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Biochemical Signaling

1 message

Google Forms <nobody@google.com>
To: grossoehmen2@mailbox.winthrop.edu

Mon, Oct 24, 2016 at 1:53 PM

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Here's what we got from you:

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Biochemical Signaling

Your email address (grossoehmen2@mailbox.winthrop.edu) was recorded when you submitted this form.

What is required on the outside of a cell for an endocrine hormone to trigger a cellular response?

Match the hormone with the type of pancreatic cell that secretes it.

	alpha	beta	delta
glucagon	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
insulin	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
soatostatin	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Match the hormone with the physiological trigger

low blood glucose high blood glucose

glucagon	<input checked="" type="radio"/>	<input type="radio"/>
insulin	<input type="radio"/>	<input checked="" type="radio"/>

Match the hormone with the physiological response. Each hormone may have more than one answer.

	glucagon	insulin
begins energy storage	<input type="radio"/>	<input checked="" type="radio"/>
glycogen breakdown	<input checked="" type="radio"/>	<input type="radio"/>
glycogen synthesis	<input type="radio"/>	<input checked="" type="radio"/>
releases fatty acids from adipose tissue	<input checked="" type="radio"/>	<input type="radio"/>

What is the most famous adrenal hormone?

adrenaline or epinephrine

Overproduction of which hormone can result in gigantism?

human growth hormone

The insulin receptor is an example of a _____

- GPCR
- RTK
- rtPCR
- ABCBBD
- WWGD
- WWE
- UFC
- NFL
- NFC
- NCAA
- OK, I'm done.

The G protein of GPCRs catalyze what reaction?**Which of these are NOT activated by a GPCR?**

- Adenylate Cyclase
- Receptor Tyrosine Kinase
- Phospholipase C
- Protein Kinase C

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