

	Paul de Vos	Truuske de Bock	Pim van der Harst	André Aleman
Institute focus 1	GUIDE - Lead discovery, development of new drugs, drug delivery and advanced formulation technology - Translational research on the molecular and cellular mechanisms underlying disease (aetiology and pathophysiology) and on research related to treatment of disease, e.g. in the context of clinical trials and by using relevant animal models. - Mechanisms of diseases (molecular and cell biology; pathophysiology)	SHARE Health Psychology, Epidemiology, Public Health	GUIDE - Lead discovery, development of new drugs, drug delivery and advanced formulation technology - Translational research on the molecular and cellular mechanisms underlying disease (aetiology and pathophysiology) and on research related to treatment of disease, e.g. in the context of clinical trials and by using relevant animal models. - Mechanisms of diseases (molecular and cell biology; pathophysiology)	BCN Behavioral & Cognitive Neurosciences: understanding the function of the healthy brain and dysfunction of the nervous system with reference to neurological and psychiatric disorders
Institute focus 2	W.J. Koiff biomedical materials science and its application involving basic materials science, medical product development and clinical evaluation	CRCG Fundamental, Clinical and Translational Cancer Research		
Own area of expertise	Immunology of cellular transplants and interaction of carbohydrates with the immune system	Cancer Epidemiology, in particular: * Screening on cancer (breast and other) in patient groups that will benefit from screening. * Determinants of cancer. * Short and long term-outcomes of cancer and its treatment.	Mechanisms and genetics of cardiac infarction and cardiac failure; experimental cardiology; identification of genes involved in heart failure susceptibility	Neural basis of cognitive-emotional dysfunction in schizophrenia and depression. His group also investigates the neural basis of cognitive aging and the role of exercise. The use of neurofeedback and noninvasive neuromodulation by electromagnetic brain stimulation to improve cognitive functioning and psychiatric symptoms
Research programs affiliation	Translational Immunology Bioadhesion, Biocompatibility and Infection	Life Course Epidemiology Cellular Damage and Repair in Cancer and Cancer Treatment	Preservation of Cardiac Function over Time	Perceptual and Cognitive Neuroscience ICOPER: Interdisciplinary Center Psychopathology and Emotion Regulation
Department focus	Dept. Medical Biology: Epigenetics; Immunology and genetics of asthma and COPD; regenerative medicine (cardiovascular); mesenchymal stem cells; angiogenesis; drug-targeting (liposomes); reproductive immunology	Cancer Epidemiology; Pulmonary Epidemiology; Epidemiology of Digestive system diseases; Genetic Epidemiology; Health behavior epidemiology; Lifestyle medicine in obesity & diabetes	Clinical cardiology; heart failure (clinical and experimental); translational cardiology; fibrillation; cardiac remodelling; genetics of heart failure; cardiac hypertrophy	Neuro-imaging (MRI, PET); imaging of psychiatric disorders and neurodegenerative disorders; epidemiology of psychiatric disorders;.
Institute programs (see pdf file)	1. Biopharmaceuticals, Discovery, Design and Delivery	1 Health Psychology Research	1. Biopharmaceuticals, Discovery, Design and Delivery	1 Molecular Neuroscience and Ageing research
	2. Center for Liver, Digestive and Metabolic Diseases	2 Public Health Research	2. Center for Liver, Digestive and Metabolic Diseases	2 Translational Neurosciences
	3. Critical Care, Anesthesiology, Peri-Operative and Emergency Medicine	3 Extremities, Pain and Disability	3. Critical Care, Anesthesiology, Peri-Operative and Emergency Medicine	3 Abnormal Neurological Development, Early Diagnosis and Intervention
	4. Groningen Institute for Gastro-Intestinal Genetics and Immunology	4. Methods in Medicines Evaluation and Outcomes Research	4. Groningen Institute for Gastro-Intestinal Genetics and Immunology	4 Perceptual and Cognitive Neuroscience
	5. Groningen Institute for Organ Transplantation	5. Ethical, Legal, Social Issues in Genetics	5. Groningen Institute for Organ Transplantation	5 ICOPER: Interdisciplinary Center Psychopathology and Emotion Regulation
	6. Groningen research Institute for Asthma and COPD	6. Reproductive Health Reproductive Origins of Adult Health and Disease	6. Groningen research Institute for Asthma and COPD	PLATFORM PROGRAMME: CENTER FOR MEDICAL IMAGING
	7. Kidney Health Institute	7. Smart Movements	7. Kidney Health Institute	
	8. Microbes in Health and Disease	8. Life Course Epidemiology	8. Microbes in Health and Disease	
	9. Preservation of Cardiac Function over Time	1. SALL: Stem Cells, Ageing, Lymphoma and Leukemia	9. Preservation of Cardiac Function over Time	
	10. Translational Immunology	2. Targeted Gynaecologic Oncology	10. Translational Immunology	
	11. Vascular Ageing Programme	3. Cellular Damage and Repair in Cancer and Cancer Treatment	11. Vascular Ageing Programme	
	1. Bioadhesion, Biocompatibility and Infection (KOLFF-BIOBI)	4. Guided treatment in optimally selected cancer patients: Translational and clinical research in oncology	PLATFORM PROGRAMME: CENTER FOR MEDICAL IMAGING	
	2. NanoBioTechnology and Advanced Therapeutic Materials (KOLFF-NanoBioMat)			
	3. Maintaining Oral Health and Oral Function (KOLFF-MOHOF)			
4. Restoring Organ Function by Means of Regenerative Medicine (KOLFF-REGENERATE)				