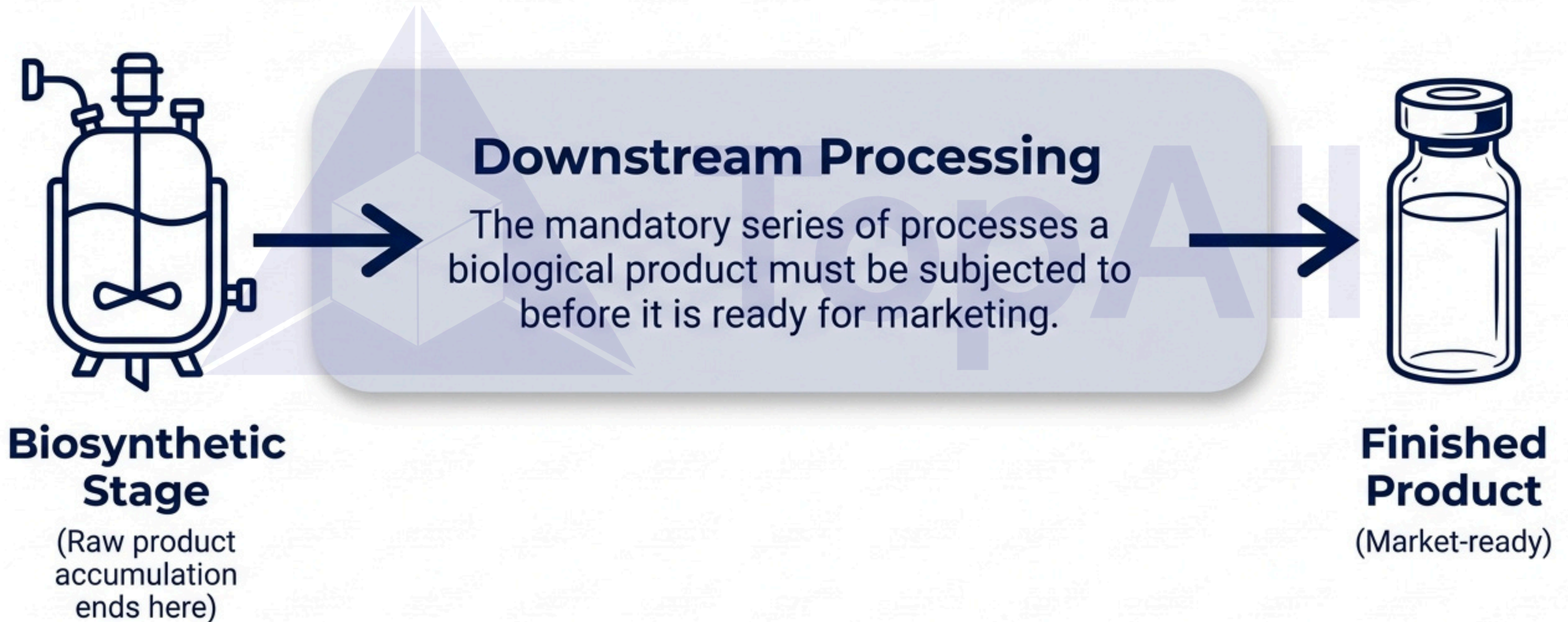
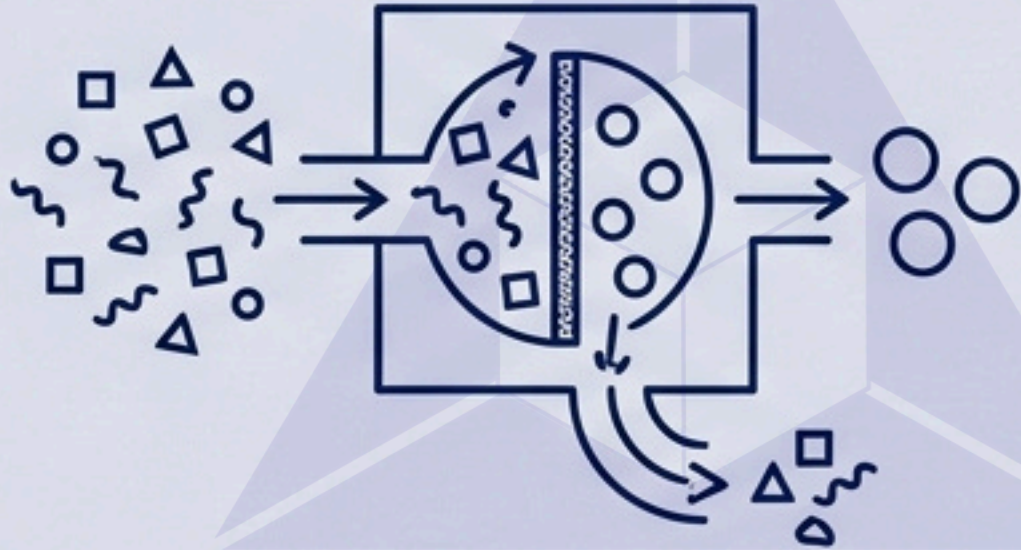


Downstream Processing: The Bridge to Market



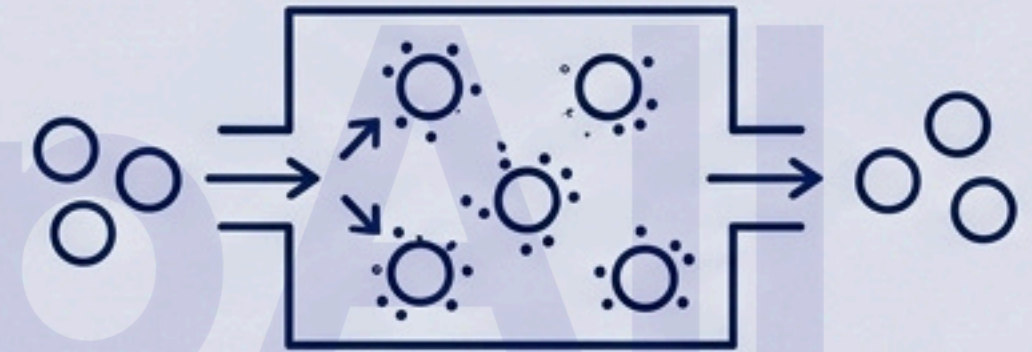
Phase I: Separation & Purification

1. Product Separation



Isolating the target product from the raw cellular broth.

2. Product Purification



Stripping away micro-impurities to yield a highly pure, functional biological product.

Note: These two steps are collectively the core of downstream processing.

Phase II: Formulation



Purified Product
(Biologically active
but highly unstable on
its own)



+ Suitable Preservatives
(Chemical agents added
to prevent degradation
and contamination)



= Stable Formulation
(A product capable of
surviving transport and
shelf-life)



You've Learned the Theory. Let's Test Them Now.

$$E=mc^2$$



Turn theory into marks with **unlimited MCQs, smart analysis, and focused revision.**

Practice Now



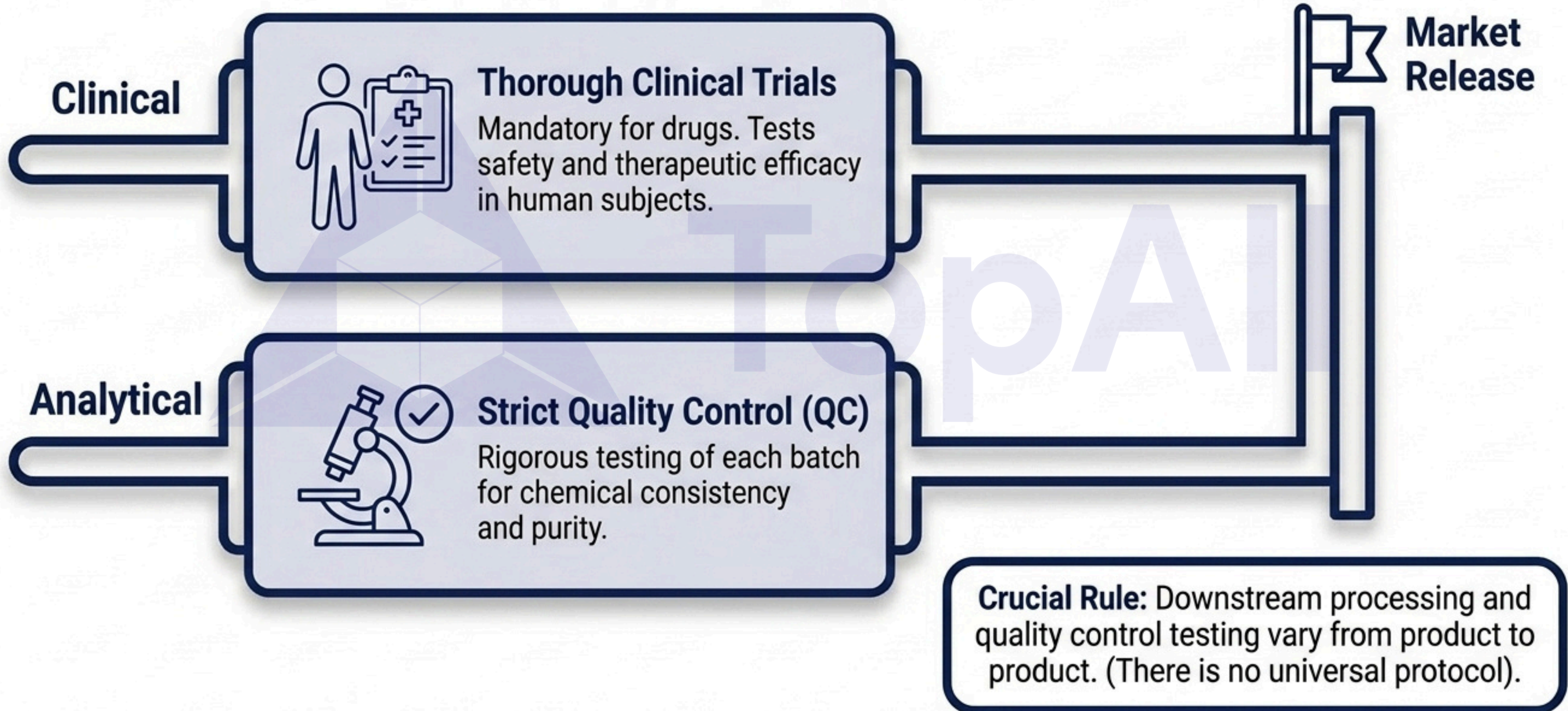
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- » Get Clear Explanations, Not Just Marks
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Phase III: Validation & Quality Control



NEET Key Takeaway: The Complete DSP Pipeline





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