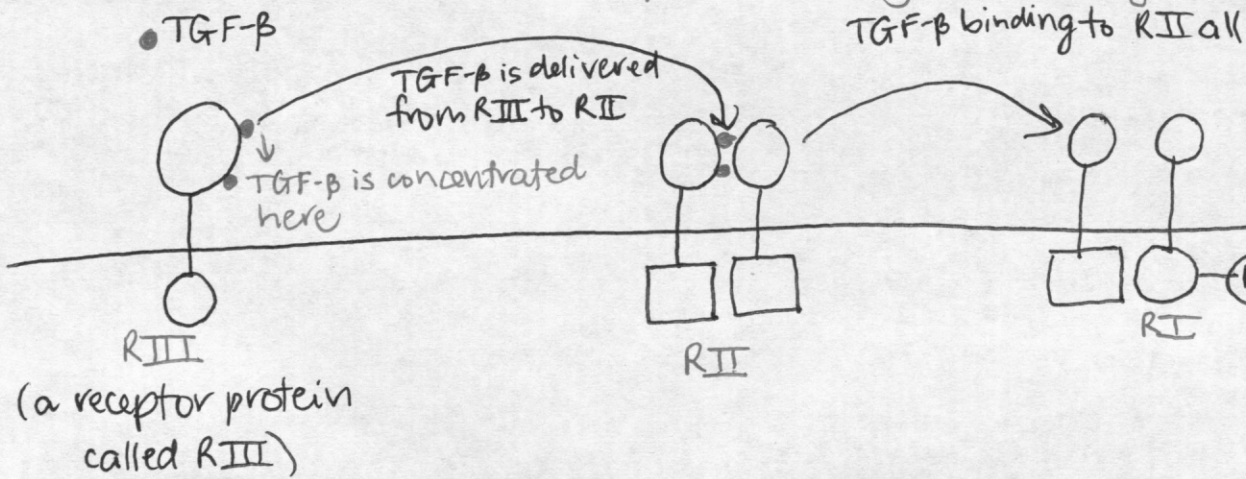


TGF β Signaling Pathway



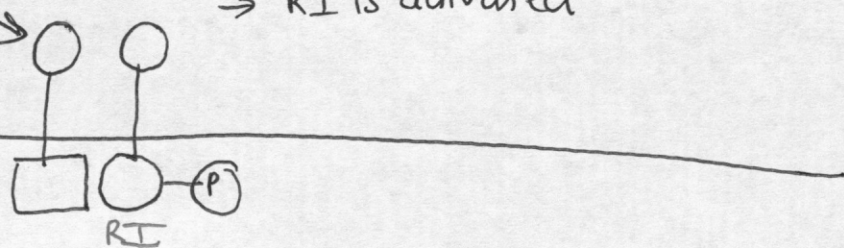
When RI is activated:

- RI phosphorylates a transcription factor called SMAD
- SMAD is normally in the cytoplasm
- When SMAD is phosphorylated by RI, SMAD dimerizes and acts as a transcription factor.

way

ng to RII allows RII to touch RI \rightarrow RI is phosphorylated

\rightarrow RI is activated



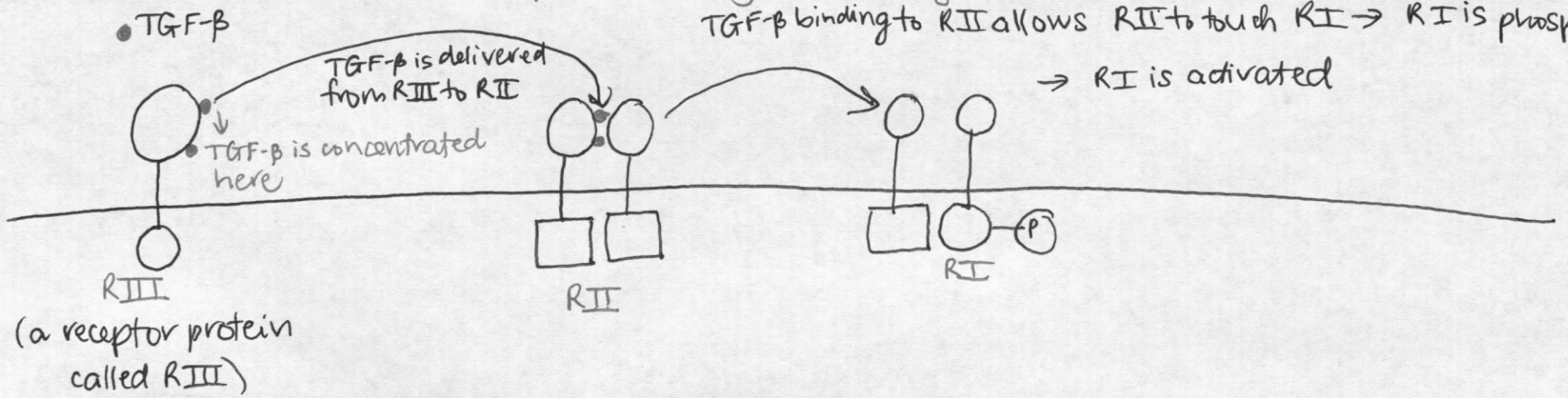
or called SMAD

, SMAD goes into the nucleus

TGF β Signaling Pathway

TGF β binding to RII allows RII to touch RI \rightarrow RI is phosphorylated

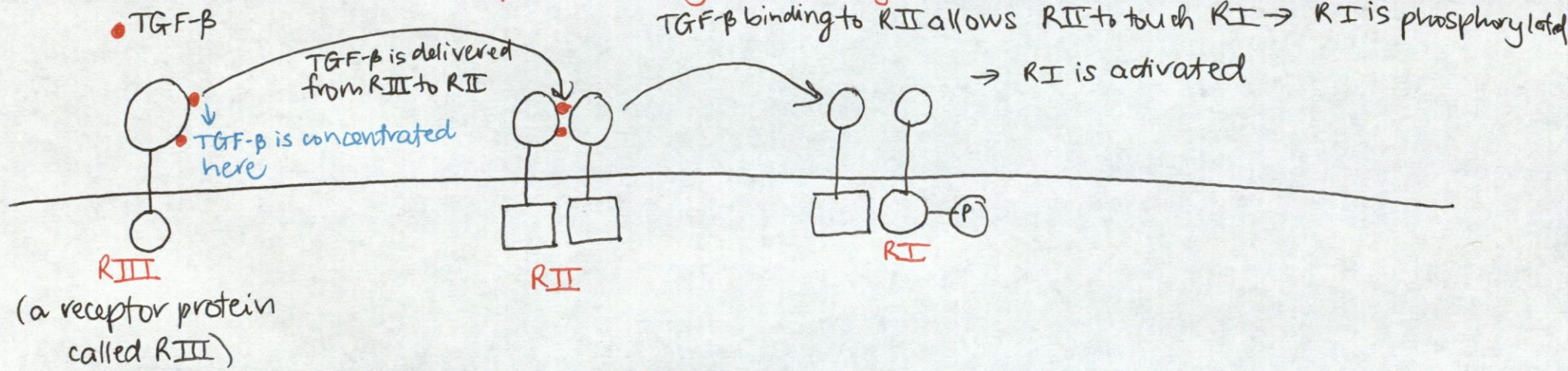
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TGF β Signaling Pathway



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