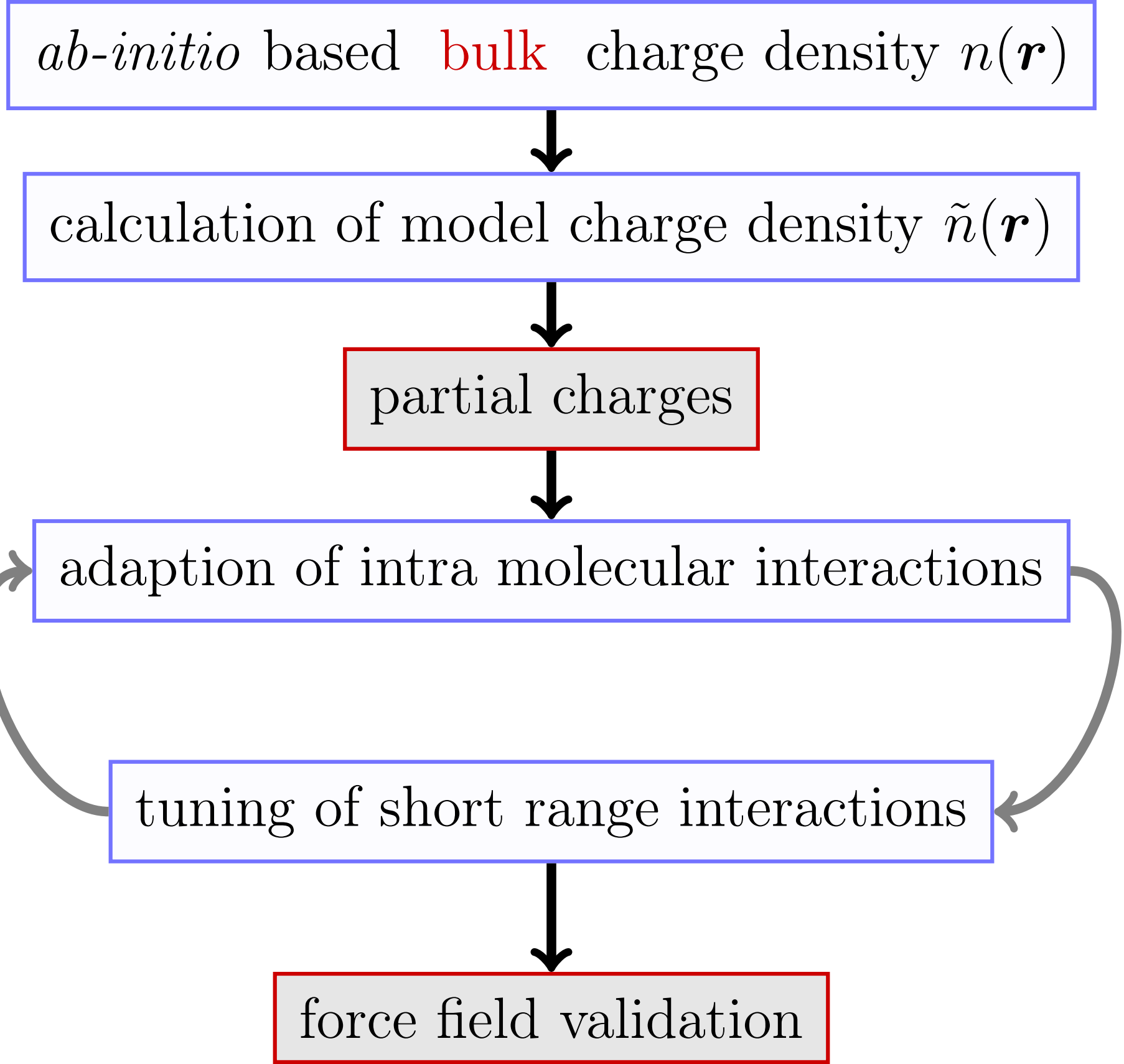
ab-initio based bulk charge density $n(\boldsymbol{r})$
calculation of model charge density $\tilde{n}(\boldsymbol{r})$
partial charges
adaption of intra molecular interactions
tuning of short range interactions
force field validation