

Drittmittelvorhaben des BfR im Jahr 2012

Projekte gefördert durch die Europäische Union, die Europäische Behörde für Lebensmittelsicherheit (EFSA), die Europäische Chemikalienagentur (ECHA) und die Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ):

Zeitraum	Kurzbezeichnung	Thema
04/2008–09/2013	ESNATS	Embryonic Stem cell-based Novel Alternative Testing Strategies
05/2008–12/2013	EFSA focal point	Germany's national focal point on technical and scientific matters
07/2008–06/2013	SafeGuard	Sound Animals and healthy Food within the Euregio Guaranteed by an United Approach
01/2009–12/2013		North Sea Ballast Water Opportunity
04/2009–12/2012		Unterstützung bei der Entwicklung von Strukturen und Institutionen zur Verbesserung des gesundheitlichen Verbraucherschutzes in der Volksrepublik China
09/2009–11/2012	PERFOOD	Perfluorinated Compounds in our Diet
10/2009–09/2013	CFT/EFSA/CEF/2009/02	Examination and drafting of summary data sheets on toxicity data related to the evaluation of substances to be used in consumer products
03/2010–02/2013	Nanogenotox	Safety evaluation of manufactured nanomaterials by characterisation of their potential genotoxic hazard
10/2010–09/2013	AniBioThreat	Bio-Preparedness on measures concerning prevention, detection and response to animal bio-terrorism threats
12/2010–06/2013	CFP/EFSA/DATEX/2010/02	Pilot study in the view of a Pan-European dietary survey – Adolescents, adults and elderly (PILOT-PANEU)
12/2010–06/2012	CT/EFSA/AHAW/2010/05	Contribution of meat inspection to animal health surveillance
01/2011–12/2014	MIRABEL	Model Integrated Risk for Allergy , Bayesian Estimation for Life quality (MIRABEL)

Third-party funded projects of the BfR in 2012

Projects funded by the European Union, the European Food Safety Authority (EFSA), the European Chemicals Agency (ECHA) and the German Society for International Cooperation (GIZ):

Period	Abbreviated designation	Topic
04/2008–09/2013	ESNATS	Embryonic Stem cell-based Novel Alternative Testing Strategies
05/2008–12/2013	EFSA focal point	Germany's national focal point on technical and scientific matters
07/2008–06/2013	SafeGuard	Sound Animals and healthy Food within the Euregio Guaranteed by an United Approach
01/2009–12/2013		North Sea Ballast Water Opportunity
04/2009–12/2012		Support for the development of structures and institutions to improve consumer health protection in the People's Republic of China
09/2009–11/2012	PERFOOD	Perfluorinated Compounds in our Diet
10/2009–09/2013	CFT/EFSA/CEF/2009/02	Examination and drafting of summary data sheets on toxicity data related to the evaluation of substances to be used in consumer products
03/2010–02/2013	Nanogenotox	Safety evaluation of manufactured nanomaterials by characterisation of their potential genotoxic hazard
10/2010–09/2013	AniBioThreat	Bio-Preparedness on measures concerning prevention, detection and response to animal bio-terrorism threats
12/2010–06/2013	CFP/EFSA/DATEX/2010/02	Pilot study in the view of a Pan-European dietary survey – Adolescents, adults and elderly (PILOT-PANEU)
12/2010–06/2012	CT/EFSA/AHAW/2010/05	Contribution of meat inspection to animal health surveillance
01/2011–12/2014	MIRABEL	Model Integrated Risk for Allergy , Bayesian Estimation for Life quality (MIRABEL)
01/2011–11/2012	CFT/EFSA/DCM/2011/01	Update of the EFSA Comprehensive Food Consumption Database (Tender Update Database)

Zeitraum	Kurzbezeichnung	Thema
01/2011–11/2012	CFT/EFSA/DCM/2011/01	Update of the EFSA Comprehensive Food Consumption Database (Tender Update Database)
01/2011–08/2014	QSAFFE	Quality and Safety of Feeds and Foods for Europe
01/2011–01/2015	QNano	A pan-European infrastructure for quality in nanomaterials safety testing
12/2011–08/2013	CFP/EFSA/BIO-MO/2011/01	Implementation and testing of electronic submission in XML format of zoonoses, zoonotic agents, animal population, antimicrobial resistance and food-borne outbreaks data in the European Union
11/2011–12/2012		Health and Environmental Hazards of Solid Bulk Cargoes
02/2012–01/2016	TDS_Exposure	Total Diet Study Exposure
05/2012–09/2014	Nanopinion	Monitoring public opinion on Nanotechnology in Europe
01/2012–12/2014	PROMISE	Consumer: PROtection by microbial risk Mitigation through combatting SEgregation of expertise
10/2012–06/2015	e-H@C HUPAction	Entwicklung eines Systems zur Verbesserung des Informationsaustausches innerhalb der organisatorischen Infrastruktur im Interesse einer schnelleren Detektion, Monitorings und Beherrschung von EHEC und anderen human-pathogenen Bakterien in der Wertschöpfungskette Gemüse in der Euregio Rhein Waal

Durch Bundesbehörden und die Deutsche Forschungsgemeinschaft (DFG) finanzierte Drittmittelvorhaben des BfR:

Zeitraum	Kurzbezeichnung	Thema
01/2008–06/2012	Modell-Kontam	Erarbeitung von Methoden und des Informationsbedarfes zur Modellierung der Konsequenzen absichtlicher Ausbringung von Agentien
07/2008–04/2012	Metabolismus	Entwicklung eines Biotransformationssystems für die metabolische Aktivierung von validierten <i>In-vitro</i> -Systemen zur Prüfung auf Embryotoxizität (Metabolismus)
01/2009–01/2012	Matrixeffekte	Mechanismen und Minimierung von Matrixeffekten in der quantitativen Spurenanalytik mit Elektrospray-Massenspektrometrie

Period	Abbreviated designation	Topic
01/2011–08/2014	QSAFFE	Quality and Safety of Feeds and Foods for Europe
01/2011–01/2015	QNano	A pan-European infrastructure for quality in nanomaterials safety testing
12/2011–08/2013	CFP/EFSA/BIOMO/2011/01	Implementation and testing of electronic submission in XML format of zoonoses, zoonotic agents, animal population, antimicrobial resistance and food-borne outbreaks data in the European Union
11/2011–12/2012		Health and Environmental Hazards of Solid Bulk Cargoes
02/2012–01/2016	TDS_Exposure	Total Diet Study Exposure
05/2012–09/2014	Nanopinion	Monitoring public opinion on Nanotechnology in Europe
01/2012–12/2014	PROMISE	Consumer: PROtection by microbial risk Mitigation through combatting SEgregation of expertise
10/2012–06/2015	e-H@C HUPAction	Developing a system to improve information exchange within the organisational infrastructure in the interest of the more rapid detection, monitoring, and control of EHEC and other human pathogenic bacteria in the value chain vegetables in the Euregio Rhine Waal

Third-party funded BfR projects financed by federal authorities and the German Research Foundation (DFG):

Period	Abbreviated designation	Topic
01/2008–06/2012	Modell-Kontam	Development of methods and identification of information needed to model the consequences of the intentional release of agents
07/2008–04/2012	Metabolism	Development of biotransformation for the metabolic activation for the metabolic activation of validated <i>in-vitro</i> -systems to test for embryotoxicity (Metabolism)
01/2009–01/2012	Matrix effects	Mechanisms and minimise matrix effects in quantitative trace analysis by electrospray mass spectrometry

Zeitraum	Kurzbezeichnung	Thema
09/2009–02/2013	Lebensmittelallergene	Entwicklung von innovativen Schnelltest- und Screeningverfahren zum wirkungsbezogenen Nachweis von Lebensmittelallergenen vor Ort in der Produktentwicklung und -kontrolle
06/2009–05/2012	Go3R-Suchmaschine	Go3R – Entwicklung und Etablierung einer semantischen Suchmaschine für Alternativmethoden zu Tierversuchen
09/2009–02/2012	Moltox	Entwicklung prädiktiver <i>In-vitro</i> -Tests zur sicherheitstoxikologischen Prüfung auf Entwicklungsneurotoxizität ; Projektleitung und Teilprojekt 1 – Phase II (Moltox)
12/2009–12/2012	Rotaviren	Charakterisierung des zoonotischen Potenzials zu Rotaviren des Geflügels
01/2010–12/2013	SFB 852	Ernährung, intestinale Mikrobiota und Wirtsinteraktionen beim Schwein
11/2010–02/2014	VibrioNet	VibrioNet: Vibrio-Infektionen durch Lebensmittel und Meerwasser in Zeiten des Klimawandels
07/2010–06/2013	Contact Allergen	„ Contact Allergen Activated T-Cell (CAATC)-Assay“ mit dendritischen Zellen der Haut: Sensibilisierungsnachweis über den Endpunkt LC-induzierte Expression von linienspezifischen T-Zell-Transkriptionsfaktoren
08/2010–10/2013	NanoGEM	Nanostrukturierte Materialien – Gesundheit, Exposition und Materialeigenschaften
08/2010–12/2012	Gase 2	Erweiterte Prävalidierungsstudie zur Prüfung der toxischen Wirkung von inhalativ wirksamen Stoffen (Gase) nach Direktexposition von Lungenzellen des Menschen an der Luft-/Flüssigkeitsschicht; Teilprojekt 4
09/2010–04/2013	HET-MN	Prävalidierung des HET-MN (Hen's Egg Test – Micronucleus Induction) als Ersatzmethode zur <i>In-vivo</i> -Mikrokernprüfung an Nagern
10/2010–09/2014	SiLeBAT	Sicherstellung der Futter- und Lebensmittelwarenkette bei bio- und agro-terroristischen (BAT)-Schadenslagen (SiLeBAT)
10/2010–10/2013	MedVet-Staph	Verbund MedVet-Staph: MRSA in der Lebensmittelkette (IP3)
11/2010–10/2013	RESET	Verbund RESET: Charakterisierung neuer Resistenzmechanismen (IP1) und Risikobewertung der Resistenzen (IP2) gegen β -Laktam-Antibiotika mit erweitertem Wirkungsspektrum (ESBLs) und (Fluoro)quinolone

Zeitraum	Kurzbezeichnung	Thema
11/2010–10/2013	gastrointestinale Barriere	Interaktion zwischen Metabolismus und Transport von toxikologisch relevanten Substanzen in der gastrointestinalen Barriere
02/2011–01/2014	FBI-Zoo 2	Verbund FBI-Zoo 2: Salmonellen in der Geflügel-Lebensmittelkette: Ausbruchspotenzial, Abstammung und Pathogenese (TP12)
10/2011–09/2013	EMIDA LA-MRSA	Methicillin-resistente Staphylococcus aureus -Linien in der Primärproduktion: ubiquitärer Keim, Kontaminant oder Rekontaminant zwischen Tier und Mensch?
10/2011–09/2013	3D-Vollhautmodelle	Verifizierung der metabolischen Kompetenz und Prävalidierung des Comet-Assays an ausgewählten 3D-Vollhautmodellen
10/2011–10/2014	Gene transfer	Molecular mechanism of horizontal gene transfer in pathogenic epsilon-proteobacteria
01/2012–06/2013		Analyse des quantitativen Einflusses der Holzverbrennung auf die Feinstaubkonzentration in Berlin und Brandenburg anhand des Tracers Levoglucosan
04/2012–06/2013		Migrationsuntersuchungen von mit Nanoton dotierten Kunststoffen für den Lebensmittelkontakt
04/2012–06/2014		Klassifizierung von Nanomaterialien nach oxidativem Stresspotenzial auf der Ebene von oxidativen Proteinmodifikationen
07/2012–06/2015	InnoStep	Verbundprojekt: Entwicklung innovativer produktionsintegrierter mikrobiologischer Stufenkontrollsysteme in der Fleischerzeugung zur Reduktion von Campylobacter spp. und Salmonella spp. (InnoStep); Teilprojekt 2
12/2012–08/2015	Schadstoffe Hausstaub	Schadstoffe im Hausstaub : Verbesserung der gesundheitlichen Bewertung durch Ermittlung der tatsächlichen Staubaufnahme von Kindern und Erwachsenen

Period	Abbreviated designation	Topic
09/2009–02/2013	food-borne allergens	Development of innovative rapid test and screening methods for on-site detection of food-borne allergens in product development and control
06/2009–05/2012	Go3R-search	Go3R – development and establishment of a semantic search engine for alternatives to animal experiments
09/2009–02/2012	Moltox	Development of predictive <i>in-vitro</i> -tests of toxicological testing for safety on developmental neurotoxicity ; Project Management and Project 1 – Phase II (Moltox)
12/2009–12/2012	Rotaviruses	Characterisation of the zoonotic potential of poultry rotaviruses
01/2010–12/2013	SFB 852	Nutrition and intestinal microbiota – host interaction in the pig
11/2010–10/2014	VibrioNet	VibrioNet: Climate warming and the emergence of seafood- and waterborne vibrios
07/2010–06/2013	Contact allergen	Development of a contact allergen activated T cell (CAATC) assay using dendritic cells from skin: characterisation of the sensitising potency of chemicals via dendritic cell-induced expression of lineage specific T cell transcription
08/2010–10/2013	NanoGEM	Nanostructured materials – health, exposure and material properties
08/2010–12/2012	Gases 2	Extended prevalidation study to test the toxic effect of inhalable substances (gases) after direct exposure of human lung cells at the air/liquid interface; sub-project 4
09/2010–04/2013	HET-MN	Prevalidation of HET-MN (Hen's Egg Test – Micronucleus Induction) as alternative method to the <i>in-vivo</i> -micronucleus test in rodents
10/2010–09/2014	SiLeBAT	Securing the feed and food chain in the event of biological and agri-terrorist (BAT) damage scenarios (SiLeBAT)
11/2010–10/2013	MedVetStaph	Interdisciplinary research network MedVetStaph: MRSA in the food chain (IP3)

Period	Abbreviated designation	Topic
11/2010–10/2013	RESET	Integrated network RESET: Characterisation of new resistance mechanisms (IP1) and risk assessment of the resistances (IP2) to beta lactam antibiotics with extended spectrum (ESBLs) and (fluoro) quinolones
11/2010–10/2013	gastrointestinal barrier	Interaction between metabolism and transport of toxicologically relevant compounds in the gastrointestinal barrier
02/2011–01/2014	FBI-Zoo 2	Integrated network: Food-Borne Zoonotic Infections of Humans; sub-project: Salmonella in the poultry food chain: outbreak potential, evolution, and pathogenicity
10/2011–09/2013	EMIDA LA-MRSA	Methicillin-resistant Staphylococcus aureus lineages in primary productions: multi-host pathogen, spill-over and spill-back between animals and humans
10/2011–09/2013	3D skin models	Verification of the metabolic competence and prevalidation of the Comet assay in human 3D skin models
10/2011–10/2014	Gene transfer	Molecular mechanism of horizontal gene transfer in pathogenic epsilon-proteobacteria
01/2012–06/2013		Quantitative analysis of the influence of wood combustion on the concentration of particulate matter in Berlin and Brandenburg using the tracer levoglucosan
04/2012–06/2013		Migration analyses for food contact with nanoton doped plastic
04/2012–06/2014		Classification of nanomaterials for potential oxidative stress at the level of oxidative protein modifications
07/2012–06/2015	InnoStep	Collaborative project: Development of innovative production integrated microbiological levels control systems in meat production to reduce Campylobacter spp. and Salmonella spp. (InnoStep); sub-project 2
12/2012–08/2015	Pollutants house dust	Pollutants in house dust : Improving health assessment by determination of the effective dust absorption of children and adults