

### Sample collection



### Screening on Impranil DLN-SD

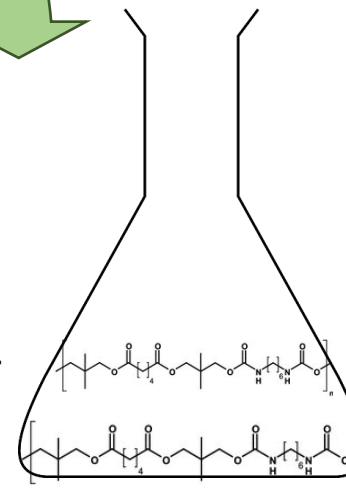


### Screening on long-chain alkanes

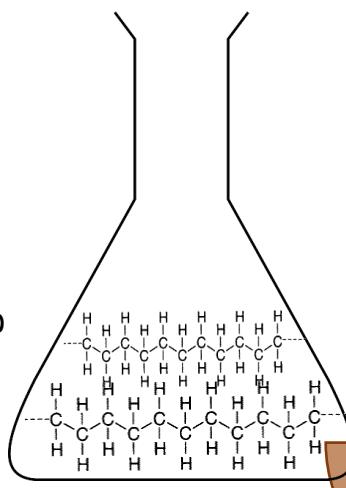


### Enzyme induction

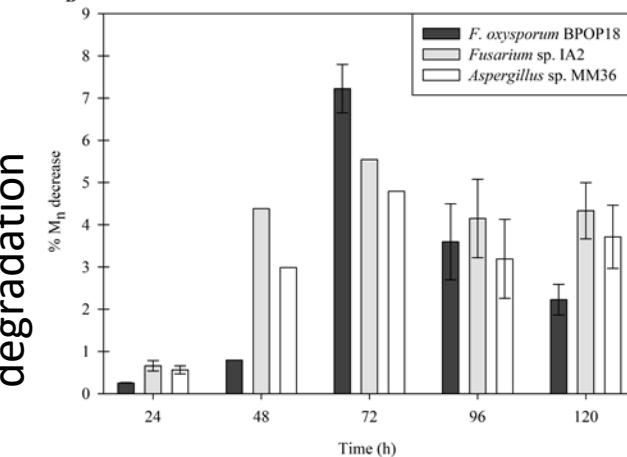
#### Impranil DLN-SD



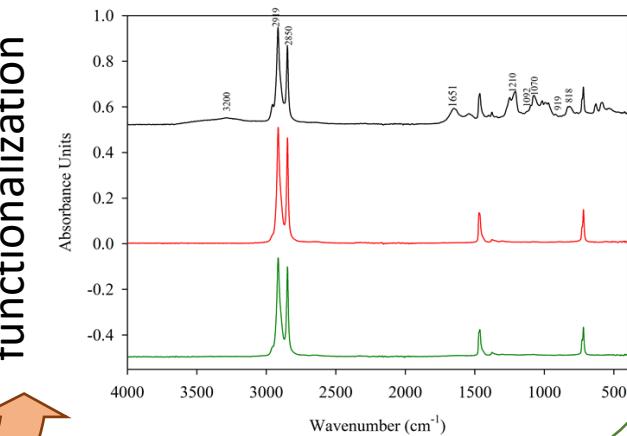
#### Long-chain Alkanes



### Secretome utilization for recalcitrant polymer degradation



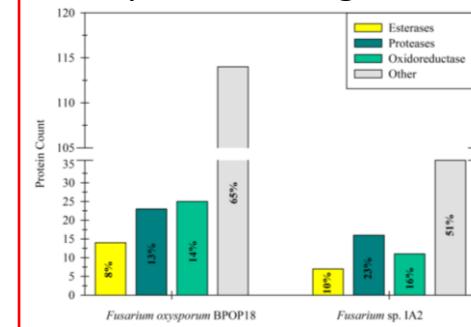
#### Ether-based PU degradation



#### LDPE functionalization

### Secreted protein identification

#### PU potential degraders



#### LDPE potential degraders

