# Third-party funded projects 2024



# Research on authenticity testing of food and feed

Project period	Acronym	Title	Further information
07/2022-06/2025	BioInsectonomy	A circular economic system based on organic side streams using insects as feed for sustainable aquaculture	BMBF (FKZ: 031B1246A) bfr.bund.de > Research > Third party projects of the BfR
02/2020-01/2024	Animal-ID2	Further development and validation of innova- tive methods for traceability and authenticity of animal proteins in food and feed	BMEL (FKZ: 28RZ6IP002) bfr.bund.de > Research > Third party projects of the BfR

# Research on human, animal and environmental health (One Health)

Project period	Acronym	Title	Further information
01/2024-12/2030	EUPAHW	European Partnership on Animal Health and Welfare	EU (GAN: 101136346) www.eupahw.eu
02/2023-12/2027	ADAPT	African One Health Network for Disease Prevention: Building capacity for communicable disease prevention across sub Saharan Africa	BMBF (FKZ: 01KA2218A) bfr.bund.de > Research > Third party projects of the BfR
01/2024-12/2027	JAMRAI 2	Joint Action Antimicrobial Resistance and Healthcare-Associated Infections 2	EU (GAN: 101127787) www.eu-jamrai.eu

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# Research on human, animal and environmental health (One Health)

Project period	Acronym	Title	Further information
01/2024-12/2027	PLANET4HEALTH	Translating Science into Policy: A Multisectoral Approach to Adaptation and Mitigation of Adverse Effects of Vector-Borne Diseases, Environmental Pollution and Climate Change on Planetary Health	EU (GAN: 101136652) planet4health.eu
11/2024-12/2027	RESILIENCE-R-2023	First research action for Medical counter measures performed in the frame of the RESI- LIENCE FPA consortium	EU (GAN: 101168024) bfr.bund.de > Research > Third party projects of the BfR
11/2023-11/2027	TXG-MAP	NAM projects in the areas of AOP develop- ment and transcriptomics for risk assess- ment - LOT 2	EFSA (GP/EFSA/ED/2022/01) bfr.bund.de > Research > Third party projects of the BfR
11/2024-10/2027	AMBROSIA	Bridging Knowledge, Communication, and Action for Food Safety in a Changing Climate	EU (GAN: 101181300) www.ambrosia-project.eu
01/2024-12/2026	FoodGuard	Microbiome applications and technological hubs as solutions to minimize food loss and waste	EU (GAN: 101136542) www.foodguard-project.eu
10/2022-09/2026	HOLIFOOD	Holistic approach for tackling food systems risks in a changing global environment	EU (GAN: 101059813) www.holifoodproject.eu
06/2023-05/2026	KLEOPATRA	Effective cOmbination of Phages and Anti- biotics for improved TheRApy of KLEbsiella pneumoniae	BMBF (FKZ: 01Kl2302B) www.jpiamr.eu/projects/kleopatra
10/2023-03/2026		Tailor-made activity 4.4b: Data Model Mapping Tool	EFSA (GP/EFSA/ENREL/2022/03- SA03) bfr.bund.de > Research > Third party projects of the BfR
10/2021-10/2025	MIRKKOMM	Optimising risk and crisis communications for governments, agencies, and public health organisations	BMBF (FKZ: 13N15900) bfr.bund.de > Research > Third party projects of the BfR



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### Research on human, animal and environmental health (One Health)

Project period	Acronym	Title	Further information
04/2021-03/2025	POLYRISK	Understanding human exposure and health hazard of micro- and nanoplastic contaminants in our environment	EU (GAN: 964766) www.polyrisk.science
02/2024-03/2025		Maintaining the processing factor database and preparing for its migration to IUCLID	EFSA (GP/EFSA/AMU/2020/02- SA15) bfr.bund.de > Research > Third party projects of the BfR
02/2022-01/2025	DECIPHER	Deciphering the "pandemic spheres": Government communication, (social) media discourses on and citizens' responses to COVID-19 in Europe and the USA	DFG (GZ: BE 7574/1-1) bfr.bund.de > Research > Third party projects of the BfR
07/2024-01/2025		Expertise on: Barriers, best practices and recommendations for action for cross-level implementation	Landtag NRW (24148WE)  bfr.bund.de > Research > Third party projects of the BfR
06/2024-12/2024	CaseHCD	Use and Reporting of Historical Control Data	EFSA (NP/EFSA/PREV/2024/03) bfr.bund.de > Research > Third party projects of the BfR
11/2021-10/2024	Catalyst	Strengthening the New Zealand combat against Yersiniosis	RSNZ (New Zealand) (JVH- ESR2001) bfr.bund.de > Research > Third party projects of the BfR
10/2021-09/2024	JATC2	Joint Action on Tobacco Control	EU (GAN: 101035968 ) www.jaotc.eu
11/2020-06/2024	KontRed	Development and implementation of tech- nological procedures for the reduction of microbial contaminants in the poultry and pig slaughtering process	BMEL (FKZ: 281C104B18) bfr.bund.de > Research > Third party projects of the BfR
06/2021-05/2024	FoodDecide	Digital Technologies for Food Safety Decision Support	BMBF (FKZ: 01DS21013A) https://services.d4science.org/ web/fooddecide



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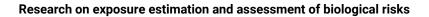
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### Research on human, animal and environmental health (One Health)

Project period	Acronym	Title	Further information
03/2021-02/2024	PROOF-DESFERAL	Deferoxamine (DFO/Desferal®) to accelerate bone healing and treat fracture healing disorders	BMBF (FKZ: 01KC2011B) bfr.bund.de > Research > Third party projects of the BfR
09/2020-02/2024	Allergen-Pro	Establishment and validation of analytical methods for the detailed analysis of allergen profiles in foodstuffs and for the individual characterisation of its allergenic effect in patients	BMEL (FKZ: 281A304A18) bfr.bund.de > Research > Third party projects of the BfR
12/2020-01/2024	RUEDIS	RUEDIS as an information management tool and database for pesticide residues trials and processing studies data	EFSA (GP/EFSA/AMU/2020/02-SA02) bfr.bund.de > Research > Third party projects of the BfR
12/2024-08/2025	CARBA-R-ales	Data generation on Carbapenemase-producing Enterobacterales (CARBA-R-ales) in the food chain in the EU/EFTA	EFSA (GP/EFSA/BIOHAW/2024/01) bfr.bund.de > Research > Third party projects of the BfR



Project period	Acronym	Title	Further information
08/2022-01/2027	MicRisk2030	A novel path for microbial risk assessment towards sustainable food systems: employing Al-based risk management concepts from Stochastic Finance	SNF (Switzerland) (CRSII5_209253/1) bfr.bund.de > Research > Third party projects of the BfR
10/2022-09/2026	FOODSAFER	A Joined-up approach to the identification, assessment and management of emerging food safety hazards and associated risks	EU (GAN: 101060698) bfr.bund.de > Research > Third party projects of the BfR



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# Research on exposure estimation and assessment of biological risks

Project period	Acronym	Title	Further information
04/2023-03/2026		Associations between internal exposure to perfluorinated substances (PFAS) and the risk of cardiovascular diseases and type 2 diabetes in the EPIC-Potsdam study	DFG (GZ: ME 6150/1-1) bfr.bund.de > Research > Third party projects of the BfR
05/2022-12/2025	BruceFit4Infect	Amoebae as a possible ecological niche of atypical Brucella species and fitness ground for preparation of macrophage infection	BMBF (FKZ: 01Kl2112) bfr.bund.de > Research > Third party projects of the BfR
04/2022-12/2025	KIDA	KI- & Daten-Akzelerator	BMEL (FKZ: 28KIDA004) www.kida-bmel.de
01/2017-12/2025	Leptospirose	Reference laboratory for leptospirosis - dia- gnostics and epidemiology	RKI bfr.bund.de > Research > Third party projects of the BfR
05/2024-10/2025	Extension of RAKIP-Web	Extension of the Risk Assessment Knowledge Integration Platform "RAKIP-Web"	EFSA (GP/EFSA/ENRL/2022/03- SA5) https://foodrisklabs.bfr.bund.de/ rakip-initiative/
10/2022-09/2025	Pro-Bio-Huhn	New strategies to reduce disease incidence in organic broiler farming with special consideration of the gut microbiome	BMEL (FKZ: 28210E034) bfr.bund.de > Research > Third party projects of the BfR
09/2022-09/2025	EuroCigua II	Epidemiology of Ciguatera poisoning in the European Union	EFSA (GP/EFSA/KNOW/2022/03-SA2) bfr.bund.de > Research > Third party projects of the BfR
03/2023-08/2025		Impacts of Biocides and Environmental Factors on Conjugative Transfer of Plasmid-Encoded Resistance Genes	AvH bfr.bund.de > Research > Third party projects of the BfR
02/2022-07/2025	AfRota	Antigens and Reassortants for Rotaviruses Circulating in Africa (2nd project period)	DFG (GZ: JO369/5-2) bfr.bund.de > Research > Third party projects of the BfR



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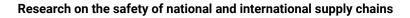
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# Research on exposure estimation and assessment of biological risks

Project period	Acronym	Title	Further information
10/2021-05/2025	Zukunftslabor2030	Future scenarios for consumer protection based on food quality and safety information, innovative measurement methods and artifici- al intelligence	BMEL (FKZ: 28DK126F20) www.zukunftslabor2030.de
05/2022-04/2025	PHAGE-EX	Use of phage applications to combat MRSA at the sow-piglet interface to reduce exposure of staff and contamination of the environment	BMBF (FKZ: 01KI2209A) bfr.bund.de > Research > Third party projects of the BfR
09/2021-11/2024	ZoRaHED	Zoonotic potential of rat hepatitis E virus in Germany	BMBF (FKZ: 01KI2103) bfr.bund.de > Research > Third party projects of the BfR
06/2023-05/2024	HEV-Stability	Stability of hepatitis E virus in meat products	FSVO (Switzerland) (4.23.02) bfr.bund.de > Research > Third party projects of the BfR



Project period	Acronym	Title	Further information
06/2024-05/2034	FutureFoodS	European partnership for a sustainable Future of Food Systems	EU (GAN: 101136361) www.futurefoodspartnership.eu/
12/2022-12/2024	Coaching	Towards an interoperable multi-actor Euro- pean tracing tool ecosystem and a Universal Traceability data eXchange format: From research into practice	EFSA (GP/EFSA/AMU/2020/02-SA11) https://foodrisklabs.bfr.bund.de/ foodchain-lab/
11/2022-12/2024	AI	Al tool on automatic data extraction from RASFF	EFSA (GP/EFSA/AMU/2020/02-SA10) www.zenodo.org/record/4322555



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# Research on the safety of national and international supply chains

Project period	Acronym	Title	Further information
11/2022-12/2024	FCL	Making FCL Software fit for purpose	EFSA (GP/EFSA/AMU/2020/02-SA12) https://foodrisklabs.bfr.bund.de/ foodchain-lab



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

Project period	Acronym	Title	Further information
08/2023-08/2027		Support to EFSA in the Risk Assessment of Food Enzymes, Food Additives, Food Flavou- rings and Feed Additives	EFSA (GP/EFSA/FIP/2022/01) bfr.bund.de > Research > Third party projects of the BfR
06/2021-05/2026	INTAQT	INnovative Tools for Assessment and Authentication of chicken and beef meat, and dairy products' QualiTies	EU (GAN: 101000250) www.h2020-intaqt.eu
06/2019-12/2024		Data collection on adhesives and sealants used in the consumer sector	BMUV (FKZ: UM 1962 0010) bfr.bund.de > Research > Third party projects of the BfR
05/2024-08/2024		Pesticide Metabolites in Drinking Water	WHO (WHO APW 203468065)
02/2020-03/2024	Contaminsect	Contamination status evaluation and safety aspect exploration for an intensified utilization of edible insects in Kenya	BMEL (FKZ: 2819DOKA01) bfr.bund.de > Research > Third party projects of the BfR

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# Research on modern methods in toxicology

Project period	Acronym	Title	Further information
05/2022-04/2029	PARC	Partnership for the Assessment of Risks from Chemicals	EU (GAN: 101057014) www.eu-parc.eu
12/2024-11/2028	RADAR	Renewable and safe Aromatic compounDs As Replacements for substances of concern	EU (GAN: 101178148)
12/2024-11/2028	ENVESOME	The Environmental Exposome and Health	EU (GAN: 101157269)  bfr.bund.de > Research > Third party projects of the BfR
04/2023-04/2027	ADME4NGRA	Implementing the EFSA NAMs roadmap through advancing toxicokinetic knowledge in chemical risk assessment	EFSA (OC/EFSA/MESE/2022/04) bfr.bund.de > Research > Third party projects of the BfR
03/2024-02/2027		Humboldt CAPES-Fellowship - Liver toxicity and non-animal methods (New Approach Methods) in connection with the combination effects of pesticides	AvH (1233884 - BRA-HFSTCAPES-E) bfr.bund.de > Research > Third party projects of the BfR
03/2022-08/2026	Metabolismus von chlorierten Propan- diolen in Ratte und Mensch	Comparative metabolism of 2-monochloro- propane-1,3-diol (2-MCPD) and 3-mono- chloropropane-1,2-diol (3-MCPD) in rats and humans	DFG (GZ: MO 2520/2-1) bfr.bund.de > Research > Third party projects of the BfR
06/2021-05/2026	RISK-HUNT3R	RISK assessment of chemicals integrating HUman centric Next generation Testing stra- tegies promoting the 3Rs	EU (GAN: 964537) www.risk-hunt3r.eu
11/2021-10/2025	PANORAMIX	Science-based risk assessment of real-life chemical mixture scenarios across regulatory boundaries	EU (GAN: 101036631) www.panoramix-h2020.eu
12/2021-07/2025	PARC-NHCP	Coordination of the German National Hub within the framework of the European partner- ship "Partnership for the Assessment of Risks from Chemicals (PARC)" by a National Hub Contact Point	BMBF (FKZ: 01DT21043A) www.eu-parc.eu



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# Research on modern methods in toxicology

Project period	Acronym	Title	Further information
03/2022-04/2025	Hautbiopsien	Skin enrichment of nickel-specific T cell clo- notypes in allergic contact dermatitis	DFG (GZ: SI 2173/4-1) bfr.bund.de > Research > Third party projects of the BfR
05/2022-04/2025	PARC - Mycotoxins	Hazard identification and hazard characte- risation of the mycotoxins enniatins and Alter- naria toxins in order to close data gaps and improve risk assessment for human health	EU (GAN: 101057014) www.eu-parc.eu
05/2022-04/2025	PARC MDC	PARC - Metabolic Disruption	EU (GAN: 101057014) www.eu-parc.eu
05/2022-04/2025	PARC-NGTxC	PARC - NGTx Disruption	EU (GAN: 101057014) www.eu-parc.eu
02/2022-01/2025		The role of xenoestrogens and GPER receptor for centrosome amplification and chromosomal instability in colorectal cancer cells	DFG (GZ: STO 1306/2-1) bfr.bund.de > Research > Third party projects of the BfR
06/2022-09/2024	GenotoxDB	Extension of the EFSA Pesticides Genotoxicity Database	EFSA (GP/EFSA/AMU/2020/02-SA08) bfr.bund.de > Research > Third party projects of the BfR
01/2019-06/2024	EDCMET	Metabolic effects of Endocrine Disrupting Chemicals: novel testing METhods and adverse outcome pathways	EU (GAN: 825762) https://sites.uef.fi/edcmet/
01/2020-06/2024	PERFORCE3	Innovative Training Network on PER and polyfluorinated alkyl substances towards the Future Of Research and its Communication in Europe 3	EU (GAN: 860665) https://perforce3-itn.eu/



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### Research to harmonise and standardise assessments of exposure

Project period	Acronym	Title	Further information
12/2024-09/2027	LLM-FoodEx2	Large Language Models analysis for automa- tic FoodEx2 codification	EFSA (GP/EFSA/ENREL/2022/03-SA6) bfr.bund.de > Research > Third party projects of the BfR
04/2023-12/2026	Gummiadditive	Rubber additives in consumer products	BMUV (FKZ: UM 23 64 0010) bfr.bund.de > Research > Third party projects of the BfR
08/2023-10/2025	PII Non Dietary Exposure	Evaluation of new evidence on Non-Dietary Exposure to Plant Protection Products	EFSA (GP/EFSA/PREV/2022/02) bfr.bund.de > Research > Third party projects of the BfR
04/2024-04/2025	RBR	Inspections and Samples: risk based versus random – phase 2	EFSA (GP/EFSA/ENREL/2022/03-SA4) bfr.bund.de > Research > Third party projects of the BfR
11/2022-07/2024	CAT2-Risk	Critical appraisal tool (CAT) for the evaluation of evidence from animal observational epidemiological studies and Test of a risk modelling tool (Rrisk) in the context of EFSA	EFSA (GP/EFSA/AMU/2020/02- SA13) bfr.bund.de > Research > Third party projects of the BfR



Project period	Acronym	Title	Further information
07/2023-06/2025	ImAi-2	Expanding the scope and reaching regulatory acceptance of the impedance-based eye irritation test	BMBF (FKZ: 16LW0368) bfr.bund.de > Research > Third party projects of the BfR
04/2022-03/2025	MORPHEUS	Further development and application of the E-Morph assay to detect of substance effects based on morphological fingerprints by HT/HC screening	BMBF (FKZ: 16LW0137K) bfr.bund.de > Research > Third party projects of the BfR



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# Research on alternatives to animal experiments

Project period	Acronym	Title	Further information
05/2024-04/2027	Bf3R-VALIDITIE	National validation platform for non-animal test methods for regulatory toxicology	BMEL (321-34711/0001#002) bfr.bund.de > Research > Third party projects of the BfR
07/2022-12/2026	EC3R	3D Bioprinting of humanized liver model for infection and cancer studies	Einstein Foundation Berlin www.ec3r.org
06/2022-12/2025	C3R HeaD	External Validity of the Wildling Mouse Model in Health and Disease	Charité - Universitätsmedizin Berlin <u>bfr.bund.de &gt; Research &gt;</u> <u>Third party projects of the BfR</u>



# Research on functional analytics and early risk detection

Project period	Acronym	Title	Further information
01/2024-12/2027	ENDOMIX	Understanding how endocrine disruptors and chemical mixtures of concern target the immune system to trigger or perpetuate disease	EU (GAN: 101136566) endomix.eu
11/2021-10/2025	SCENARIOS	Strategies for health protection, pollution Control and Elimination of Next generAtion Refractive Organic chemicals from Soil, vado- se zone and water	EU (GAN: 101037509) www.scenarios-project.eu

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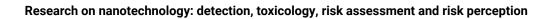
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# Research on feed safety

Project period	Acronym	Title	Further information
02/2022-08/2025	TKplate 2.0	An Open source platform integrating physiologically-based kinetic and physiologically-based kinetic-dynamic models and machine learning models for risk assessment of single and multiple chemicals and biological stressors in animal species	EFSA (OC/EFSA/SCER/2021/07) https://etendering.ted.europa.eu/ cft/cft-display.html?cftId=8859
07/2019-03/2024	PA-SAFE-FEED	Studies on the transfer of pyrrolizidine alkaloids to farm animals	BMEL (FKZ: 2818NA006) bfr.bund.de > Research > Third party projects of the BfR
07/2022-01/2024	ASF-Feed	Survival of African swine fever virus in feed, bedding materials and mechanical vectors and their potential role in virus transmission	EFSA (GP/EFSA/LPHA/2021/09) bfr.bund.de > Research > Third party projects of the BfR



Project period	Acronym	Title	Further information
04/2023-03/2027	NAMS4NANO LOT1	Integration of New Approach Methodologies results in chemical risk assessments: Case studies addressing nanoscale considerati- ons LOT 1: Review of tools and developing a 'Qualification System for NAMs'	EFSA (GP/EFSA/MESE/2022/01) bfr.bund.de > Research > Third party projects of the BfR
04/2023-03/2027	NAMS4NANO LOT 2	Integration of New Approach Methodologies results in chemical risk assessments: Case studies addressing nanoscale considerations LOT 2: Risk assessment case studies	EFSA (GP/EFSA/MESE/2022/01) bfr.bund.de > Research > Third party projects of the BfR



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BMBF: German Federal Ministry of Education and Research

BMEL: German Federal Ministry of Food and Agriculture

BMUV: German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection

BMZ: German Federal Ministry for Economic Cooperation and Development

DFG: German Research Foundation

EFSA: European Food Safety Authority

European Union

MNA: Ministry of Science of Montenegro

Robert Koch Institute

RSNZ: Royal Society of New Zealand

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#### Other abbreviations

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### Research on nanotechnology: detection, toxicology, risk assessment and risk perception

Project period	Acronym	Title	Further information
04/2023-03/2027	NAMS4NANO LOT3	Integration of New Approach Methodologies results in chemical risk assessments: Case studies addressing nanoscale considerations LOT 3: Methodological and generic case studies	EFSA (GP/EFSA/MESE/2022/01) bfr.bund.de > Research > Third party projects of the BfR
01/2021-01/2025	HARMLESS	Advances High Aspect Ratio and Multicomponent materials: towards comprehensive intelligent testing and Safe-by-Design Strategies	EU (GAN: 953183) www.harmless-project.eu
05/2023-04/2024	Alternatives on skin sensitiser in mixtures	Data collection and analysis of alternatives for skin-sensitising substances in consumer mixtures on the EU market	BMUV (FKZ: UM 22 65 0010) bfr.bund.de > Research > Third party projects of the BfR



# **International Collaboration**

Project period	Acronym	Title	Further information
01/2014-12/2027	EFSA focal point	Germany's national focal point on technical and scientific matters	EFSA (GP/EFSA/ENREL/2022/03) bfr.bund.de > Research > Third party projects of the BfR
09/2023-09/2027	SafeGameMeat	Safety in the Game Meat Chain	EU (CA22166) https://www.cost.eu/actions/ CA22166/
01/2021-12/2025	Tunesien	Strengthening Food Safety and Consumer Health Protection in Tunisia	BMZ (FKZ: 2020.0117.0) bfr.bund.de > Research > Third party projects of the BfR
10/2021-10/2025	TEATIME	Improving biomedical research by auTomated bEhAvior moniToring In the aniMal homecagE	EU (CA20135) www.cost.eu/actions/CA20135

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Project period	Acronym	Title	Further information
09/2024-08/2025		EFSA EU-FORA 2024/25: Development of a qualitative risk assessment for meat from wild boar from a one-health perspective	EFSA (EUBA-EFSA-2023-EN- REL-01- GA11) bfr.bund.de > Research > Third party projects of the BfR
09/2024-08/2025		EFSA EU-FORA 2024/25: Assessing allergenic potential, exposure, and risk of Anisakis spp.	EFSA (EUBA-EFSA-2023-E-REL-01) bfr.bund.de > Research > Third party projects of the BfR
08/2023-04/2025	CoCo23	Coordinated Communications - (pilot year 23/24)	EFSA (GP/EFSA/ENREL/2022/03-SA1.1) bfr.bund.de > Research > Third party projects of the BfR
04/2024-04/2025		Initiative Group on Per- and Polyfluoroalkyl substances (PFAS), EFSA Advisory Forum	EFSA (GP/EFSA/ENREL/2022/03- SA4) bfr.bund.de > Research > Third party projects of the BfR
05/2023-11/2024	EEL	Capacity Building European Excellence Label	EFSA (GP/EFSA/ENREL/2022/03) bfr.bund.de > Research > Third party projects of the BfR
09/2023-08/2024		EFSA EU-FORA 2023/2024: Risk Assessment of Food Contact Materials	EFSA (EUBA-EFSA-2022-ENREL- 02-GA03) bfr.bund.de > Research > Third party projects of the BfR
01/2020-06/2024	FoodHub Montenegro	Center of Excellence for Digitalization of microbial food safety risk assessment and quality parameters for accurate food authenticity certification	MNA (Montenegro) www.udg.edu.me/en/research-and- projects/center-of-excellence-food- hub-41
05/2023-04/2024		Development / update of guidelines for Focal Points & World Food Safety Almanac	EFSA (GP/EFSA/ENREL/2022/03-SA1.2) bfr.bund.de > Research > Third party projects of the BfR



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Project period	Acronym	Title	Further information
10/2019-04/2024	COST Harmony	Novel tools for test evaluation and disease prevalence estimation	EU (CA18208) https://www.cost.eu/actions/ CA18208



# Additional information on the projects at:

German Federal Institute for Risk Assessment:

bfr.bund.de > Research > Third party projects of the BfR

Information System for Agriculture/Nutrition: fisaonline.de

Research database of the BMEL: bmel-forschung.de

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