

RESEARCH TOPICS

List of Research topics in Biology

No.	Research topic	Lecturer
1	Study on biofuel production from microalgae	Assoc.Prof. Nguyen Thi Thu Lien
2	Study on secondary compounds production from algae cell biomass, plants and microorganisms	Assoc.Prof. Nguyen Thi Thu Lien Dr. Hoang Tan Quang
3	Study on microbiological fertilizer production from cell biomass, extracts of algae species, and microorganisms	Assoc.Prof. Nguyen Thi Thu Lien
4	Study on production of plant hormones	Assoc.Prof. Nguyen Thi Thu Lien
5	Study on harmful algae, algal toxins and influence of algal toxins on human health, animal and environment	Assoc.Prof. Nguyen Thi Thu Lien
6	Research on genetic diversity	Assoc.Prof. Truong Thi Hong Hai Dr. Hoang Tan Quang
7	Genetic mapping research and QTL analysis	Assoc.Prof. Truong Thi Hong Hai Dr. Hoang Tan Quang
8	Research on conservation, species distribution and biodiversity	Assoc.Prof. Truong Thi Hong Hai Dr. Hoang Tan Quang
9	Research and development of molecular marker and its application in breeding and molecular diagnostics	Assoc.Prof. Truong Thi Hong Hai Dr. Hoang Tan Quang
10	Expression of recombinant β -1,3-glucanase	Assoc. Prof. Tran Quoc Dung
11	Study on morphological variability and genetics	Assoc.Prof.Dr Tran Quoc Dung Dr. Hoang Tan Quang

12	Study on physiological traits of plants	Dr. Hoang Tan Quang
13	Gene sequencing and genomic analysis	Dr. Nguyen Hoang Bach
14	Identification of antigenic proteins from pathogenic microorganism	Dr. Nguyen Hoang Bach
15	Research and application of biotechnology in treatment of aquaculture wastewater, control of environment and aquatic epidemics, production of aquatic feeds	Dr. Le Cong Tuan
16	Research on production of recombinant protein/enzyme used in agriculture and environmental protection	Dr. Hoang Tan Quang Dr. Nguyen Duc Huy Dr. Nguyen Xuan Huy
17	Study on biological materials	Dr. Nguyen Thanh Tung
18	Research on isolation and culture of stem cells	Dr. Nguyen Thanh Tung
19	Study on disease mechanism on animal models	Dr. Nguyen Thanh Tung
20	Edible vaccine	Dr. Nguyen Xuan Huy
21	Production of recombinant protein from transgenic rice cell suspension culture	Dr. Nguyen Xuan Huy
22	RNAi technology to knock down genes coding effector of <i>Meloidogyne graminicola</i> in rice	Dr. Nguyen Xuan Huy
23	Application of biotechnology in development of biosensor and biomaterial to treat heavy metal-polluted water	Dr. Nguyen Thi Kim Cuc

24	Research and development of bioproduct against the fungus <i>Phytophthora</i> spp. on Thanh Tra pomelo	Dr. Nguyen Bao Hung
25	Study on bio-antagonism of <i>Aspergillus</i> sp. causing black mold wilt disease on peanuts (<i>Arachis hypogea</i>) in Quang Tri and Thua Thien Hue provinces	Dr. Nguyen Thi Thu Thuy
26	Application of biotechnology in production of polyvalent vaccine in preventing nervous necrosis and vibriosis in grouper	Dr. Nguyen Thi Kim Cuc
27	Research on production of organic fertilizers and microbial organic fertilizers	Assoc.Prof. Truong Thi Hong Hai
28	Effects of organic fertilizers on yield and quality of vegetables, fruit trees and short-term industrial plants	Assoc.Prof. Truong Thi Hong Hai
29	Application of biotechnology in breeding pepper resistant to <i>Phytophthora</i> fungi and nematodes in Vietnam	Assoc.Prof. Truong Thi Hong Hai
30	Research on breeding disease resistant varieties used in organic agricultural production	Assoc.Prof. Truong Thi Hong Hai
31	Application of herbs in aquaculture	Assoc.Prof. Nguyen Duy Quynh Tram
32	Research and application of biological products in aquaculture	Assoc.Prof. Nguyen Duy Quynh Tram
33	Research on conservation, exploitation and development of local specialty plant varieties	Dr. Nguyen Tien Long
34	Research on biological control of plant pests	Dr. Nguyen Tien Long

35	Application of gamma-ray mutagenesis technique combined with biotechnology to create nematode-resistant coffee varieties (<i>Coffea canephora</i>)	Dr. Nguyen Quang Co
36	Research and development of Bioproduct with high enzyme activity to prevent disease-causing nematodes on coffee plant in the Central region	Dr. Nguyen Quang Co
37	Research and develop some potential medicinal plants	Dr. Nguyen Quang Co
38	The relationship of physicochemical properties of soil, soil nutrition with growth, development, yield of medicinal plants	Dr. Nguyen Ho Lam
39	Bioactive compounds from plants	Dr. Nguyen Van Hue