

COSBI LAB
How to Model 1
Components



Component Definition

```
graph TD; A[Component Definition] --> B[Dynamic Definition]; B --> C[Parameter Quantification]; C --> D[Simulations]; D --> E[Visualization];
```

Dynamic Definition

Parameter Quantification

Simulations

Visualization

Component Definition

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graph TD; A[Component Definition] --> B[Dynamic Definition]; B --> C[Parameter Quantification]; C --> D[Simulations]; D --> E[Visualization];
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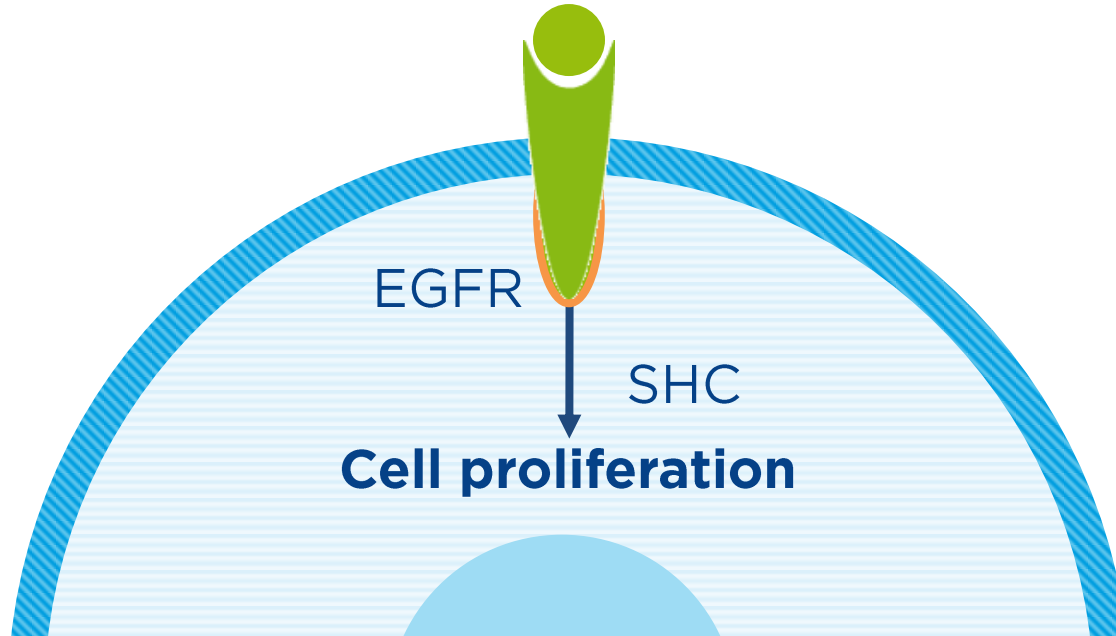
Dynamic Definition

Parameter Quantification

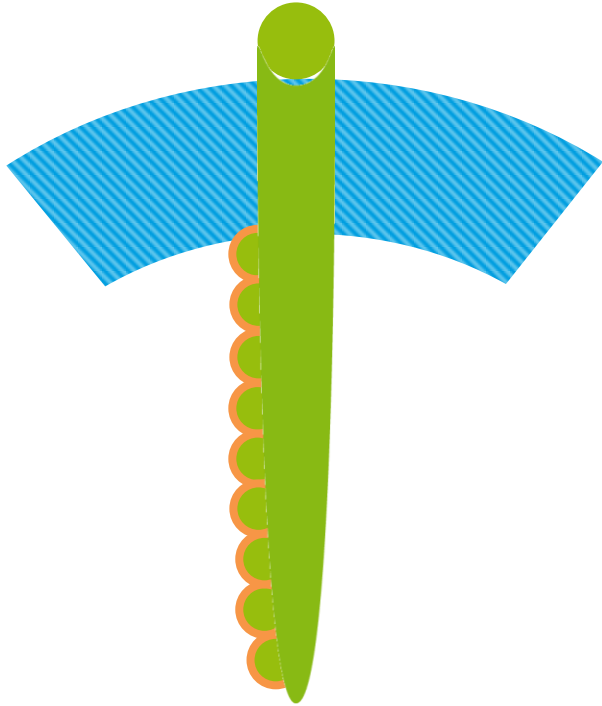
Simulations

Visualization

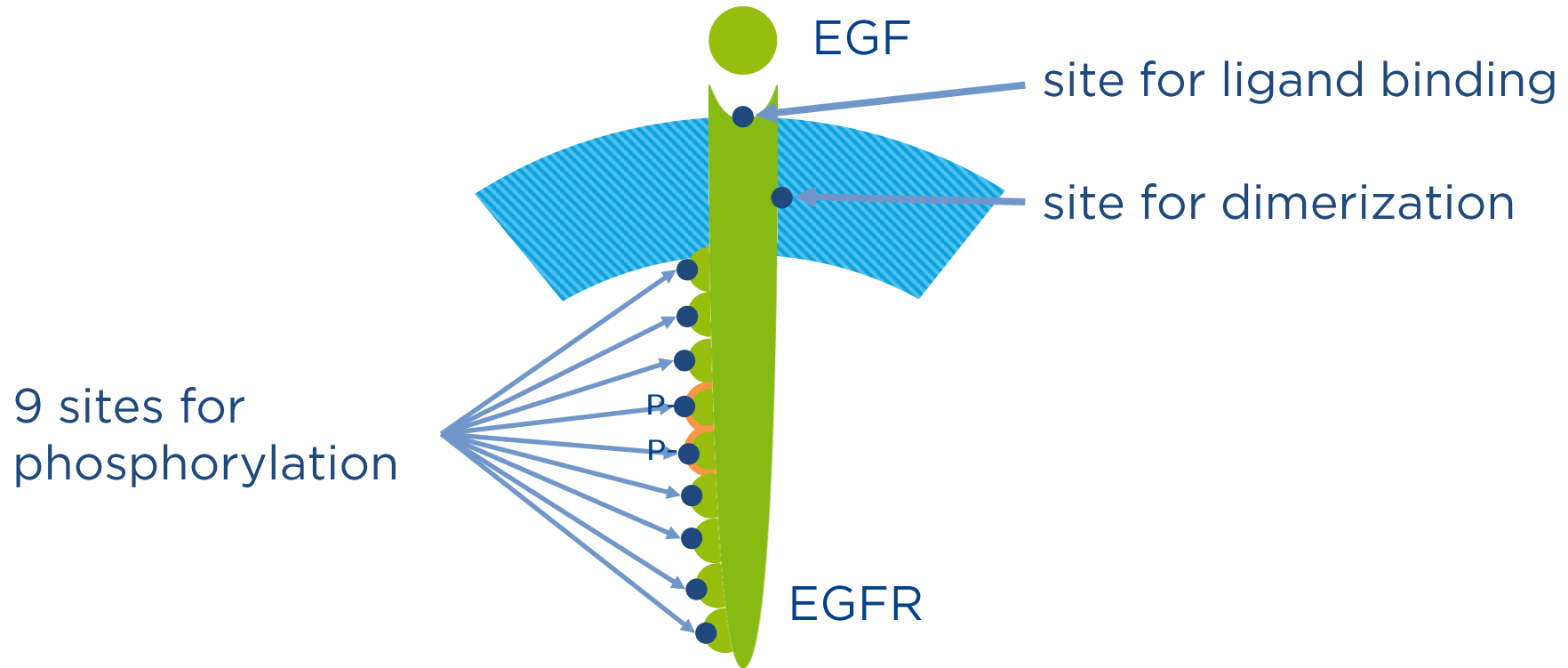
EGFR Receptor

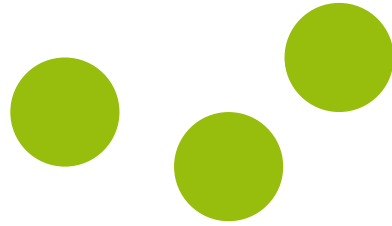


EGFR Molecule Configurations



EGFR Molecule in COSBI LAB





Epidermal Growth Factor
(EGF)



Epidermal Growth Factor Receptor
(EGFR)

COSBI LAB

- Offers one to one relationship between components in Model and biological entities

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- No special knowledge in mathematics

COSBI LAB

- Offers one to one relationship between components in Model and biological entities
- No special knowledge in mathematics
- No programming skills

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