

Master thesis projects within the Master's programme in Toxicology 2018-2026		
Year	Title	Location
2018-2019	Designed cell-penetrating peptides as inhibitors of amyloid protein aggregation	Stockholm University
2018-2019	The effect of phthalates on human ovarian health and function	Karolinska Institutet
2018-2019	Immunomodulatory properties of perfluoroalkyl compounds during chemically-induced intestinal inflammation in zebrafish	Karolinska Institutet
2018-2019	The role of nuclear receptors in dampening PFOS-exacerbated chemically-induced intestinal inflammation in zebrafish	Karolinska Institutet
2018-2019	The genetic landscape of human SLC transporters	Karolinska Institutet
2018-2019	Effects of dietary fluoride on risk of bone fractures	Karolinska Institutet
2018-2019	Exposure to environmental phthalates and health in young adulthood	Karolinska Institutet
2018-2019	A toxicokinetic model for Zebrafish Embryo (ZFE): Understanding the influence of exposure systems for different chemicals	Karolinska Institutet
2018-2019	Development of a new cell-based assay for determination of skin sensitization potency of chemicals	Karolinska Institutet
2018-2019	Gold nanoparticle and macrophage interaction: dissolution and immune-modulation	Karolinska Institutet
2018-2019	Effects of lipid oxidation products on chronic inflammation in ex vivo systems and their inhibition	Karolinska Institutet
2018-2019	Gender specific susceptibility to human carcinogens-The role of reactive oxygen species (ROS)	Karolinska Institutet
2018-2019	Early-life exposure to cobalt and child development	Karolinska Institutet
2018-2019	Potential pulmonary toxicity and risk due multi-flavored electronic cigarette use: Evaluation through physiologically relevant in vitro models and identification of protective bioactive compounds	Karolinska Institutet
2018-2019	Systematic assessment of air pollution induced pulmonary toxicity and new treatment strategies for chronic obstructive pulmonary disease (COPD) and chronic bronchitis using multi-cellular lung mucosa models	Karolinska Institutet
2018-2019	Assessment of biomass particle induced lung toxicity using bronchial and alveolar mucosa models along with screening for protective naturally occurring bioactive compounds	Karolinska Institutet
2018-2019	The role of CYP1A1/AhR regulation in steroid hormone signaling in ovary	Karolinska Institutet
2018-2019	Developmental exposure to chemicals and Attention Deficit Hyperactivity Disorder (ADHD) – a structured literature review	Karolinska Institutet, Public Health Agency of Sweden
2018-2019	Dietary regulation of AhR signaling and impact on body growth	Nanyang Technological University, Singapore
2018-2019	The effect of Selective Serotonin Reuptake Inhibitors (SSRIs) on the cell junction expression in primary placental cells	University of Quebec, Montreal
2018-2019	Does AMPK deficiency promote the toxicity of environmental risk factors in Parkinson's disease	National University of Singapore
2018-2019	Evolution of structures in major facilitator superfamily: A group of multidrug transporters	Stockholm University
2018-2019	Multifunctional additives with biocidal function: their use and potential negative effects on human health and environment	Swedish Chemicals Agency
2018-2019	Toxicokinetics of ochratoxin A and its association to food intake and other background characteristics in Riksmaten Adolescents 2016-2017	Swedish Food Agency
2019-2020	Development of an immunocompetent human airway co-culture model to investigate adverse drug interactions in the lung	AstraZeneca
2019-2020	High Content Imaging of drug-induced effects on epithelial barrier, general health or immune function and/or oxidative stress in lung cell lines integrated within our ongoing respiratory strategy	AstraZeneca
2019-2020	Description of patient characteristics and long-term treatment patterns in stable CAD and PAD patients following index CAD or PAD event	Bayer
2019-2020	Regulation of Aryl Hydrocarbon Receptor Biology and Dioxin Toxicity by the ADP-Ribose Polymerase TIPARP	University of Toronto, Canada
2019-2020	Primary human liver spheroids as an in vitro model for liver fibrosis	Karolinska Institutet
2019-2020	Impact of low-dose EDCs on 3T3-L1 adipocytes insulin sensitivity and glucose consumption	Karolinska Institutet
2019-2020	Isolation and Profiling of Exosomes from Primary Human Cell Cultures	Karolinska Institutet
2019-2020	Cadmium exposure in the Swedish Mammography Cohort: osteoporosis and fractures	Karolinska Institutet
2019-2020	Application of a data fusion pipeline for AOP development and refinement: a data-mining case study on liver fibrosis	Karolinska Institutet
2019-2020	Identification of putative naturally occurring bioactive compounds to protect against biomass particle exposure induced lung injury using bronchial and alveolar mucosa model	Karolinska Institutet
2019-2020	Structured literature review and evaluation of evidence for identification of endocrine disrupting properties of Bisphenol F	Karolinska Institutet, Swedish Chemicals Agency
2019-2020	Development and evaluation of an Adverse Outcome Pathway (AOP) for hyperactivity	Karolinska Institutet, National Institute for Public Health and the Environment, The Netherlands
2019-2020	Antimicrobial resistance to biocides: A Literature review of case reports, mechanistic data and links to antibiotic resistance	Swedish Chemicals Agency
2019-2020	Effects of cysteine knot toxins on a voltage-gated potassium channel	Linköping University
2019-2020	Biological activity of a TP53 hybrid protein in human cancer cells	Karolinska Institutet
2019-2020	Study of the interactions between neutrophils and iNKT cells in autoimmune disease	Karolinska Institutet
2019-2020	The role of cell differentiation in chemoresistance in oral cancer	Karolinska Institutet
2019-2020	In vitro anti tumoral effects of chemo and target therapy on human papillomavirus positive and negative head and neck cancer cell lines	Karolinska Institutet
2019-2020	Pathophysiological role of endogenous and exogenous factors in adipocytes	Osaka University, Japan
2019-2020	In vitro determination of plasma protein binding for a set of reference compounds using equilibrium dialysis and LC-MS/MS analysis compared with reference data in the literature from a range of low to high binding compounds	Research Institutes of Sweden
2019-2020	Evaluating exposure scenarios of acetone and styrene in occupational settings in boat manufacturing processes	SK-Protect Oy, Finland, Karolinska Institutet
2020-2021	Qualification of microsampling in the metabolites in safety testing (MIST) analysis	Admescope Sweden AB
2020-2021	Visualising drug-induced toxicity in 3D microtissues	AstraZeneca
2020-2021	Building a toolbox to mitigate drug-induced pancreatic injury	AstraZeneca
2020-2021	High Content Imaging of drug-induced effects on cell health and morphological features in lung cell lines integrated within our ongoing respiratory strategy	AstraZeneca
2020-2021	Effect of EDCs on molecular endpoints in mesenchymal stem cells	Uppsala University
2020-2021	Metabolic changes of mature adipocytes exposed to endocrine disrupting chemicals (EDCs)	Karolinska Institutet
2020-2021	Evaluation of microplastics toxicity on human lung cells	Karolinska Institutet
2020-2021	Comparison of cobalt skin absorption using different skin models	Karolinska Institutet
2020-2021	Developmental toxicity of early-life cadmium exposure: a toxicodynamic – toxicokinetic approach to determine toxic mode of action	Karolinska Institutet
2020-2021	Health hazards of detergents, degreasers and disinfectants available on the Swedish market	Karolinska Institutet
2020-2021	Early life metal exposure and their impact on hormones during puberty	Karolinska Institutet
2020-2021	Metal and trace element exposure during pregnancy and placental function	Karolinska Institutet
2020-2021	Interleukin-26 Modulates Cytokine Responses to Klebsiella pneumoniae in blood neutrophils	Karolinska Institutet
2020-2021	Biodiesel-induced lipid peroxidation is a plausible cause of toxicity and ferroptosis	Karolinska Institutet

2020-2021	ThermoTargetMiner: a thermal proteome solubility/stability database for identification of protein targets and action mechanisms of novel anticancer agents in lung cancer	Karolinska Institutet
2020-2021	Applying proteomics to identify targets and off-targets of pharmacological drugs approved for COVID-19 treatment	Karolinska Institutet
2020-2021	Ribosomal stress in cancer	Karolinska Institutet
2020-2021	Immunomodulatory effect of PFOS in genetically-susceptible hosts	Karolinska Institutet
2020-2021	Investigating the impact of microbiota-derived metabolites in the activity of human non-coding regions: a zebrafish-based screening analysis	Karolinska Institutet
2020-2021	Preclinical studies to investigate adverse outcomes of polypharmacy in older adults and Alzheimer's disease patients	Karolinska Institutet
2020-2021	Development and validation of novel in vitro models for adverse effects on the human neurovascular unit including compromised barrier properties, inflammatory processes and changed cellular transcriptional profiles	Karolinska Institutet
2020-2021	Cytostatics Conditioning Prior to Mesothelin CAR T Cell Therapy for The Treatment of Advanced Ovarian Cancer	Karolinska Institutet
2020-2021	A systematic scientific review of phthalate and non-phthalate-based plasticizers regarding potential endocrine disruptive properties	Perstorp
2020-2021	Inhibiting DNA repair to enhance the activity of anticancer treatments	Cancer Research Center of Lyon, France
2021-2022	Chemical mixture effects on phytoplankton under changing environmental conditions	Stockholm University
2021-2022	Development of a flow cytometry assay to monitor cell type specific toxicity in lung microenvironment and study impact of cellular crosstalk on drug induced respiratory toxicities	AstraZeneca
2021-2022	Gene expression pattern specific drug therapy for colorectal cancer	Karolinska Institutet
2021-2022	Protective effects of L-serine against the natural toxin BMAA and genetic disposition associated with Amyloid Lateral Sclerosis	University of Bergen, Norway
2021-2022	Analysis of DNA methylation induced by prenatal exposure to an EDC mixture (Mixture N1)	Uppsala University
2021-2022	Investigating the effects and underlying mechanisms of an environmental pollutants (PFAS, phthalates, triclosan) mixture on lipid metabolism in young zebrafish (Danio rerio)	Uppsala University
2021-2022	Optimization and pre-validation of adipogenesis assay on human immortalized MSC for the assessment of MDCs	Karolinska Institutet
2021-2022	Profiling the signalling modalities of anti-diabetic drugs in 3D cell models of diabetes using BRET-based biosensors.	Karolinska Institutet
2021-2022	The impact of EDCs on myocyte differentiation and function	Karolinska Institutet
2021-2022	Exploration of potential molecular pathways imparting increased susceptibility for COVID-19 disease severity among smokers and vapers following assessment in physiologically relevant lung mucosa models	Karolinska Institutet
2021-2022	Investigation of the possible interaction between Caspase-2 and β -catenin during drug-induced cell death.	Karolinska Institutet
2021-2022	In vitro toxicity of copper and silver nanowires in human lung cells	Karolinska Institutet
2021-2022	Using in-cell western to investigate the DNA damage response to PAHs and PAH mixtures	Karolinska Institutet
2021-2022	Reproductive toxicity of metals and occupational exposure limit derivation	Karolinska Institutet
2021-2022	Occupational exposure limits for substances classified as reproductive toxicants: Are all workers protected?	Karolinska Institutet
2021-2022	Development of criteria for quality evaluation of toxicity data for risk assessment of nanomaterials-Optimization of SciRAP tool	Karolinska Institutet
2021-2022	Pharmacokinetic and biological studies of nanoparticles carrying SARS-CoV-2 serine-protease inhibitors for the evaluation of their toxicological profile	Institut de Biologie et Chimie des Protéines, Lyon, France
2021-2022	Selective serotonin reuptake inhibitor and autism risk mediated cellular responses during early human neurodevelopment	Karolinska Institutet
2021-2022	Redox-active selenocompound for leukemia treatment: effect and toxicity evaluation	Karolinska Institutet
2021-2022	Utilization of anti-TNF agents in pregnancy and adverse pregnancy and fetal outcomes in the Swedish population, a cohort study"	Karolinska Institutet
2021-2022	Exploring the cytotoxic effects of NRF2 inhibition in primary human fibroblast	Stockholm University
2021-2022	Investigation of the effects of polymedication treatments in a mouse model of Alzheimer's Disease	Karolinska Institutet
2021-2022	An assessment of the endocrine disruption potential of two commonly used industrial chemicals, a case study	Perstorp
2021-2022	Application of synthetic data to improve predictivity of data poor toxicological endpoint: A nephrotoxicity prediction case study	Research Institutes of Sweden
2021-2022	Determining differential gender responses in cancer-related pathways after exposure to cigarette smoke extract.	Trinity College, Dublin, Ireland
2021-2022	Benzophenone-3 as a UV-filter: friend or foe? Weight of evidence-based risk assessment of benzophenone-3 as a potential endocrine disruptor according to the European Commission's scientific criteria.	Swedish Medical Products Agency
2021-2022	Association between per- and polyfluoroalkyl substances concentrations in drinking water and fetal serum levels explored by maternal-fetal physiology-based toxicokinetic modeling	Swedish University of Agricultural Sciences
2021-2022	Usage of effect-based methods to evaluate the presence of bioactive compounds in food package materials – special focus on paper and cardboard".	Swedish University of Agricultural Sciences
2022-2023	Evaluation of the utility of transwell models for predicting drug-induced kidney toxicity	AstraZeneca
2022-2023	In vitro models to predict endocrine pancreas toxicity	AstraZeneca
2022-2023	The development of in-silico algorithms to predict toxic endpoints that aid in drug discovery	Cambridge university, AbsoluteAI, UK
2022-2023	Busulfan used for microglia depletion therapy	Karolinska Institutet
2022-2023	Studying the impact of environmental factors in a novel zebrafish model of intestinal tissue damage and regeneration	Karolinska Institutet
2022-2023	Investigating the role of liver X receptor in anti-helminth immune response	Karolinska Institutet
2022-2023	Microfluidic and 3D Printed Oral Mucosa Models for Biocompatibility/ Toxicological Studies	National University of Singapore
2022-2023	Modeling the lymph node microenvironment	University of California, Berkeley, US
2022-2023	Investigation of changes in regulatory limit values over time: The case for selected pesticides	Stockholm University
2022-2023	The impact of cellular lipid and phospholipid content on the activity of estrogenic endocrine disrupting chemicals	Karolinska Institutet
2022-2023	The impact of Endocrine Disrupting Chemicals on myocyte glucose consumption and insulin sensitivity	Karolinska Institutet
2022-2023	Investigating toxicity of welding particles after long-term exposure in human bronchial epithelial cells	Karolinska Institutet
2022-2023	The impact of xenobiotic vs dietary AHR activators on tissue repair and regeneration	Karolinska Institutet
2022-2023	Developmental Toxicity of Metals - Combination of molecular and epidemiological studies using the zebrafish embryo model and human cohort data	Karolinska Institutet
2022-2023	Exploring a novel co-culture method for detecting skin sensitizing potency of substances of relevance for medical devices	Karolinska Institutet
2022-2023	Early-life fluoride exposure and the impact on cognitive function in a mother-child cohort in Bangladesh	Karolinska Institutet
2022-2023	Characterization of microbial composition and correlation to early life chemical exposure of children in the Stockholm area	Karolinska Institutet
2022-2023	Risk assessment of cleaners' exposure to chemicals and water through air and skin	Karolinska Institutet, Swedish Environmental Research Institute
2022-2023	Identification of Ionic Liquid Substances and their Toxicity Profiling	Swedish Chemicals Agency
2022-2023	Method development for oxidized phospholipids to serve as biomarkers of neurodegeneration	Leiden University, The Netherlands
2022-2023	Finding 3D Nanostructures and Novel Factors in Human DNA Replication Initiation	Karolinska Institutet
2022-2023	Histological and image analysis of ovarian cancer ex-vivo explants and tissues to assess the effect of surgical trauma	Karolinska Institutet
2022-2023	Investigation of outcomes related to long-term exposure to medications commonly used in polypharmacy by older adults in a mouse model of Alzheimer's Disease	Karolinska Institutet
2022-2023	Turning cold tumors hot with myeloid cells	Karolinska Institutet
2022-2023	Investigation into a reprotoxic mechanism of action for an industrial chemical within the REACH and CLP regulation, a case study	Perstorp
2022-2023	Cumulative risks from indoor air pollutants in public settings for children	Public Health Agency of Sweden

2022-2023	Understanding the mechanism-of-action of nelarabine in acute lymphoblastic leukaemia cell line models	Karolinska Institutet
2022-2023	Usage of DNA Damage Inhibitors to Enhance the Toxic Effect of Immune Checkpoint Inhibitors	Karolinska Institutet
2022-2023	The Impact of multiple stressors on the Overwintering of arctic Copepods	University of Oslo, Norway
2022-2023	The role of irradiation-induced inflammation on neural stem and progenitor cells dysfunction	Karolinska Institutet
2023-2024	Toxicity of subway-related particles in an air-liquid interface exposure model	Stockholm University
2023-2024	Malignant transformation detection of T- cell therapy products in vitro	AstraZeneca
2023-2024	In vitro mechanisms of ASO-induced cytotoxicity	AstraZeneca
2023-2024	A systematic review of impaired oligodendrocyte development and myelination as key events in developmental neurotoxicity adverse outcome pathways	Stockholm University
2023-2024	Literature review on impaired radial glia and astrocyte cell development and function as key events in developmental neurotoxicity AOPs	Stockholm University
2023-2024	Study of the role of Chaperone-mediated Autophagy (CMA) in cardiomyopathy	Karolinska Institutet
2023-2024	Relationship of dietary nitrate on risk of developing gastrointestinal cancer	Karolinska Institutet
2023-2024	Toxicity of Tungsten and Molybdenum nanoparticles after acute and long-term exposure in different in vitro cell models	Karolinska Institutet
2023-2024	Mechanisms of Toxicity for Particles Generated from Combustion of Renewable Fuels	Karolinska Institutet
2023-2024	The role of AHR in intestinal tissue homeostasis upon damage	Karolinska Institutet
2023-2024	Toxicity of particles from 3D-printing	Karolinska Institutet
2023-2024	Determination of suitable safety margins when setting occupational exposure limits for reproductive toxicants	Karolinska Institutet
2023-2024	Antibiotic resistance gene load in relation to lifestyle exposure: Analysis of the Swedish PARSIFAL children cohort	Karolinska Institutet
2023-2024	Consensus predictions with in silico tools for identification and prioritization of chemicals potentially harmful to humans or the environment from a regulatory perspective	Swedish Environmental Research Institute, Swedish Chemicals Agency
2023-2024	Drug screening assay development and compound repurposing for HNRNPU deficiency	Karolinska Institutet
2023-2024	Prophylactic treatment to minimize cyclophosphamide induced cardiovascular complications	Karolinska Institutet
2023-2024	Casual relationships of smoking habits and alcohol intake on sarcoidosis	Karolinska Institutet
2023-2024	Screening for environmental modulators of the activity of IBD-risk non-coding elements in vivo	Karolinska Institutet
2023-2024	Assessing the toxicological impact of peroxisome proliferator-activated receptors (PPARs) signaling activity in the intestine in vivo	Karolinska Institutet
2023-2024	Hypothermia as a treatment modality for hepatotoxicity and liver failure	National University of Singapore
2023-2024	Neuro-immune crosstalk in microglia activation	Karolinska Institutet
2023-2024	Targeting the ROR1 receptor tyrosine kinase and the fractalkine receptor (FKNR) resp. with small molecules in acute lymphocytic leukemia (ALL).	Karolinska Institutet
2023-2024	Exploring the association between phenotype transcriptional features in patients with Neurofibromatosis1 and Tuberous Sclerosis Complex and the skin microbiome	Osaka university, Japan
2023-2024	LCA based toxicity assessment, how to measure and reduce chemical footprint	Perstorp
2023-2024	Chemicals in Children's Indoor Environments – Effects of Risk-Reducing Measures and the Need for Guidance	Public Health Agency of Sweden
2023-2024	Implementing the hCLAT assay in assessing skin sensitization potential of chemicals in recycled textiles	Research Institutes of Sweden
2023-2024	Evaluation of performance-enhancing drug use by wastewater analysis	Research Institutes of Sweden
2023-2024	Regulatory genomics for hair growth and blood pressure traits in horses	SciLifeLab
2024-2025	Validation of anabolic androgenic steroids on volumetric DBS discs.	ABC labs
2024-2025	In vitro Model for Predicting Cytokine Release Syndrome Risk in CAR-T cell Therapy	AstraZeneca
2024-2025	Luminescence method development for nanoparticle cell toxicity	University of Turku, Finland
2024-2025	Investigating the metabolic effect of bile acid and tetrapyrrole exposure to human intestinal and liver cells in vitro	ETH Zurich, Switzerland
2024-2025	Critical Raw Materials: Health Risks at Work in the Green Transition	Karolinska Institutet
2024-2025	Skin sensitization using KeratinoSens: Exploring chemicals/extracts of relevance for medical devices	Karolinska Institutet
2024-2025	Effect of nicotine dose gradient in electronic cigarette mediated pulmonary toxicity: Assessment using multicellular bronchial and alveolar lung mucosa models developed at air-liquid-interface	Karolinska Institutet
2024-2025	Characterization of genotoxicity and DNA damage responses in induced pluripotent stem (iPS) cells in response to environmental carcinogens	Karolinska Institutet
2024-2025	Systematic evidence assessment to support quantification of the Key Event Relationship 'decreased testosterone leads to impaired spermatogenesis'	Karolinska Institutet
2024-2025	Men's higher cancer risk - The role of androgen receptor inactivation by environmental carcinogens	Karolinska Institutet
2024-2025	Impact of Nano- and Microplastic Exposure on Inflammatory Mediators and Functional Responses in Human Lung Tissue	Karolinska Institutet
2024-2025	Effects of food supplements on neurotransmitters re-uptake	Utrecht University, The Netherlands
2024-2025	Regulation of Hazardous Chemicals in Mexico: A Comparative Analysis with European chemicals legislation	Swedish Environmental Research Institute
2024-2025	Neuronal toxicity profiling after high-fat diet media	Karolinska Institutet
2024-2025	Toxicological assessment of novel drugs targeting intestinal regeneration	Karolinska Institutet
2024-2025	Investigating the Contribution of Protection of Telomeres 1 (POT1) to Lower-Grade Glioma (LGG) Progression and Drug Resistance	Karolinska Institutet
2024-2025	Assessment of substance (X)'s carcinogenic and endocrine disruptive properties by applying REACH and CLP Regulations	Perstorp
2024-2025	TranStress: a Transcriptomic Database for Human Cellular Stress Response	Sun Yat-Sen University, Guangdong, China
2024-2025	Developing a Physiologically-Based Toxicokinetic (PBTK) Model for Children Exposed to PFAS	Swedish University of Agricultural Sciences
2025-2026	Decoding upstream cell death pathways driving ASO toxicity in non-hepatic models	AstraZeneca
2025-2026	Chemicals and equity – the role of socioeconomic factors in exposure and health risks	Public Health Agency of Sweden
2025-2026	Detection of illicit Drugs and Pharmaceuticals in Hair using LC-MS/MS - Validation and Revision of Methods	Forensisch Toxikologisches Centrum GmbH, Munich, Germany
2025-2026	Association between biomarkers of acrylamide and long-term risk of dementia	Karolinska Institutet
2025-2026	The mechanistic role of interleukin-9 in modulating airway hyperresponsiveness in isolated human/animal small airways	Karolinska Institutet
2025-2026	Toxic Responses to Amazon Wildfire Particles in a Pulmonary Co-Culture Model	Karolinska Institutet
2025-2026	Data-derived uncertainty factors for hepatotoxicity based on early cellular effects	Karolinska Institutet
2025-2026	The mental health effects of fetal, childhood, and adolescent exposure to toxic metals: A 20-year follow-up study of the MINIMat trial in rural Bangladesh	Karolinska Institutet
2025-2026	IL-26 in lung macrophages derived from long-term tobacco smokers with or without Chronic Obstructive Pulmonary Disease	Karolinska Institutet
2025-2026	Cytotoxicity assessment of rare earth metal nanoparticles using human lung cells	Karolinska Institutet
2025-2026	Assessing the Feasibility of Microsampling for Measurement of PFAS in Human Blood	Karolinska Institutet
2025-2026	Physicochemical Properties and Bioaccessibility of Metals in Lithium-Ion Battery Black Mass: Implications for Skin Exposure and Risk Assessment	Swedish Environmental Research Institute
2025-2026	Regulation of frataxin expression in human liver spheroids and implications for oxidative stress and ataxia	Karolinska Institutet

2025-2026	The role of two isoforms of the transcription factor ID1 (specifically ID1b) and the interaction with Kif11 in squamous cell carcinomas	Karolinska Institutet
2025-2026	Examination of gene-smoking interaction variants and their role in lung function in sarcoidosis	Karolinska Institutet
2025-2026	Extracellular vesicle signatures of endocrine disruptor effects on embryo development in a stem cell-based model	Karolinska Institutet
2025-2026	Investigating the Impact of Antibiotic Treatment on Mitochondrial Dynamics in Developing Neuronal Cells	Karolinska Institutet
2025-2026	A novel antioxidants as Prophylactic Treatment to Attenuate Graft-versus-Host Disease	Karolinska Institutet
2025-2026	Toxicological and functional assessment of novel histone deacetylase inhibitors in a genetic zebrafish model of tumorigenesis	Karolinska Institutet
2025-2026	Interrogating the effects of environmental factors on the expression of non-coding region variants linked to IBD risk using zebrafish	Karolinska Institutet
2025-2026	A transposon mutagenesis study in Pseudomonas aeruginosa clone C	Karolinska Institutet
2025-2026	Effect of endocrine disruptive chemicals on human hypothalamic neuron differentiation and function	Karolinska Institutet
2025-2026	Use of Human Liver Spheroids to Predict siRNA Drug Specificity, Toxicity, Stability and Metabolism	Karolinska Institutet
2025-2026	Role of tRNA regulation in cellular responses under stress	University of Cambridge, UK
2025-2026	Investigation of potential endocrine disruption activity for selective industrialchemicals within the REACH and CLP regulation, a case study	Perstorp
2025-2026	In Silico Modelling of Aquatic Toxicity	Research Institutes of Sweden
2025-2026	Investigating the role of UNG2 and APOBEC3A/B in cellular responses to drug-induced toxicity.	Karolinska Institutet
2025-2026	Next-generation pregnancy PBK model for PFAS - Mechanistic incorporation of toxicokinetic processes using in vitro data	Swedish University of Agricultural Sciences
2025-2026	Prediction of PFAS serum levels in the adult population by Bayesian modelling: Incorporating temporal trends and drinking water exposure scenarios	Swedish University of Agricultural Sciences
2025-2026	Assessing the Impact of Glucocorticoid Receptor-Mediated Endocrine Disruption on Mouse and Human Neurodevelopmental In Vitro Models	Uppsala University