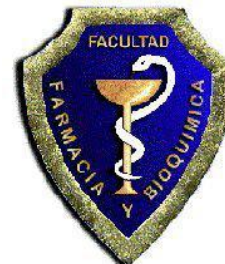




UNIVERSIDAD NACIONAL MAYOR DE SAN MARCOS
(Universidad del Perú, Decana de América)



FACULTY OF PHARMACY AND BIOCHEMISTRY

HIGH VALUE-ADDED PRODUCTS USING MICROBIAL DIVERSITY

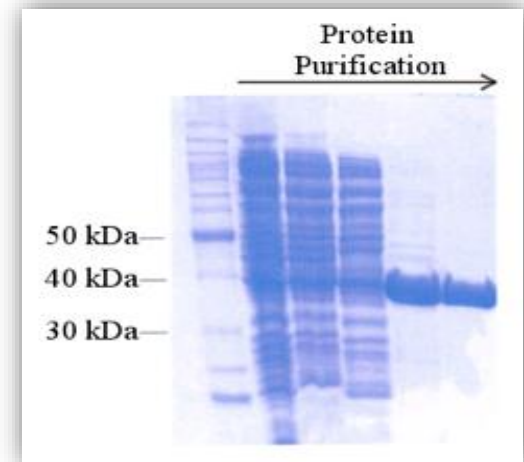
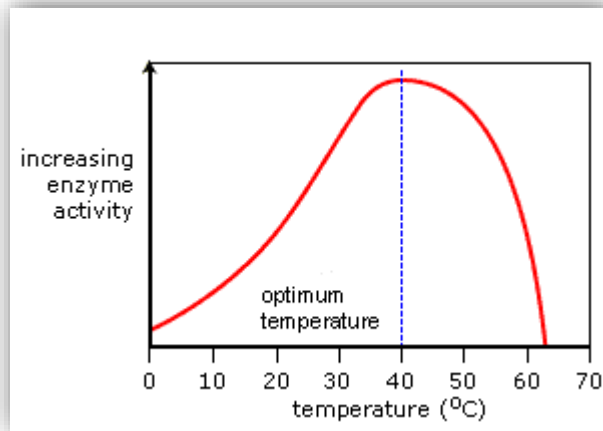
Prof. Amparo Zavaleta, MSc, PhD

Head
Microbial Biotechnology and Health
Research Group

Microorganisms from environmental samples



Production and characterization of enzymes



Applications

Microbial and enzymatic hydrolysis of by-products and underutilized proteins

Erythrina edulis



Bioactive peptides
(functional foods)

Lupinus mutabilis



Protein hydrolysates
(food supplements)

By-products



Free amino acids

Bio fertilizers