

CONCENTRATION AREA
APPLIED SURGICAL SURGICAL RESEARCH

ONGOING PROJECT	LINE OF RESEARCH
VASCULAR AND CAVERNOSIS BRAIN MALFORMATIONS. CLINICAL INTERVENTIONS AND GENETIC MAPPING AND IDENTIFICATION OF THE RESPONSIBLE GENE IN THE BRAZILIAN POPULATION	TISSUE AND ORGANIC DYSFUNCTIONS IN SURGERY
HEMOSTATIC AND INFLAMMATION MARKERS IN THE CENTRAL AND PERIPHERAL VENOUS AND ARTERIAL SYSTEM	CELLULAR AND MOLECULAR BIOLOGY IN TRANSLATIONAL SURGERY
CHANGES RELATED TO DEGENERATION AND CEREBRAL SYNAPTICAL TRANSMISSION	TISSUE AND ORGANIC DYSFUNCTIONS IN SURGERY
PHYSIOPATHOLOGICAL CHANGES IN SKIN AND VISCERAL REGENERATION DEALING WITH NEW THERAPEUTIC PROPOSALS	TISSUE AND ORGANIC DYSFUNCTIONS IN SURGERY
CUTANEOUS ANALYSIS AFTER USE OF MESENQUIMAL CELL OF VASCULAR STROMAL FRACTION OF ADIPOSE TISSUE	CELLULAR AND MOLECULAR BIOLOGY IN TRANSLATIONAL SURGERY
CHARACTERIZATION OF THE PROGENITOR CELLS MIGRATION AND GENESIS OF CEREBRAL TUMORS	CELLULAR AND MOLECULAR BIOLOGY IN TRANSLATIONAL SURGERY
NUTRITIONAL ASPECTS OF PATIENTS WITH POLYMORPHISMS IN GENES ASSOCIATED WITH ENDOMETRIOSIS DEVELOPMENT	CELLULAR AND MOLECULAR BIOLOGY IN TRANSLATIONAL SURGERY
GUIDELINES FOR THE TRACKING AND OPHTHALMOLOGICAL FOLLOW-UP OF PATIENTS WITH INTESTINAL INFLAMMATORY DISEASE	EYE, HEARING AND NOSE DISORDERS IN SURGERY
EFFECTS OF MAGNESIUM SULFATE ON THE PHARMACODYNAMICS OF ROCURON IN ELDERLY PATIENT	DRUGS FOR TRANSLATIONAL ANESTHETIC AND SURGICAL PROCEDURES
SURVEY OF THE HEMODYNAMIC EFFECTS OF ANESTHETIC DRUGS, WITH MONITORING PARAMETERS IN SURGICAL PROCEDURES	DRUGS FOR TRANSLATIONAL ANESTHETIC AND SURGICAL PROCEDURES
EXPRESSION OF MMP-2 AND TIMP-2 AND METILATION OF TIMP-2 GENE IN EARLY INVASIVE UTERINE CERVIX CARCINOMA AND VULVAR ESCLEROTIC LICHEN	CELLULAR AND MOLECULAR BIOLOGY IN TRANSLATIONAL SURGERY
GROWTH FACTORS AND MITOGEN AGENTS ASSOCIATED WITH GASTROINTESTINAL NEOPLASMS AND HEPATIC REGENERATIONS	CELLULAR AND MOLECULAR BIOLOGY IN TRANSLATIONAL SURGERY
FACIAL CRANIAL MALFORMATIONS AND GENETIC ALTERATIONS IN THE BRAZILIAN POPULATION	TISSUE AND ORGANIC DYSFUNCTIONS IN SURGERY
PALONOSETRON IN THE PROFILAXIS OF POSTOPERATIVE NAUSEA AND VOMITING IN OBESE PATIENTS SUBMITTED TO BREAST SURGERY	DRUGS FOR TRANSLATIONAL ANESTHETIC AND SURGICAL PROCEDURES
PRESENCE OF P16INK4A AND HPV METILATION IN LOW-GRADE CERVICAL SQUAMOUS INTRA-EPITHELIAL LESIONS	CELLULAR AND MOLECULAR BIOLOGY IN TRANSLATIONAL SURGERY
PREVALENCE OF EYE MANIFESTATIONS IN THE PEDIATRIC AND ADOLESCENT POPULATION ACQUIRED BY THE TRANSMISSION OF HIV IN THE PERINATAL PERIOD	EYE, HEARING AND NOSE DISORDERS IN SURGERY
REPERCUSSIONS OF SYSTEMIC SCLEROSIS IN THE EVALUATION OF OCULAR CLINICAL CONDITIONS	EYE, HEARING AND NOSE DISORDERS IN SURGERY
RETICULATION OF CORNEAL COLLAGEN WITH ULTRAVIOLET RADIATION AND RIBOFLAVINA.	EYE, HEARING AND NOSE DISORDERS IN SURGERY
SYSTEMATIC REVIEW AND METHANALYSIS OF THE HYPOTHERMIC MACHINE OF PULSATILE PERFUSION IN THE RENAL TRANSPLANTATION	DEVELOPMENT AND TECHNOLOGICAL INCORPORATION IN TRANSLATIONAL SURGERY
TREATMENT OF VASOPROLIFERATIVE RETINAL INJURIES AND INFLAMMATORY MACULAR LESIONS	EYE, HEARING AND NOSE DISORDERS IN SURGERY
USE OF IMPLANTS, PROSTHESES AND PATCHES IN REPAIRING OR AESTHETIC TISSUE RECONSTRUCTIONS	TISSUE AND ORGANIC DYSFUNCTIONS IN SURGERY
USE OF NEW ENDOVASCULAR OR ABLATIVE TECHNOLOGIES IN CENTRAL AND PERIPHERAL VASCULAR INJURIES	DEVELOPMENT AND TECHNOLOGICAL INCORPORATION IN TRANSLATIONAL SURGERY
PREDICTIVE VARIABLES OF MORBI-MORTALITY WITH COMPUTATIONAL ANALYSIS IN HEPATIC DISEASES	DEVELOPMENT AND TECHNOLOGICAL INCORPORATION IN TRANSLATIONAL SURGERY

**CONCENTRATION AREA
EXPERIMENTAL SURGERY**

ONGOING PROJECT	LINE OF RESEARCH
AGONISTS AND MEDIATORS IN ACUTE PULMONARY LESIONS	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
EVALUATION OF OXIDATIVE STRESS IN INFLAMMATORY AND VISCERAL REPERFUSION INJURY	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
CHARACTERIZATION OF BIOLOGICAL MILIEU BY ULTRASSOM	DEVELOPMENT AND TECHNOLOGICAL INCORPORATION IN SURGERY
INTRAVENOUS SODIUM CEFTRIAXONE IN THE GENESIS OF INFLAMMATORY AND LITHIASIC DISEASE OF THE GALLBLADDER. A TRANSLATIONAL STUDY IN RABBITS.	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
DIVERSION COLITIS INDUCED BY DRUGS. BIOMOLECULAR AND IMMUNOHISTOCHEMICAL STUDIES	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
STEM CELLS IN THE TREATMENT OF DEGENERATIVE OSTEOARTHRITIS AND TISSUE INJURIES	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
DEVELOPMENT OF NEW ANESTHETIC AND ANALGESIC FORMULATIONS	DRUGS FOR ANESTHETIC AND SURGICAL PROCEDURES
EFFECT OF P2X7 RECEPTOR BLOCKING ON INFLAMMATORY AND OBSTRUCTIVE VASCULAR DISEASES	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
EFFECTS OF ANESTHETICS AND MICROCIRCULATORY SYSTEMIC, METABOLIC AND RESPIRATORY CHANGES IN THE ENDOTHELIAL CELL IN THE PRESENCE OF SEPSIS AND SHOCK	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
STUDY OF NEW DRUGS FOR ARTERIAL RELAXATION AND INHIBITION OF PAIN	DRUGS FOR ANESTHETIC AND SURGICAL PROCEDURES
ENDOTHELIAL FUNCTION AND MICROCIRCULATORY REACTIVITY IN DIABETES AND OBESITY	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
PANCREATIC TRAUMATIC INJURIES AFTER SURGICAL PROCEDURES. DIAGNOSTIC AND THERAPEUTIC STUDY WITH USE OF MESENCHYMAL STEM CELLS.	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
CELLULAR AND MOLECULAR MECHANISMS OF VISCERAL CICATRICAL PROCESSES	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
NEW IMIDAZOLIDINIC DERIVATES WITH ANTI-INFLAMMATORY AND ANESTHETIC ADJUVANT EFFECT	DRUGS FOR ANESTHETIC AND SURGICAL PROCEDURES
NEUROENCEPHALIC REPERCUSSIONS OF SYSTEMIC INFLAMMATION AND ISCHEMIC EVENTS ON MICROGLIAL ACTIVATION AND PROLIFERATION	CELLULAR AND MOLECULAR BIOLOGY IN SURGERY
DIGESTIVE SYSTEM AND ULTRASONOGRAPHIC BIOMICROSCOPIC EVALUATION	DEVELOPMENT AND TECHNOLOGICAL INCORPORATION IN SURGERY