## B. Significance

## stration a critical tool is biumadical research and clinical care 8.1 Drug all

A critical capability is the Infusion of deaps, loades, responsiblesticated and other Socherscope. Reducts choose advectedate toth for race an organity resolut poor its with descrip of deguidecut transport, and knowled reacts reader of hartan disease in 1995. It relies up, and rise are coal is another recard in Re-US constituting WPL of all information anomals, the magazity of aducts anon more. Many record diago, such as lostages, sHMA, paptition, and prodi restancian, require gancial desirg regiments'. Current administration technologies are multi-tent, reculing in mathematic work amongs and potential for recoal thangain. Only one a 10.000 deg candidates seconduly attains 70A approad? Regal evaluation of officiery, callely and toach a mice is now provide with our fully automated, established provided drug dearing apatem

8.3 Fee and imperfect administration technologies for research animals

There is a designificantly around read for cost-affective and advanced advance/ration technologies for small generals, capable of automated cheves, doing our a ante cauge of doing sugments, especially is large scale challes regardly reproved anothing escenarial producted, and automation. Manual administration (org.

pleasances, property and requires repeated furniting and a result takets to startident doing! The accounted solution of start "while cost effects/ may recall in anticologie changes is physiologic parameters concertifiations of conferentierone, glacone, ground features, or probably, head rate, blood precision, and halvanter?" Mildle chronic density is precided using a realize dream releases pump and calledge follow attactiond to the localy one an anglestical post, the latture process right of othering and estandament " Associated deserved sequences include decrement exploration actualy increased cherochysiss, appreciate and prevailably, and alternal stress, how are suggesting " 11.1. The samallady of administration to drives, and environmental factors is and decommented. industry raterality ratings and anitolation pumps.



COMPANY N. space in the

Fee inglatight pargs as available to shall available Fig. 1. The

provides constant, usingle from one defining it a compact pill des participat. This others is broked 117 months and from one cannot be changed. The second particulat party of the provides some electronic control of drug behaving defined programment maps. The lates, and observe for definition and is collected. However, for party to his large for many, is always (W issuer when drug is not needed), and has only 5 much hadney its Prophed and hallony levelations we excelled risky surgest regime erand of purposity denses, denses, liked imports shally cannot be appreheatinged for group boundary, sendimental desire, and batch leading

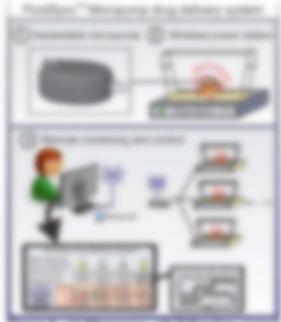
8.3 Dutcomes improved is animal studies using televatry

Radiobalenality and for manifoling physiological parameters in identity arised," relates then ident is acquishes of resourcements" " and allowates company." Internets allows teduction if one if analogit? 7 and 34 hear data collection address artificial analysis interactions" forming instantion on improvement of shally subcomes and around welfare are paired with anders implactable places systems. Adversated attrates authorities of multiple animals allows for lights throughput compared to influence administration.

## Instanglist

The Fleatings " ment obtains purp tunion is he first and only attention and rather the adversionation aparent to room Fig. 7. that elabor is a groupt elegation where a rangement of implacement microgeorge are remotely controlled from a single computing angeligen Und coarts are granted reconstribute in accelerate and inducity also tead to control external experimental variables and later costs, meanings influction right, manage drug tasking with accurate dening reduce repeated implant corporate, and adjust drong or-deright to lock in the rights drog regiment cash a successful particul

The specific leadures that enable out president system are (7) the preserve and high accuracy in the structure decision.



division decoderers office a range Surgery of the local division of the local d controller profer the case on comme scaling parties in the same range. (2) they control dening could be a service to advance the face