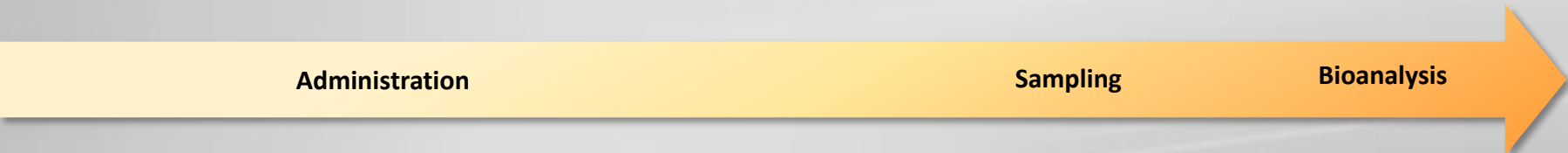
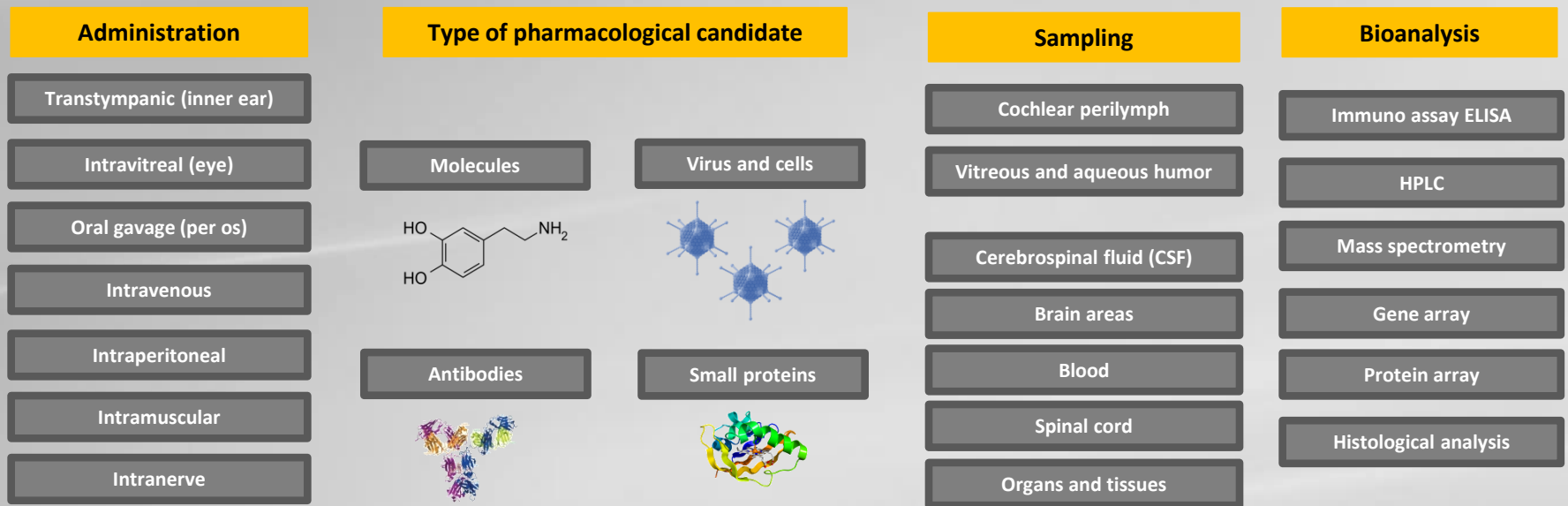


# Pharmacokinetics studies



Pharmacokinetic studies attempt to analyze chemical metabolism and to discover the fate of a chemical from the moment that it is administered up to the point at which it is completely eliminated from the body.

Pharmacokinetic study allows to determine if the new pharmacological candidate hits the tissue target and how much time the molecule remains in the tissue. PK study is a mandatory step for the development of efficacy studies increasing the potential success of the new drug.



## Example: Pharmacokinetic study of chemotherapy cisplatin

C57BL/J mice  
Male  
2 months old  
n = 3 mice by time point  
Single IP infusion of cisplatin at 13 mg/kg

