

## CHAPTER II

### OBJECTIVES



The objectives of the study are :

1. To find whether there is an emergence of a spontaneous-ciprofloxacin resistant *Vibrio parahaemolyticus*.
2. To find and compare a mutation in *gyrA* and *parC* QRDR among ciprofloxacin resistant *Vibrio parahaemolyticus* from environmental, clinical isolates and laboratory induced isolates.

ศูนย์วิทยทรัพยากร  
จุฬาลงกรณ์มหาวิทยาลัย