

- Organization "B" has data pool and previously trained ML models that can be executed with FHE
- "B" sends all models to untrusted server
- Organization "A" selects pharmacokinetic property of interest
- Generate a key pair, one private only known to "A", one public used to compute the prediction
- "A" encrypts molecule with private key
- "A" sends public key and encrypted molecule to untrusted server
- On untrusted server: prediction is computed with encrypted molecule and ML model from "B"
- The encrypted prediction is sent back to "A"
- Only "A" can decrypt the result of the prediction with private key



