



	Technical Development Stages
The same	$\begin{array}{c} \text{Research} \longrightarrow \begin{array}{c} \text{Proof of} \\ \text{Concept} \end{array} \longrightarrow \begin{array}{c} \text{Clinical} \longrightarrow \begin{array}{c} \text{Approval/Marketing} \end{array}$
The Case	ICH



## ADVANCED WORKSHOP : REVIEW OF DRUG DEVELOPMENT IN CLINICAL TRIALS





## ADVANCED WORKSHOP : REVIEW OF DRUG DEVELOPMENT IN CLINICAL TRIALS























![](_page_8_Figure_3.jpeg)

Weeks		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week9
Cohort 1	Α	5 mg			50 mg			Plac		
	в	5 mg			Plac			400 mg		
	С	Plac			50 mg			400 mg		
Cohort 2	Α		10 mg			100 mg			Plac	
	в		10 mg			Plac			800 mg	
	С		Plac			100 mg			800 mg	
Cohort 3	Α			20 mg			200 mg			Plac
	в			20 mg			Plac			1600 mg
	С			Plac			200mg			1600 mg
andomized	l, doub	le blind, in	terleaved,	ascending	dose stud	dy with pla	cebo subs	titution in	36 health	y volunteer

![](_page_9_Figure_3.jpeg)

The Spectrum of "POC"
Proof of Commercialization Proof of Mechanism Proof of Target*
Proof of Target Modulation
<u>IC</u> H

![](_page_10_Figure_3.jpeg)

## ADVANCED WORKSHOP : REVIEW OF DRUG DEVELOPMENT IN CLINICAL TRIALS

![](_page_11_Figure_2.jpeg)