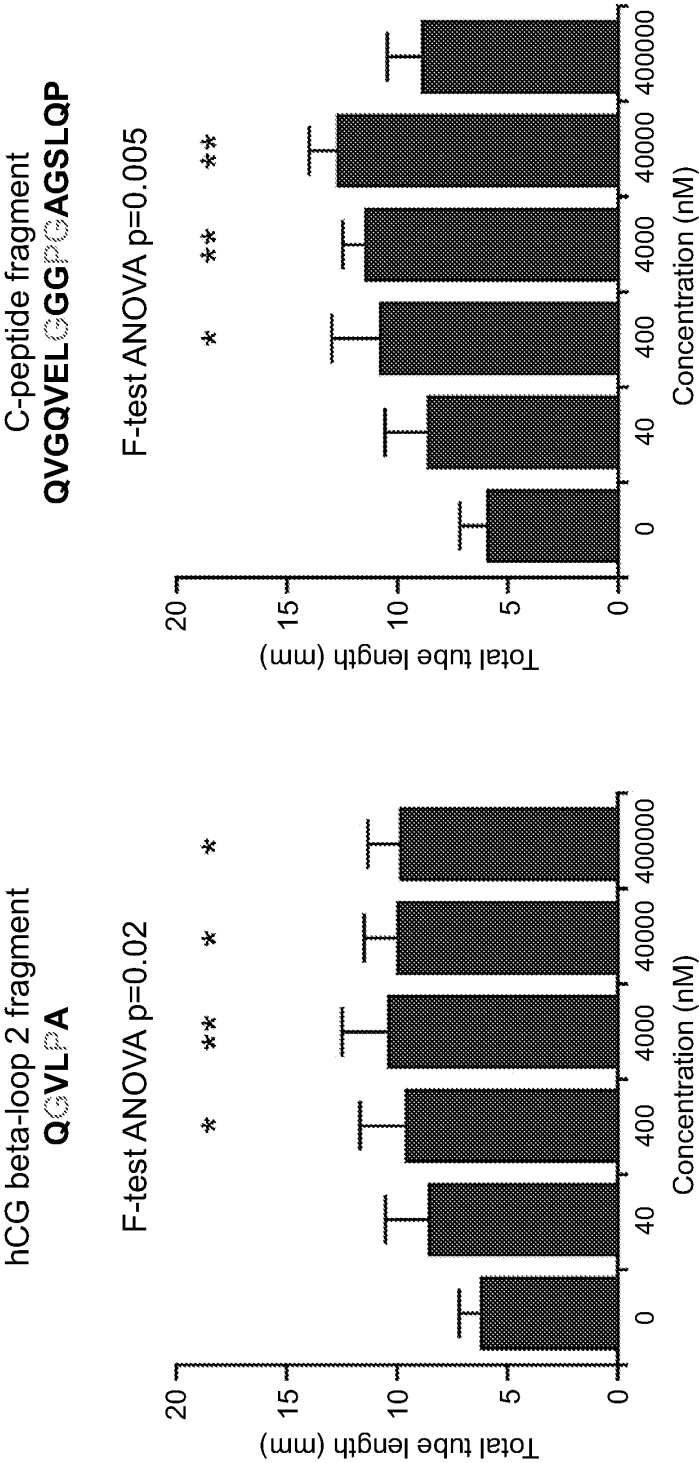


Fig. 8

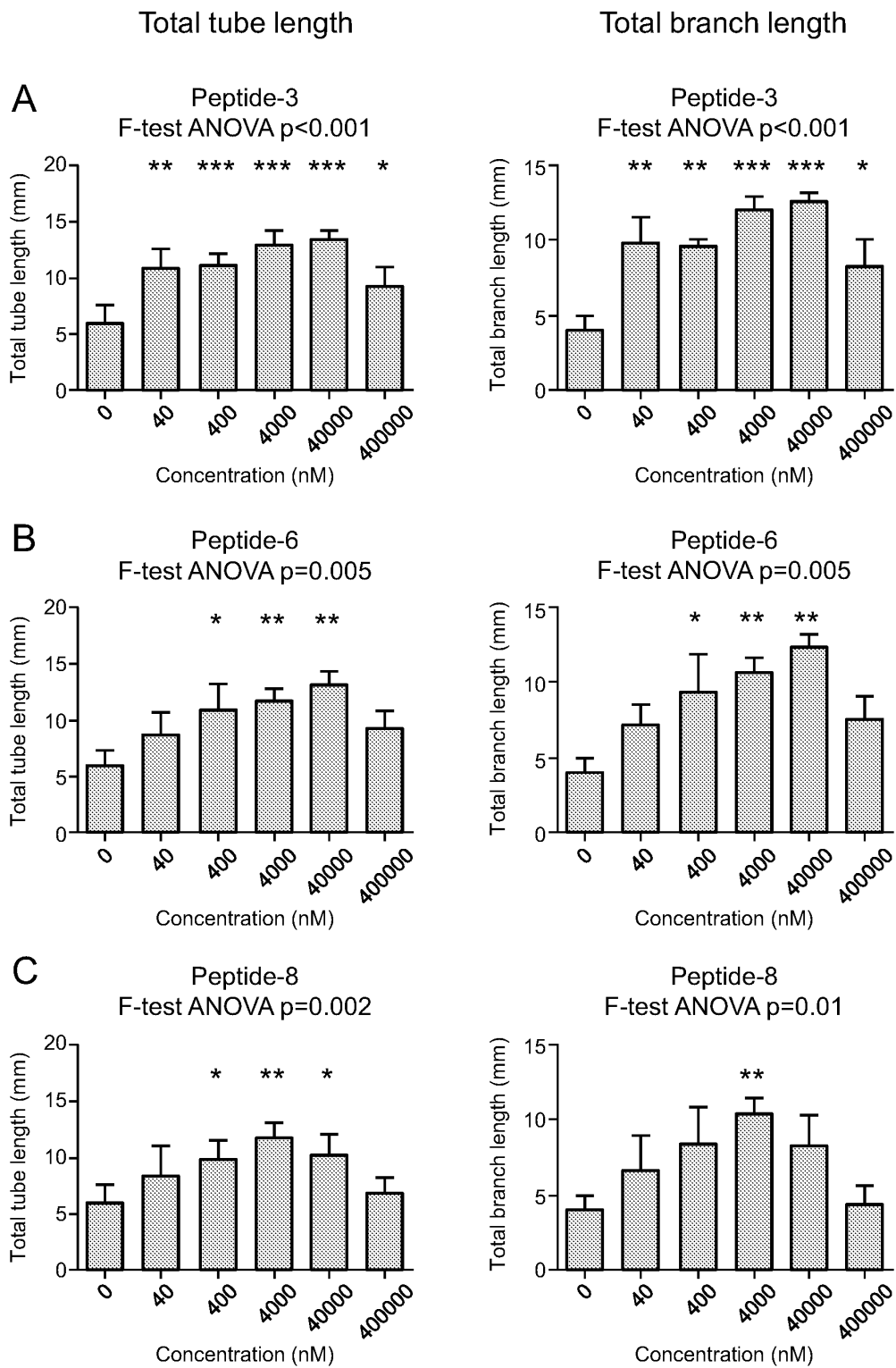


Fig. 9

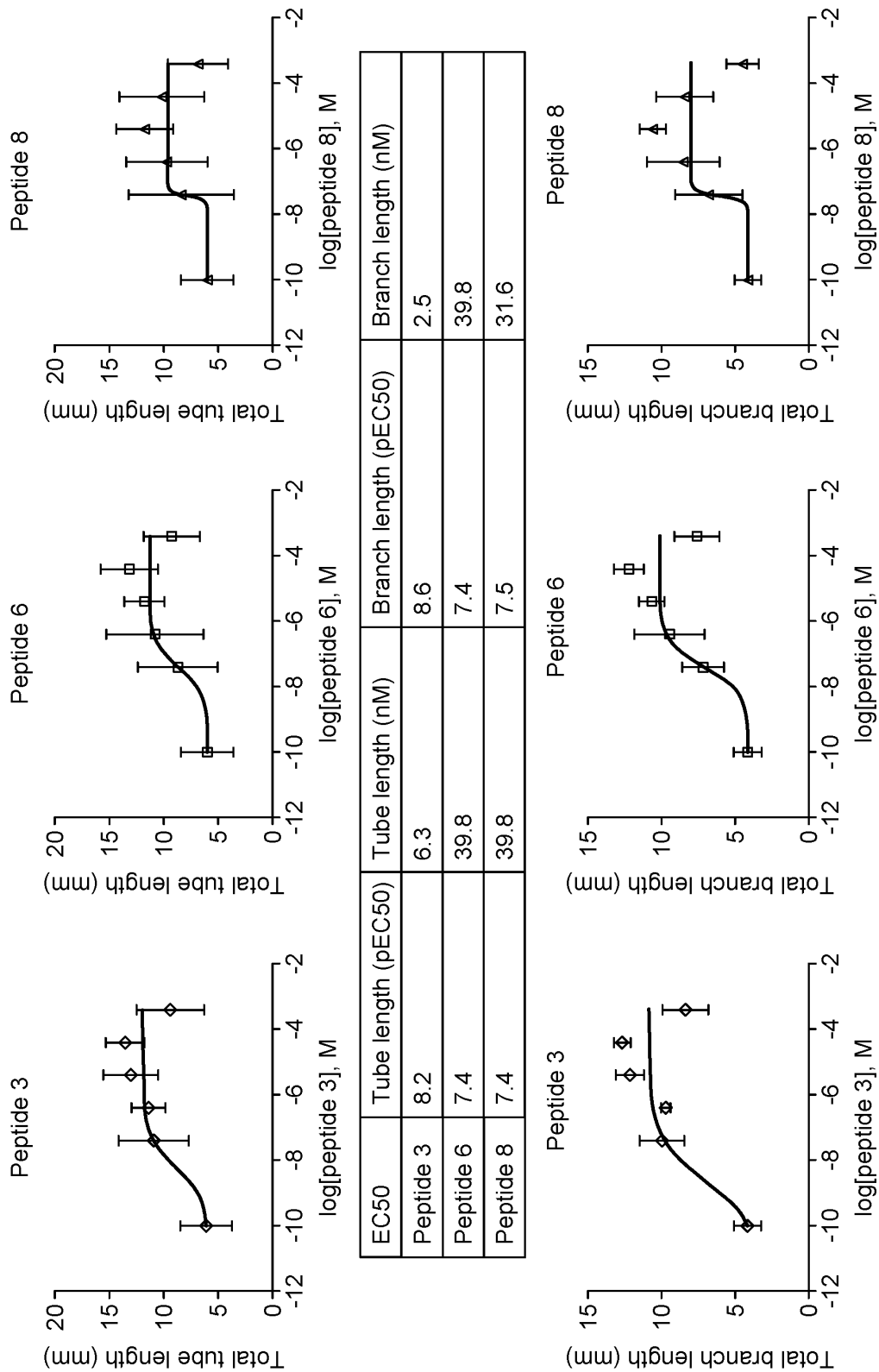


Fig. 10

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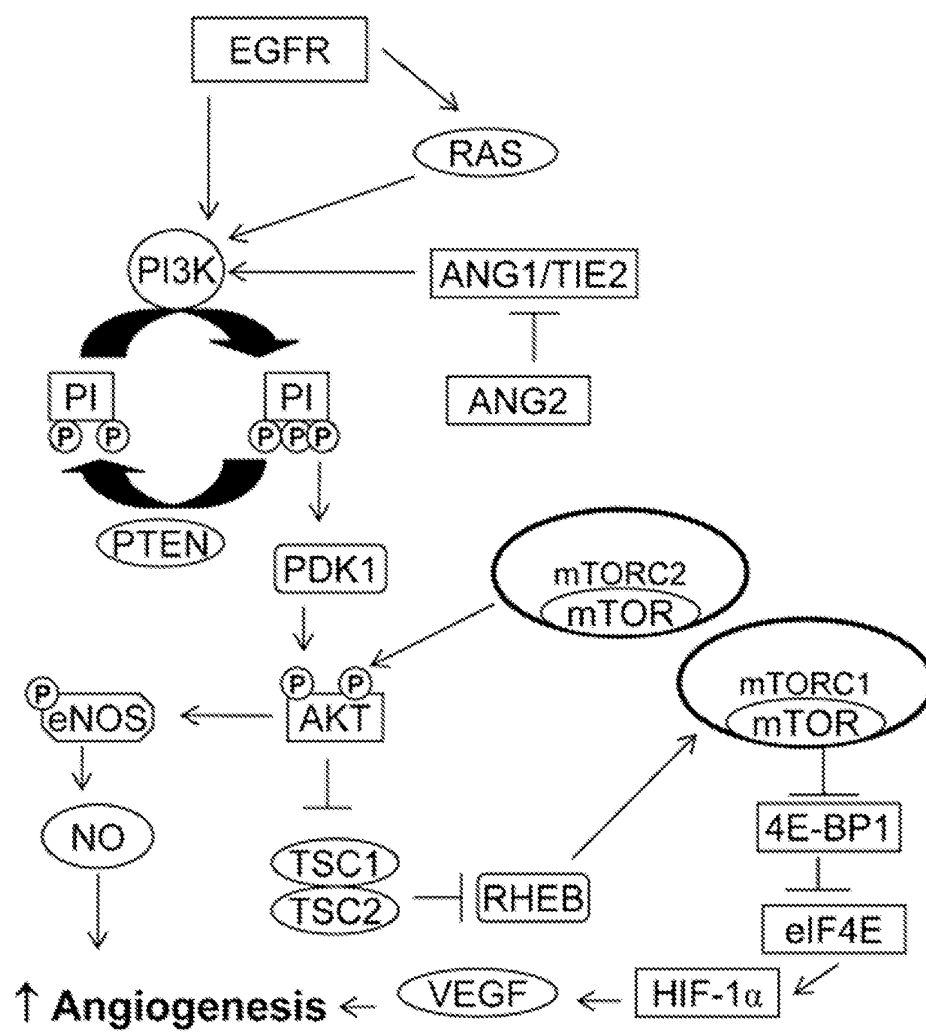


Fig. 11

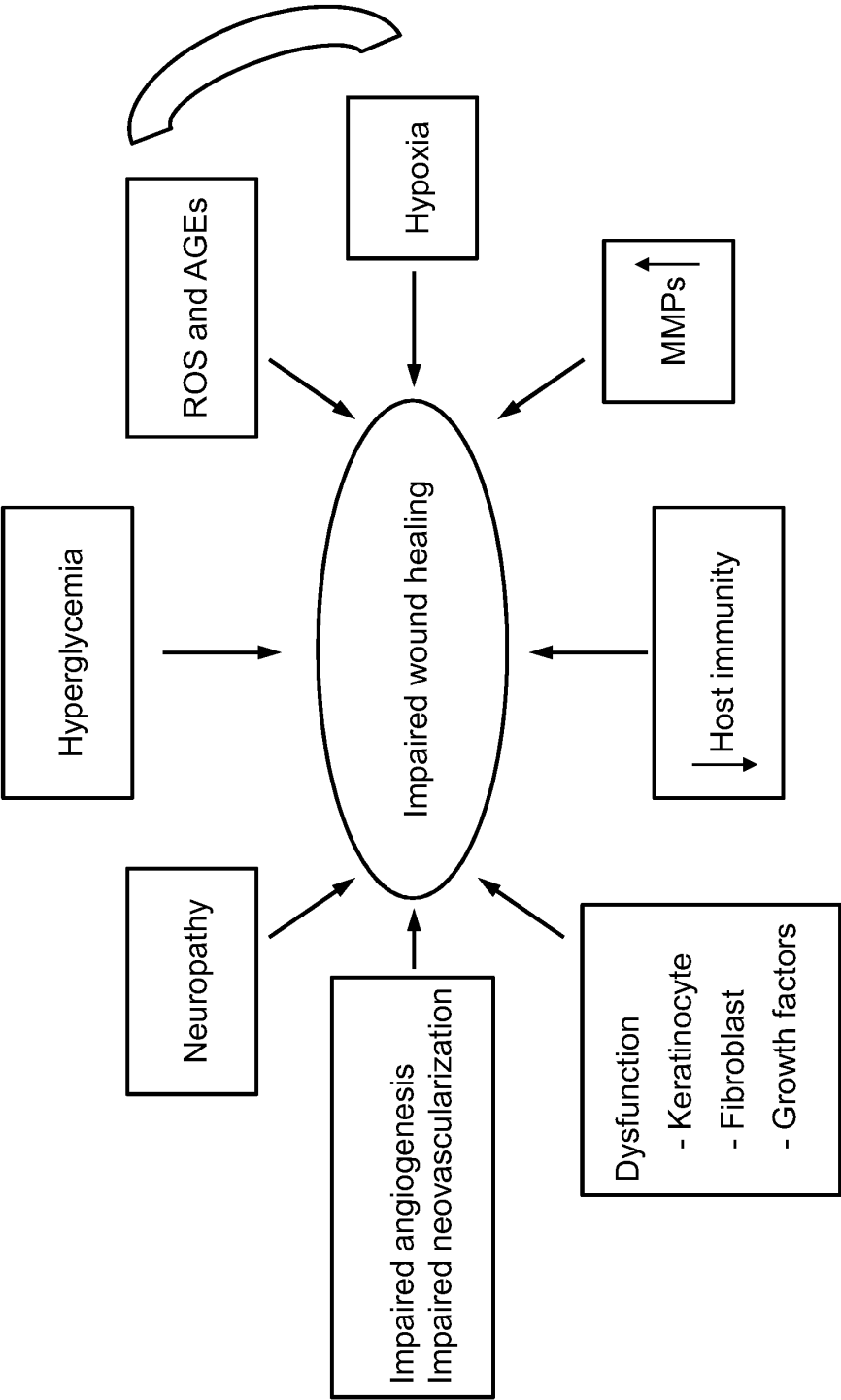


Fig. 12

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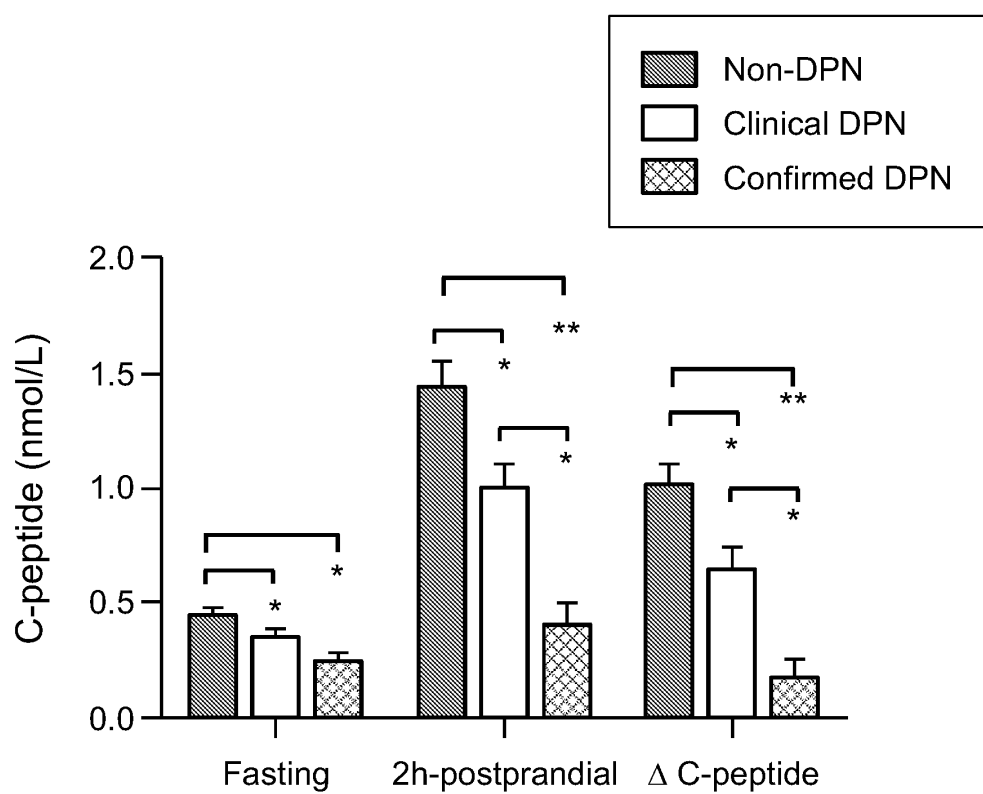


Fig. 13