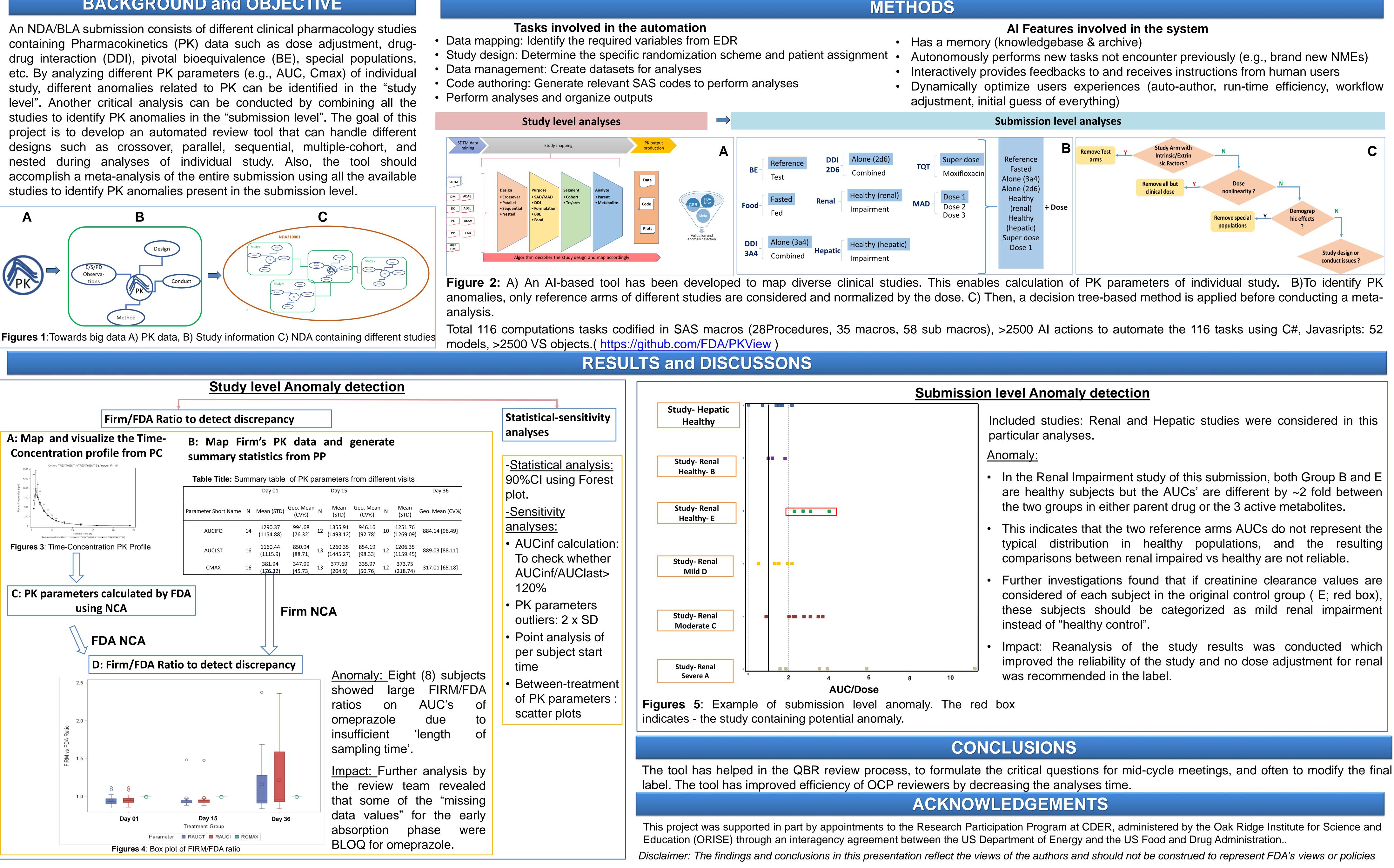
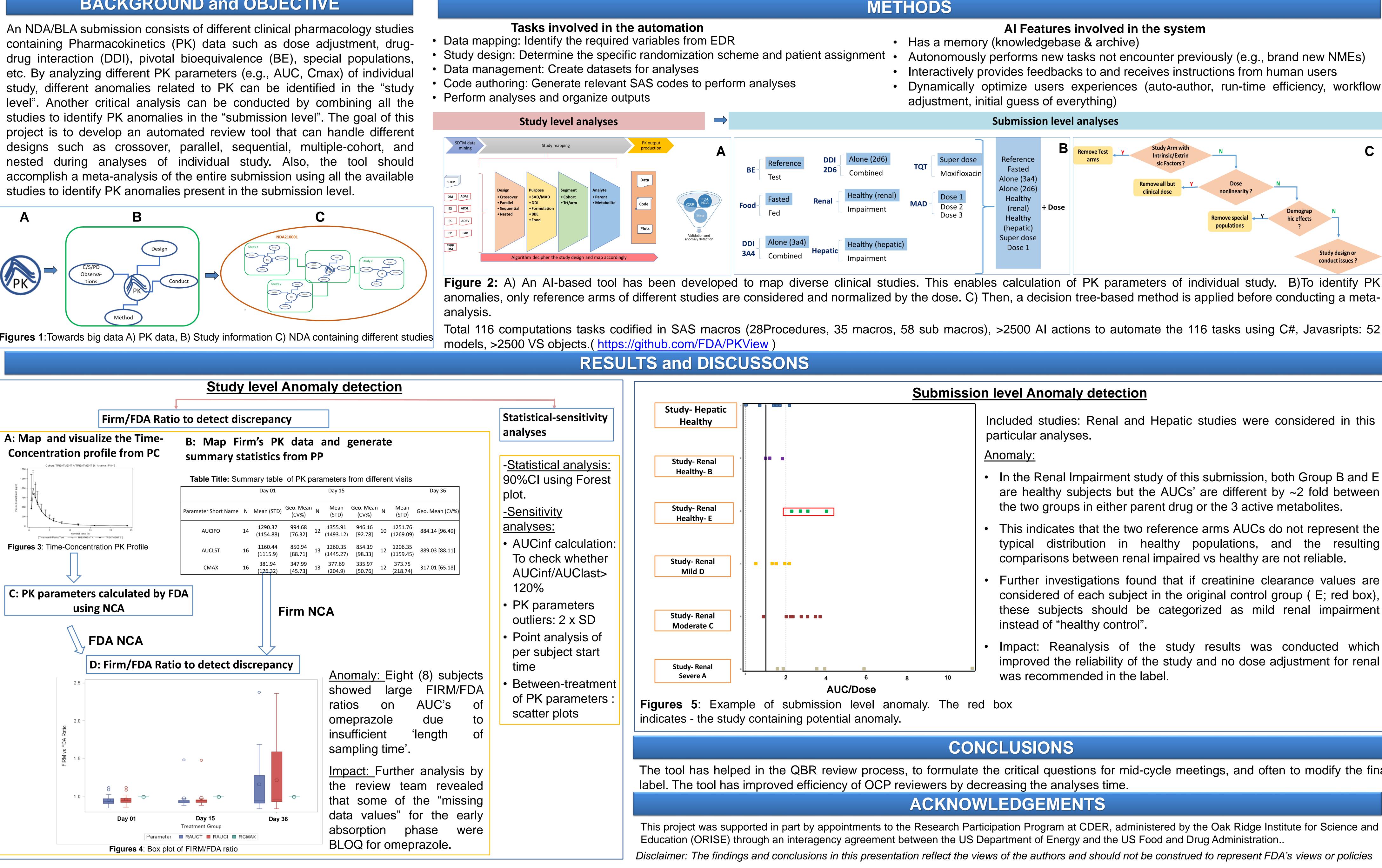
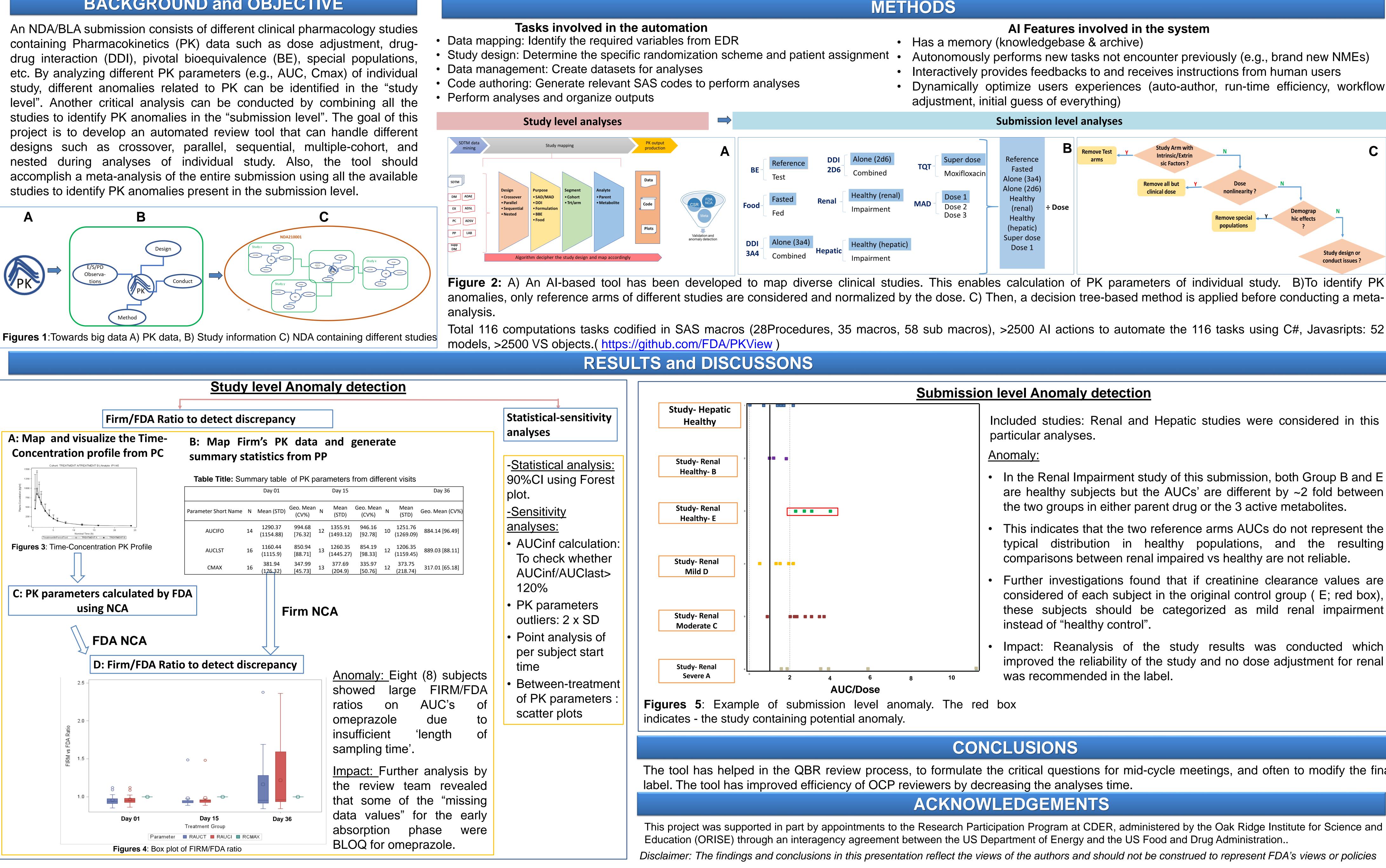
## FDA U.S. FOOD & DRUG ADMINISTRATION

### **BACKGROUND** and **OBJECTIVE**







# An Automated AI Tool for the Analyses of Phase I, II, III Clinical Trials to Identify Pharmacokinetics Anomaly

Md Nayeem Hossain, Gunjan Gugale, Le Wang, Peter Lee.

Office of Clinical Pharmacology, Food and Drug Administration

### METHODS

SSO	NS

Submission level Anomaly detection	
	Included studies: Renal an particular analyses.
	<u>Anomaly:</u>
	<ul> <li>In the Renal Impairment s are healthy subjects but the two groups in either p</li> </ul>
	<ul> <li>This indicates that the two typical distribution in comparisons between rer</li> </ul>
	<ul> <li>Further investigations for considered of each subjects these subjects should instead of "healthy contro</li> </ul>
	<ul> <li>Impact: Reanalysis of improved the reliability of was recommended in the</li> </ul>
2 4 6 8 10 AUC/Dose	was recommended in the
e of submission level anomaly. The recontaining potential anomaly.	ed box