



Governo do Estado do Rio de Janeiro
 Secretaria de Estado de Ciência e Tecnologia
 Universidade Estadual do Norte Fluminense Darcy Ribeiro
 Pós-Graduação em Biotecnologia Vegetal

ANNEX 2

RESEARCH LINES AND TOPICS OF THE GRADUATE PROGRAM IN PLANT BIOTECHNOLOGY

RESEARCH LINE	RESEARCH TOPIC	FACULTY MEMBER	POSITIONS	
			MS	DS
Integrative Biology: Genomics, Proteomics, Metabolomics, and Bioinformatics	Biotechnology Applied to Sustainable Production	Gonçalo Apolinário de Souza Filho	1	2
	Biotechnological strategies applied to the study of plant growth, development, and propagation	Vanildo Silveira	1	1
	Genomics and bioinformatics applied to plant biotechnology and plant growth-promoting bacteria	Thiago Motta Venâncio	2	1
	Plant genomics and epigenetics	Clicia Grativol Gaspar de Mattos	1	1
	Bioprospectomics and metabolic engineering for biotechnological innovation	Felipe Astolpho Almeida	2	0
	Molecular and biochemical mechanisms of tolerance to abiotic stresses	Vitor Batista Pinto	1	0
Biotechnology applied to agriculture and the environment	Plant breeding for adaptation to abiotic stresses	Antônio T. do Amaral Júnior	0	1
	Physiological and biochemical bases applied to the study of in vitro propagation of tree species	Claudete Santa Catarina	0	2
	Mechanisms of action of plant biostimulants	Daniel Basílio Zandonadi	1	0
	Structural and ecophysiological bases of the interaction between beneficial bacteria and plants	Fábio Lopes Olivares	1	0
Characterization of Plant Biodiversity and Bioprospecting of Bioactive Compounds	Structural and ecophysiological approach to Atlantic Forest plant species	Maura da Cunha	1	0
TOTAIS			11	08