

ANNEX 3 – Science Suppliers

NE/E007899/1	Begon	'Workshop - Predicting Zoonotic Outbreaks: Building on the Plague Threshold Model	Workshop/Network
NE/E008968/1	Hardy	'Impacts of climate change on the risks of biological and chemical environmental contaminants from agriculture to human health	Workshop/Network
NE/E009484/1	Ramsey	'Multiple Links Towards Integrating Teams for Understanding of Disease and Environment - Multitude	Workshop/Network
NE/E008712/1	Horwell	'A network for the study of the properties and respiratory health effects of natural mineral dust	Workshop/Network
NE/E009026/1	Cook	'A UK Network for Environmental and Food Virology	Workshop/Network
NE/E008399/1	Givens	'Environmental impact on health benefits of organic food production	Workshop/Network
NE/E00864X/1	Collins	'Soil, health and environment network	Workshop/Network
NE/E00878X/1	Davidson	'Relating harmful phytoplankton to shellfish toxicity and human health	Workshop/Network
'NE/E009131/1	Macdonald	'Quantifying Biophilia	Working Group
'NE/E00881X/1	Lai	'Outdoor airborne pathogens and human health in the UK	Working Group
NE/E008992/1	Banwart	'Going underground: human pathogens in the soil-water environment	Working Group
NE/E008526/1	Clough	BAMRA: Bayesian Approaches in Microbial Risk Assessment (Working Group)	Working Group
NE/E009352/1	Leake	'Grow your own - health risks and benefits of producing and consuming your own food in urban areas	Working Group
NE/E008054/1	Hawkey	'The application of clinical microbiological methods to the study of MRSA in the environment (discipline hop)	Discipline Hopping
NE/E007732/1	Thomas	'Linking environmental fate and behaviour studies with the toxicology and epidemiology of organic pollutants	Discipline Hopping
NE/E008739/1	Harrison	Determinants of Oxidative Potential, A Health-Based Metric to Assess Particulate Matter Toxicity	Exploratory Award

NE/E007791/1	Donaldson	A proof of concept study for a structure activity model for the toxicity of nanoparticles	Exploratory Award
NE/E008593/1	Doherty	Impacts of Future Environmental Change on Climate- and Air Pollution-Mediated Human Health	Exploratory Award
NE/E009085/1	Salisbury	A study of helminths as novel vectors and reservoirs of human pathogens in the environment, using in-vivo real-time imaging systems	Exploratory Award
NE/E009395/1	Kendall	Nanotoxicology of Fine PM: The Role of Surfactant and Collectins in Short-Term Health Effects of PM Air Pollution	Exploratory Award
NE/E009328/1	Tyler	Strategies to manage toxic cyanobacterial blooms in lakes: remote sensing, modelling and cost benefit analysis	Exploratory Award
NE/E00895X/1	Spurgeon	Modelling and measurement of Cd exposure and pathology in human volunteers living in proximity to a smelter source	Exploratory Award
NE/E009042/1	Few	Seasonal environmental hazards: a multi-disciplinary approach to the analysis of health risks in lower-income countries	Exploratory Award
NE/E008682/1	Grant	Human health risks from contaminated tap water. Can we use microbial ecology to assess the integrity of water distribution systems?	Exploratory Award
NE/E008534/1	Tyrrel	Endotoxin emissions from commercial composting activities	Exploratory Award
NE/E009166/1	Valsami-Jones	Hazards of nanoparticles to the environment and human health	Exploratory Award
NE/E009271/1	Gibson	Model human digestive system for the determination of bioaccessibility of environmental pollutants.	Exploratory Award
NE/E00833X/1	Matthews	An exploratory study investigating the physiochemical characteristics of ambient air particles responsible for the dysregulation of pulmonary genes	Exploratory Award
NE/E008844/1	Nieuwenhuijsen	Born in Bradford: environmental exposure and birth weight	Exploratory Award

NE/E008917/1	Pearson	A preliminary assessment of levels of bioavailable anthropogenic platinum-group, lanthanide and high field strength metals in human tissue and DNA.	Exploratory Award
NE/E008038/1	Begon	Ljungan Virus - an undetected but dangerous zoonotic agent	Exploratory Award
NE/E009565/1	Gallagher	Identification and Verification of Ultrafine Particle Affinity Zones in Urban Neighbourhoods / A Proof of Concept Proposal	Exploratory Award
NE/E008232/1	Stone	Assessing human exposure, uptake and toxicity of nanoparticles from contaminated environments	Exploratory Award
NE/E008313/1	Atkinson	Micronutrient deficiency in maternity and child health: scope for agricultural and educational intervention in soil-food-human transfer	Exploratory Award
NE/E008720/1	Mitchell	Exploratory award: Multiple environmental classification of areas for researching spatial health inequalities	Exploratory Award
NE/E008933/1	Wang	Plant virus infection as a determinant of pollen allergenicity	Exploratory Award
NE/E009336/1	Stephens	Exploring the link between surface structures and toxicity in mineral particles: Case study of induced and intrinsic toxicity in quartz	Exploratory Award

Colour coding: green – particles; yellow – pathogens; white – chemical contaminants; yellow cross-hatched – pathogens and chemicals; blue – biogenic toxins; purple – micronutrient deficiency; brown – health inequalities; grey – biophilia (“green gym”).