

Third-party funded projects of BfR in 2015

Research for exposure assessment and for the assessment of biological risks

Period	Acronyme	Topic	Further Information
11/2010–08/2015	VibrioNet	VibrioNet: Climate warming and the emergence of seafood- and waterborne vibriosis	BMBF (FKZ: 01KI1015A) www.vibronet.de
10/2011–03/2015	Gene transfer	Molecular mechanism of horizontal gene transfer in pathogenic epsilon-proteobacteria	DFG (FKZ: STI 201/3-1) http://gepris.dfg.de/gepris/projekt/175974972
10/2012–06/2015	e-H@C HUPAction	Developing a system to improve information exchange within the organizational 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.	EU (II-2-03=201) http://giqs.org/projekte/hupaction
07/2012–08/2015	InnoStep	Development of innovative production integrated microbiological levels control systems in meat production to reduce <i>Campylobacter</i> spp. and <i>Salmonella</i> spp.	BLE (FKZ: 2816801511)
01/2014–04/2017	MedVetStaph-2	LA-MRSA spread from food to consumers	BMBF (FKZ: 01KI1301C)
01/2014–12/2016	RESET 2	RESET-II: Coordinated project: ESBL and (fluoro)quinolone RESistance in EnTerobacteriaceae	BMBF (FKZ: 01KI1313B)
11/2015–11/2018	EsRAM	Development of measures for reduction of antibiotic resistant bacteria along the entire poultry production chain	BLE (FKZ: 2817701614)
01/2015–12/2015	Leptospirose	Consiliary Laboratory for Leptospirosis – Diagnostics and Epidemiology	RKI (FKZ: 1369-365)
06/2015–05/2018	NutriAct	Nutritional Intervention for Healthy Aging: Food Patterns, Behavior, and Products	BMBF www.nutriact.de

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DFG:	German Research Foundation
EFSA:	European Food Safety Authority
EU:	European Union
FKZ:	Project reference number
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Research for the safety of national and international production chains

Period	Acronyme	Topic	Further Information
07/2013–12/2016	ZooGloW	Zoonoses and food safety along global supply chains	BMBF (FKZ: 13N12697)
07/2013–06/2016	SPICED	Securing the spices and herbs commodity chains in Europe against deliberate, accidental or natural biological and chemical contamination	EU (FP7-SEC-2012 – 312631) www.spiced.eu
12/2013–11/2018	EFFORT	Ecology from Farm to Fork Of microbial drug Resistance and Transmission	EU (FP7-KBBE-2013-7-613754) www.effort-against-amr.eu
01/2014–12/2018	Food Integrity	Ensuring the Integrity of the European Food chain	EU (FP7-KBBE-2013-7-613688) https://secure.fera.defra.gov.uk/foodintegrity/index.cfm
12/2015–08/2016	Traceability of products	Project cooperation between BfR and LANUV NRW for the continuously traceability of products	NRW-Projekt

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Research for the detection of contaminants and the assessment of chemical risks

Period	Acronyme	Topic	Further Information
12/2012–02/2016	Pollutants house dust	Pollutants in house dust: Improving health assessment by determination of the effective dust absorption of children and adults	BMUB (FKZ: 3712 62 204)
10/2013–06/2015	GP/EFSA/CONTAM/2013/03	Occurrence of Pyrrolizidine Alkaloids in food	EFSA
02/2013–05/2015	ZENOL	Development and validation of an analysis method for the selective determination of zearalenone in vegetable oils	BMWi (FKZ: 01FS12034)
05/2015–05/2019	EuroMix	European Test and Risk Assessment Strategies for Mixtures	EU (H2020-SFS-2014-2-633172) www.euromixproject.eu

Research for modern methods in toxicology

Period	Acronyme	Topic	Further Information
11/2010–11/2015	Gastrointestinale Barrier	Interaction between metabolism and transport of toxicologically relevant compounds in the gastrointestinal barrier	DFG (FKZ: LA 1177/6-1) http://gepris.dfg.de/gepris/projekt/156632571
11/2013–04/2016	Combiomics	Combiomics – Investigation of mixture effects of <i>in vitro</i>	BMBF (FKZ: 031A267A)
12/2013–06/2016	LivSys	Modelling of the toxome of cultivated human hepatocytes	BMBF (FKZ: 031A270C)
07/2015–06/2018	Okadasäure	Molecular characterization of toxicological properties of the marine biotoxin okadaic acid in <i>in vitro</i> models for the human intestinal barrier and liver	DFG (GZ: LA 1177/11-1)
12/2015–11/2017	PFOA	Molecular mechanisms of the toxicity of perfluorooctanoic acid	DFG (GZ: LA 1177/10-1) DFG (GZ: BU 3060/1-1)
12/2014–09/2015	Nahrungsmittel-kanzerogene	Metabolic activation and inactivation of food carcinogens 5-hydroxymethylfurfural and furfuryl alcohol in humans, mice and rats	DFG (FKZ: MO 2520/1-1)

Research for harmonisation and standardisation of exposure assessments

Period	Acronyme	Topic	Further Information
02/2012–01/2016	TDS-Exposure	Total Diet Study Exposure	EU (FP7-KBBE-2011-5-289108) www.tds-exposure.eu
01/2014–03/2015	REACH-Compliance	Analysis of the data availability from REACH registrations	UBA (FKZ: 3714 67 420 0)
04/2015–03/2016	REACH-Compliance Check – Phase II	Data Availability of High Tonnage Chemicals under REACH, Phase II: In-depth Examination	UBA (FKZ: 3715 67 422 0)
07/2014–06/2016	National monitoring of intoxication	Research project “National monitoring of intoxication”	BMU (FKZ: UM14654010)
04/2015–10/2016	LiquiTabs	Study on hazardous detergents mixtures contained in soluble packaging for single use	EU (30-CE-0702569/00-44-SI2.705912)

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Research for alternatives to animal experiments

Period	Acronyme	Topic	Further Information
04/2014–03/2017	BB3R-Forschung	Berlin-Brandenburg research platform BB3R with integrated graduate education	BMBF (FKZ: 031A262D) www.bb3r.de/projekt/index.html

Research for feed safety

Period	Acronyme	Topic	Further Information
06/2013–06/2016	Tannisil	Improving protein quality of roughages in ruminant nutrition by using silage additives on the basis of condensed tannins	BLE (FKZ: 2813804310)
01/2014–12/2017	Tender Melamin	Tender Melamin	EU (SA/CEN/ENTR/522/2013-11 Contract item: 2013-11.11)
06/2015–12/2018	Tender Mycotoxine	Provision of technical services to NEN	EU (SA/CEN/ENTR/520/2013-17)

Nanotechnology research: detection, toxicology, risk assessment and risk perception

Period	Acronyme	Topic	Further Information
02/2011–07/2015	QNano	A pan-European infrastructure for quality in nanomaterials safety testing	EU (FP7-INFRASTRUCTURES-2010-1-262163) www.qualitynano.eu
10/2012–10/2016	MODENA	Modelling Nanomaterial Toxicity	EU COST-Action (TD 1204)
03/2013–08/2016	NANoREG	A common European approach to the regulatory testing of nanomaterials	EU (FP7-NMP-2012-Large-6-310584) www.nanoreg.eu
11/2013–10/2017	NanoDefine	Development of methods and standards supporting the implementation of the Commission recommendation for a definition of a nanomaterial	EU (FP7-NMP-2013-LARGE-7-604347) www.nanodefine.eu
10/2014–09/2017	DENANA	Design criteria for sustainable nanomaterials	BMBF (FKZ: 03X0152E)
04/2014–03/2017	SoINanoTOX	The toxicity in intestine and liver for nanoparticles used in food and packaging. Determining factors of the toxicity in intestine and liver for two similar sized nanoparticles used in food and packaging: <i>In vitro</i> and <i>in vivo</i> investigation on uptake and mechanisms involved	DFG (GZ: LA 3411/1-1) DFG (FKZ: LA 1177/9-1)
03/2014–03/2016	CEFIC	Science-based grouping of nanomaterials for industrial application of safe-by-design	EU (LRI-N4)
12/2014–11/2016	SeeingNano	Developing and Enabling Nanotechnology Awareness-Building through the Creation and Exchange of enhanced Communication and Visualisation Tools and Guidance for "Seeing at the Nanoscale"	EU (H2020-NMP-2014-2015, Grant Agreement number: 646141)
12/2015–11/2018	NanoToxClass	Establishing nanomaterial grouping/ classification strategies according to toxicity and biological effects for supporting risk assessment	BMBF (FKZ: 03XP0008A)
05/2015–04/2018	nanoGRAVUR	Nanostructured materials – Grouping for occupational health and consumer and environmental protection and risk mitigation	BMBF (FKZ: 03XP0002D)
09/2015–08/2018	NANoREG 2	Development and implementation of Grouping and Safe-by-Design approaches within regulatory frameworks	EU (H2020-NMP-2014-two-stage-646221) www.nanoreg2.eu

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Scientific cooperation

Period	Acronyme	Topic	Further Information
01/2014–12/2016	EFSA focal point	Germany's national focal point on technical and scientific matters	EFSA www.efsa.europa.eu/en/about/partnersnetworks

i Additional information on the projects

Federal Institute for Risk Assessment: www.bfr.bund.de/en > Research > Third party projects of the BfR

Information System for Agriculture and Food Research: www.fisaonline.de > English

Research database of the BMEL (in German): www.bmel-forschung.de