

	Professor	SNII Level	Research line and topics of interest.
1	Dr. Cecilia Anaya Berríos	II	Organic chemistry, asymmetric catalysis, green asymmetric chemistry, conformational analysis
2	Dr. Sergio Alberto Bernal Chávez	I	Non-conventional pharmaceutical products' development, characterization and evaluation. Application of class II and class IV pharmaceuticals with transdermic, dermic, ocular, rectal and vaginal applications for chronic-degenerative diseases. Use of nanotechnology for development, characterization and evaluation of cosmetic products.
3	Dr. Lucila Isabel Castro Pastrana	I	Pharmacy surveillance, Eco-pharmacy surveillance. Study of prescription and usage patterns of drugs in hospitals. Identification of genetic markers associated to drug response variability. Study of strategies for the amelioration of antimicrobials hospital resistance.
4	Dr. Mónica Cerro López	I	Development of nanostructured nanomaterials based on metallic oxides and carbon derivatives with electrocatalytic and photocatalytic activity for application as biosensors. Study of catalytic processes to be used as water contaminant chelates.
5	Dr. Felipe Córdova Lozano	I	Development of nanomaterials for organic and inorganic removal of residual water contaminants. Synthesis of nanofibers of polymeric materials and nano catalysts based on nanoparticles and nanofibers of metal oxides doped with different elements for Redox reactions of organic compounds.
6	Dr. Luis Ricardo Hernández	II	Chemistry of plant derived natural compounds, biologic activity of secondary metabolites of plants, micro- and nano-encapsulation of active metabolites.
7	Dr. Laura Marissa Islas Romero	C	Nutrition and Biotechnology, study of organisms with probiotic activity and antimicrobial agents used for the treatment of gastrointestinal and chronic-degenerative diseases.
8	Dr. Aura Matilde Jiménez Garduño	I	Biophysics of immune system cells, study of neutrophils during chronic inflammation in chronic-degenerative diseases and study of oxidative status and its effects on immune cells and ion channels.
9	Dr. José Daniel Lozada Ramírez	I	Obtention and stabilization of bioactive substances. Obtention and application of microbial enzymes for biotechnological purposes.
10	Dr. Miguel Ángel Méndez Rojas	III	Nanoscience and nanotechnology with biomedical application (Nanomedicine). Synthesis, characterization and evaluation of nanomaterials for biomedical applications (controlled drug delivery, medical image acquisition, biosensors, etc). Evaluation of toxic interaction between nanomaterials and biological systems with medical and environmental interest.
11	Dr. Erika Palacios Rosas	I	Rational use and security of drugs and proper medical indications. Evaluation of different pharmacological responses and its association with psychosocial therapeutic challenges. Non- communicable diseases, life and health quality of vulnerable populations.

12	Dr. Laura Verónica Plá		Immunohematology markers associated to different pathologies. Preparation of platelet growth factor enriched plasma (PRP) for physiotherapy.
13	Dr. Eugenio Sánchez Arreola		Obtention and identification of natural compounds with biological activities.