

Tax Exemption for Foreign Postdoctoral Trainees
List of eligible fields (Fonds de recherche du Québec – Health Sciences)

Research program	Field of research	Sub-field of research
FRQ - Health and Science	Musculoskeletal Health and Arthritis	Locomotor Activity/Movement Disorders
		Oro-Dental Disorders
		Skin Disorders
		Arthritis\Osteoarthritis
		Joints (Articulations)
		Musculoskeletal Deformations
		Oro-Facial Pain
		Fibrosis
		Structural Tissues Engineering/Biomaterials
		Musculoskeletal Lesions and Repair
		Connective Tissue Diseases
		Bone Diseases
		Muscular Diseases
		Dental Materials
		Orthoses and Prostheses
		Osteoporosis
		Skin
		Dental Health
		Scoliosis
		Rehabilitation Care and Services
		Muscles
		Tendons and Ligaments
		Connective Tissue
		Bone Tissue
		Trauma and Injuries
		FRQ - Health and Science
Skin Cancer		
Prostate Cancer		
Head and Neck Cancers		
Cancers of the Digestive System		
Cancers of the Musculoskeletal System		
Cancers of the Reproductive System		
Cancers of the Urinary System		
Lung Cancer		
Leukemia		
Breast Cancers		
Cancer Genetics		
Hormone Dependent Cancers		
Carcinogenesis		
Chemotherapy		
Social Determinants of Cancer		
Cancer Diagnosis and Detection		

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Research rogram	Field of research	Sub-field of research
FRQ - Health and Science	Cancer	Cellular Differentiation
		Cellular Division
		Environment and Cancer
		Growth Factors
		Suppressor Gene
		Hereditary Cancers
		Host-Tumour Interaction
		Lymphoma
		Nutrition and Cancer
		Oncogenes
		Radiotherapy
		Cell Signaling and Cancer
		Stress and Cancer
		Smoking and Cancer
		Cell Therapy for Cancer
		Gene Therapy for Cancer
		Cerebral Tumours
		Retinal and Ocular Neoplasms
Vaccines and Cancer		
FRQ - Health and Science	Human Genetics	Genetic Mapping
		Chromosomes: Structure/Organization
		Genetic Screening of Diseases
		Genomic Damage and Repair
		Gene Regulation and Expression
		Genes
		Susceptibility Genes
		Applied Genetics
		Complex Trait Genetics
		Developmental Genetics
		Genetics and Ethics
		Genetics and Heredity
		Evolutionary Genetics
		Molecular Genetics
		Population Genetics
		Genomes
		Genomics
		Gene-Environment Interactions
		Genetic Diseases
		Genetic Markers
DNA and RNA Chips		
Transgenic Model		

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FRQ - Health and Science	Human Genetics	Mutation (Process)
		Phenotypes
		Polymorphism
		Proteins
		Proteomics
		Telomeres
		Gene Therapy
FRQ - Health and Science	Infection and Immunity	Allergies
		Antibiotics and Resistance
		Antibodies
		Antigens
		Antivirals
		Bacteria
		Burns and Infections
		Septic Shock
		Cellular Defense
		Social Determinants of Infectious and Immune-Mediated Diseases
		Vaccine Development
		Host Genetics
		Hepatitis
		Immunodeficiencies
		Immunotherapy
		Bacterial Infections
		Fungal Infections
		Parasitic Infections
		Viral Infections
		Leukocytes
		Yeasts
		Autoimmune Diseases
		Diseases of the Immune System
		Infectious Diseases
		Sexually Transmitted Diseases
		Tropical Diseases
		Immune Mediators: Cytokines and Chemokines
		Parasites
		Platelets
		Global Health and Emerging Diseases
AIDS-HIV		

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FRQ - Health and Science	Infection and Immunity	Cell Signalling and Infectious and Immune Diseases
		Blood Substitutes
		Immune System
		Cell Therapy for Infectious and Immune Diseases
		Gene Therapy for Infectious and Immune Diseases
		Transplantation and Graft Rejection
		Tuberculosis
		Vaccination
		Viruses
	Neurosciences, Mental Health and Addiction	Cerebrovascular Accident
		Language Acquisition and Development
		Neuronal and Synaptic Activity
		Convulsive Disorders – Epilepsy
		Alcoholism
		Anxiety
		Apoptosis
		Learning and Memory
		Ataxia
		Autism
		Huntington's Chorea
		Chronobiology
		Cognition
		Neuronal Communication and Neurotransmission
		Dementia
		Depression
		Nervous System Development
		Pain
		Growth Factors
		Executive Functions
		Genetics of Neurological and Psychiatric Diseases
		Neuronal Transplantation and Stem Cells
		Hemiplegia and Paraplegia
		Alzheimer's Disease
Parkinson's Disease		
Spinal Cord Diseases		
Eye and Visual System Diseases		

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Research rogram	Field of research	Sub-field of research
FRQ - Health and Science	Neurosciences, Mental Health and Addiction	Peripheral Nervous System Diseases
		Central Nervous System Inflammatory Diseases
		Neurodegenerative Diseases
		Neuroendocrine Diseases
		Neuroimmunological Diseases
		Neurological Diseases
		Neuromuscular Diseases
		Central Nervous System Organic Diseases
		Brain Metabolism
		Migraine
		Neuronal Modeling
		Motivation and Emotions
		Neurogenesis and Gliogenesis
		Neurotoxicity
		Plasticity/Neuronal Regeneration
		Social and Cultural Psychiatry
		Receptors and Carriers
		Mental Health and Society
		Schizophrenia
		Multiple Sclerosis
		Cell Signaling
		Somatization and Functional Somatic Syndromes
		Sleep and Sleep Disorders
		Stress
		Suicide
		Auditory System
		Gustatory System
		Motor System
		Autonomic Nervous System
		Olfactory System
		Somatosensory System
		Visual System
		Smoking
		Gene Therapy
		Drug Abuse
		Cranio-Encephalic and Spinal Cord Trauma
		Mood Disorders
		Character Disorders

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FRQ - Health and Science	Neurosciences, Mental Health and Addiction	Communication Disorders
		Eating Disorders
		Hearing Disorders
		Vestibular System Disorders
	Nutrition and Metabolism	Digestive System
		Appetite
		Nutritional Requirements
		Feeding Behavior
		Endocrine Disorders
		Metabolic Disorders
		Nutritional Disorders
		Social Determinants of Dietary and Metabolic Disorders
		Development of Drug Delivery Systems
		Diabetes
		Poisoning
		Liver
		Glucotoxicity
		Hormones and Growth Factors
		Hyperthermia and Hypothermia
		Renal Insufficiency/Failure and Malabsorption
		Intestinal Malabsorption and Cholestatic Syndromes
		Crohn's Disease
		Hepatic Diseases
		Lipid Disorders
		Metabolic Diseases
		Renal Diseases
		Metabolism
		Toxin and Toxicant Metabolism
		Drug Metabolism
		Energy Metabolism
		Nutrients
		Nutrition
		Obesity
		Pancreas
		Gastrointestinal Pathologies
Urogenital Pathologies		
Digestion		

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Research rogram	Field of research	Sub-field of research
FRQ - Health and Science	Nutrition and Metabolism	Nutraceuticals and Functional Foods
		Hormonal Regulation
		Endocrine System
		Urogenital System
		Renal System
		Toxicology
	Circulatory and Respiratory Health	Anemia
		Aneurism
		Angiogenesis
		Respiratory System
		Peripheral Arteriopathy
		Arrhythmia
		Asthma
		Atherosclerosis
		Congenital Cardiopathies
		Stem Cells and Organogenesis
		Blood Flow and Transfusions
		Social Determinants of Cardiovascular Diseases
		Social Determinants of Respiratory Diseases
		Endocarditis
		Environmental and Respiratory Diseases
		Cardiac Fibrosis
		Cystic Fibrosis
		Pulmonary Fibrosis
		Hypertension (Arterial and Cardiac)
		Pulmonary Hypertension
		Cardiac Hypertrophy
		Heart Failure
		Coronary Heart Diseases
		Chronic Obstructive Pulmonary Diseases
		Cardiovascular Diseases
		Inflammatory Respiratory Diseases
		Occupational Lung Diseases
		Phlebitis
		Pneumopathies
		Prostheses and Vascular Substitutes
		Cell Signalling
Cardiovascular System		

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FRQ - Health and Science	Circulatory and Respiratory Health	Cell Therapy
		Thrombosis and Embolism
		Heart Transplantation
		Lung Transplantation
		Heart Valve/Valvular Diseases
	Child, Youth and Maternal Health	Child Abuse and Negligence
		Eating Disorders Among Youth
		Breastfeeding and Infant Nutrition
		Congenital Anomalies
		Intrauterine Developmental Abnormalities
		Autism
		Prenatal and Neonatal Screening
		Postpartum Depression
		Social Determinants of Child and Youth Development
		Cognitive Development in Children
		Infant/Child Development
		Embryonic Development
		Cystic Fibrosis
		Gestation/Parturition
		Drugs and Pregnancy/Breastfeeding
		Cerebral Palsy
		Newborn Diseases
		Newborn Respiratory Diseases
		Perinatal Period
		Preeclampsia
		Prematurity
		Growth Retardation
		Mental Retardation
		Mental Health and Psychopathology in Children and Youth
		Sudden Infant Death Syndrome
		Prenatal and Perinatal Trauma
		Behavioral Disorders in Children and Adolescents
		Learning Disorders in Children
		Attention Deficit and Hyperactivity Disorder
		Speech and Language Development Disorders
		Childhood Vaccination

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Research rogram	Field of research	Sub-field of research
FRQ - Health and Science	Population health	Culture and Health
		Social Determinants of Health
		Health and Legislation
		Human and Social Ecology
		Ethics and Health
		Family and Care Givers
		Lifestyle Determinants and Health
		Pharmacoeconomics
		Pharmacoepidemiology
		Preventive Health Care
		Health Promotion
		Community Health/Public Health
		Aboriginal Health
		Environmental Health
		Occupational Health and Safety
Paramedical Sciences		
FRQ - Health and Science	Gender and Health	Andropause
		Birth Control
		Menstrual Cycle and Associated Problems
		Sexual Dysfunctions
		Endometriosis
		Gender Epidemiology
		Hormone Replacement Therapy
		Female Infertility
		Male Infertility
		Sexually Transmitted Diseases
		Reproductive Biology and Dysfunctions
		Menopause
		Prostate
		Endocrine Regulation
		Steroids
Fertility Technologies		
Female Urogenital System Disorders		
Male Urogenital System Disorders		

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Research rogram	Field of research	Sub-field of research
FRQ - Health and Science	Health Services	Emergency Medicine
		Health Care Organization
		Health Policies
		Professional Practices
		Hotline Services
		Health Services
		Home Care Services
		Long-Term Care Services
		Hospital Care Services
		Nursing
		Intensive Care
		Palliative Care
		Health Information Systems
		Diagnostic Techniques
		Health Care Technologies
Telemedicine		
FRQ - Health and Science	Aging	Age and Risk Factors
		Social Aspects of Aging
		Cerebral Atrophy
		Cellular Degeneration
		Genetics of Aging
		Chronic Diseases in Elderly
		Neurodegenerative Diseases
		Cognitive Neuropsychology of Aging
		Nutrition and Aging
		Loss of Independence
		Drug Administration and Drug Interactions
		Aging Process
		Quality of Life and Aging
		Intergenerational Relations
		Cellular Aging

List of eligible fields (Fonds de recherche du Québec – Natural Sciences and Engineering)

Research rogram	Field of research	Sub-field of research
Energy (FRQ-NT)	Energy Production	Biomass (Energy)
		Fossil Fuels
		Solar and Wind Energy
		Hydroelectricity (Energy)
		Nuclear and Fusion
	Energy Transformation and Energy Use	Energy Networks and Distribution
		Energy Conservation
		Electrochemical and Fuel Cells
		Economic Planning (Energy)
		Energy Storage
	Power Transmission	Hydrogen Technologies
		Electric Lines
Pipelines		
Oil or Gas Tankers		
Environment (FRQ-NT)	Water	Drinking Water
		Fresh Water
		Groundwater and Water Tables
		Wastewater
		Ice and Snow
		Water/Continent Interfaces
		Marine Environment
		Coastal Sedimentation
	Air	Atmosphere (Including Chemical Aspects)
		Climate Change and Impact
		Atmospheric Disturbances (Lightning, Rain, etc.)
		Atmospheric Pollutants
		Wave Pollution (Noise, Microwaves, Electromagnetic Fields)
		Prediction and Climatic Modeling
	Land and Soil	Surveying and Land Management
		Industrial and Urban Contamination of Land
		Mining and Petroleum Contamination
		Geomatics
		Geological and Geomorphological Processes
		Natural Risks
		Soil and Sediments

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Environment (FRQ-NT)	Pollutants	Chemical Pollutants
		Flammable or Explosive Products
		Radioactive Substances
		Toxins and Other Biological Substances
	Ecology and Quality of the Environment	Protected Areas
		Biodiversity and Biocomplexity
		Biogeography
		Bioremediation
		Ecosystem (Aquatic and Terrestrial)
		Vulnerable and Threatened Species
		Landscape and Restoration
	Protection and Management	Ecological and Ecophysiological Processes
		Natural Risk Control
		Soil Decontamination
		Clean Technologies
Liquid and Gaseous Waste Treatment		
Urban, Industrial and Agricultural Wastewater Treatment		
Recycling and Processing of Solid Waste		
Manufacturing and Construction (FRQ-NT)	Manufacturing Processes	Quality Control
		Material Degradation
		Industrial Design
		Human Factors in Manufacturing
		Manufacturing Impacts
		Industrial Logistic
		Prefeasibility Studies and Pilot Tests
		Preparation and Transformation
		Product Testing and Properties
		Prototyping
		Robotics and Automation
		Health and Safety

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Manufacturing and Construction (FRQ-NT)	Industrial Processes	Bioprocesses and Biomedical Systems
		Heating and Refrigeration
		Wrapping and Recycling
		Milling
		Chemical Processes
		Mechanical and Physical Processes
		Reticulation and Hardening
		Drying and Lyophilization
		Thermodynamics
		Heat Transfer
		Mass Transfer
		Machining and Assembling
		Conception
	Material Design	
	Equipments	
	Instruments	
	Machinery	
	Civil Engineering Works	Construction Technologies
		Dams
		Buildings
		Oil Rigs
Bridges		
Degradation and Aging of Civil Engineering Works		
Dynamic Phenomena of Civil Engineering Works		
Structural Resistance		
Resistance to Seismic Activity		
Materials (FRQ-NT)	Basic Materials	Concrete and Cement
		Wood
		Ceramics and Glass
		Organic or Synthetic Materials
		Metals and Alloys
		Stones and Silicates
		Textiles, Fabrics and Leather

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Research rogram	Field of research	Sub-field of research
Materials (FRQ-NT)	Functional and Intelligent Materials	Shape Memory Alloy
		Biomaterials
		Composites
		Films, Membranes and Multiphase Polymers
		Gels and Foams
		Plastic Transformation
		Polymers
		Coatings
	Nanotechnologies	Nanomaterials
		Nanoparticles
		Nanosystems
		Supramolecules and Autoassembling
Interactions of Nature and Matter (FRQ-NT)	Particles and Radiance	Electrons and Neutrons
		Light-Matter Interactions
		Elementary Particles
		Plasmas
	Atoms and Molecules	Combinatorial Chemistry
		Inorganic and Organometallic Compounds
		Macromolecules
		Metals and Nonmetals
		Organic Molecules and Biomolecules
		Quantum Phenomena
		Chemical Synthesis and Catalysis
	States of Matter	Low Temperatures and High Temperatures
		Gas and Critical State
		Gravitation
		Liquids and Solutions
		Membranes
		Semiconductors
		Solids
		Superfluids
		Superconductors
		Surfaces, Interfaces and Thin Layers
Colloidal and Autoassembled Systems		
Phase Transitions		

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Research rogram	Field of research	Sub-field of research
Interactions of Nature and Matter (FRQ-NT)	Earth	
		Geodynamics
		Geotechnics
		Earth Structure and Composition
		Transformation and Evolution of the Earth’s Surface
	Planets and Universe	Galactic and Cosmic Systems
		Stellar Systems
		Structure of the Universe
		Solar and Planetary Systems
Living Organisms (Animal, Monera, Plants, Protist) (FRQ-NT)	Subcellular	Nucleic Acids
		Enzymes and Proteins
		Bioactive Molecules
	Cellular	Cell
		Chromosomes
		Genes
	Microbiology	Microorganisms
		Immune Reaction
		Protozoan
		Viruses (Living Organisms)
	Genomics and Proteomics	Bioinformatics
		Biotechnologies
		Genotype and Phenotype
		Biological and Biochemical Mechanisms
		Functional and Structural Proteomics
		Biomedical Technologies
	Organizational and Biological Functions	Biological Behaviors
		Evolution and Phylogenesis
		Glands and Tissues
		Metabolism (Living Organisms)
Environments and Habitats		
Morphology		
Pathology		
Physiology		
Reproduction and Growth		
Taxonomy and Systematics		

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Research rogram	Field of research	Sub-field of research
Living Organisms (Human Beings) (FRQ-NT)		
	Psychology - Biological Aspects	Learning and Memory
		Cognition and Language
		Sensorimotor Integration
		Motivation, Emotions and Rewards
		Sensations and Perceptions
	Sleep, Arousal and Chronobiological Modulation	
Natural Resources (FRQ-NT)	Agriculture	Agricultural Machinery and Technologies
		Nutrition
		Parasites and Diseases (Animals and Vegetal)
		Finfish Aquaculture
		Livestock Farming
		Farming and Insect Control
		Crop Production
		Processed Agri-Food Products
		Animal Reproduction
		Plant Reproduction
	Plants and Forests	Other Types of Wood Processing
		Pulp and Paper
		Crop Production Other Than Forest Products
		Sylviculture
		Forestry Technologies and Equipment
	Mines	Mine Exploration
		Mineral Extraction
		Mine Exploration Technologies
		Mineral Processing
	Oceans and Inland Waters	Aquaculture
Other Marine and Lacustrine Resources		
Hydrological Cycles and Reservoirs		
Hydrography		
Fishery Resources		
Abstract Structures (FRQ-NT)	Theoretical Computer Science	
		Complexity
		Programming Language
		Mathematics of Computing
		Logic Programming
		Calculation Theory

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Abstract Structures (FRQ-NT)	Mathematics	Algebra
		Functional Analysis
		Global and Non-Linear Analysis
		Asymptotic and Classical Applied Analysis
		Combinatorial
		Numbers Theory
		Differential Equation
		Geometry
		Logic
		Discrete Mathematics
	Topology	
	Statistics and Probabilities	Data Mining
		Actuarial Studies
		Parametric and Non-Parametric Inference
		Meta-Analysis
Stochastic Processes		
Computer Science and Statistics		
Theoretical Statistics		
Probability Theory		
Computer Science and Mathematical Tools	Mathematical Analysis	
	Numerical Analysis	
	Software (Tools)	
	Modelization and Simulation	
	Optimization, Control and Operations Research	
Theoretical Approach		
Techniques, Measurements and Systems (FRQ-NT)	Characterization Tools	Surface Characterization
		Chemical Compositions
		Degradation
		Molecular Sizes and Shapes
		Imagery
		Shaping
		Rheology Properties
		Thermodynamic Properties
		Recycling
		Structure and Macroscopic Characterization
		Molecular Structure and Sizing
		Molecular Transportation

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Techniques, Measurements and Systems (FRQ-NT)	Wave Phenomena	Acoustics
		Noise and Vibration
		Optical Components, Optical Fibres
		Lasers
		Microwaves and Hyperfrequencies
		Optics and Photonics
		X-Rays
		Telemetry (Remote Sensing, Radar)
		Vision
	Electric and Electronic Systems	Servo-Control
		Integrated Circuits
		Electricity Conversion and Distribution
		Industrial and Power Electronics
		Mechatronics
		Micro and Nanoelectronics
		Electrical Networks
		Control System
		Electrochemical Systems
	Mechanical Systems	Stress Analysis
		Hydraulics
		Fluid Mechanics
		Solid Mechanics
		Continuum Mechanics
		Plasticity and Creep
		Propulsion
		Multiphase Systems
		Turbulence
	Vibrations	
	Transportation Systems	Transportation Equipment
		Merchandise Transportation
		Aerial Systems and Airports
		Railways
		Roadways
Space Techniques		
Seaways and Bridges		

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Communication and Transformation Technologie (FRQ-NT)		
	Communication	Personal Communications Communication Materials Telecommunication Networks Telecommunication Systems Printing Systems Teleinformatics Transmission and Processing of Numerical Signals
	Information	Algorithms Network Analysis (Information) Computer Architecture Computer Database Software Development Computer Hardware Computer Systems Distributed and Simultaneous Processing
	Artificial Intelligence	Virtual Reality Recognition of Speech Shape recognition and Computer Graphics Expert Systems Neuronal Systems