Titles of new approved requests for EPIC-Norfolk in 2023 and 2024:

Researcher	Institution	Title of request
Zahra Pasar	University of Aberdeen	Longitudinal changes in blood pressure and intraocular pressure: analysis from the European Prospective Investigation of Cancer (EPIC) – Norfolk
Pratyasha Saha	University of East Anglia	An exploration of dietary inflammation within EPIC and the EPIC-NOAR (Norfolk Arthritis Register) link study
Danial Qureshi/ Thomas Littlejohn	University of Oxford	Association between metabolic syndrome and risk of incident all-cause dementia
Sebastian Walsh/ Lindsay Wallace	University of Cambridge	Three analyses to build the evidence base for population-level dementia risk reduction: (1) Does the Rose Hypothesis apply to dementia?; (2) Does the Compression of Morbidity hypothesis apply to dementia?; (3) To what extent does the relationship between a healthy lifestyle score and dementia actually represent the downstream effects of socioeconomic inequality?
Anthony Khawaja/Robert Luben	University College London	Machine learning using images of hands
Matthijs Boekholdt	Amsterdam UMC	Gene-diet interaction between free fatty acid concentrations, FADS1 genotype, and the risk of coronary artery disease and calcific aortic valve stenosis.
Sara Haque/Fumiaki Imamura/Anthony Khwaja	University of Cambridge	Dietary fat consumption and glaucomatous traits in the EPIC-Norfolk Study
Jamie Blundell/Mike Stubbington	Synteny	T-cell receptor (TCR) repertoires to early cancer detection
Katharina Minkow	University of Cambridge	Are Property Prices Preventing Equal Access to Healthy Environments? A Longitudinal Study of House Prices and Health Outcomes
Tiberiu Pana/ Yun Chih Tsai	University of Aberdeen	Vitamin C intake, supplementation and plasma levels and cardiovascular outcomes: analysis from the European Prospective Investigation of Cancer (EPIC) – Norfolk.
Robert Kullberg	Amsterdam UMC	Associations between plasma metabolomics and the risk of pneumonia
Xiaoming Liu	University of Cambridge	HCAR2 effects on adiposity
Te-Min Ke	University of Manchester	Risk Factors Associated with Pancreatic Cancer in the EPIC Cohort

Consortium Against Pain In Equality (CAPE) Kate Timmins/ Ross Macdonald	University of Aberdeen	The impact of adverse childhood experiences on chronic pain and responses to treatment
Mark Pepys (Nicola Kerrison)	University of Cambridge	Validation of Somalogic SAP measurement by comparison with immunoassay
Tiberiu Pana	University of Aberdeen	Legume intake and mediators of cardiovascular outcomes: analysis from the European Prospective Investigation of Cancer (EPIC) – Norfolk.
Anitra Carr (collaborating with Phyo)	University of Otago, New Zealand	Vitamin C and diabetes research in the EPIC-Norfolk cohort
Magdalena Zoledziewska	IRGB-CRN	Determination of Genetic variability of Immunoglobin isotypes in the EPIC-Norfolk cohort
Richard Aspital	University of Reading	Is there a significant difference between the caloric and nutritional intake of University of Reading Undergraduate students and UKK adults?
Isobel Stewart	MRC Epidemiology Unit	Prospective evaluation of the association of imidazole propionate (ImP) with cardiovascular diseases and mortality in the EPIC-norfolk cohort.
Megan Smith	DPUK (University of Oxford)	Investigating the relationship between the MIND dietary pattern and later cognitive abilities.
Thomas Julian/Cynthia Maldonado	Manchester and Leeds	An exploration of the role of retinal imaging in predicting cardiovascular disease.
Matthijs Boekholdt	Amsterdam UMC	Remnant Cholesterol and Systemic Inflammation: Unveiling their Connection to Cardiovascular Disease
Phyo Myint, Gemma Harrop	University of Aberdeen	The Determinants and Outcomes of Alopecia in the EPIC Norfolk
Alex MacGregor	University of East Anglia	Identifying dietary and metabolomic signatures of arthritis onset and progression
Philip Waggoner	Stanford University	The effect of the herpes zoster vaccine and herpes zoster on vascular inflammation-related health outcomes and cognition outcomes
Joy Edward-Hicks/ Johan Van Der Molen Moris	University of Cambridge	Lipid metabolic regulation of inflammation and disease during ageing
Eryk Jan Grzeszkowak	University of Reading	Predicting diet-related traits from polygenic risk scores for dietary preferences
Jian'an Luan	MRC Epidemiology Unit	TG-lowering is upstream of potential insulin sensitivity improvements with ANGPTL4

Matthijs Boekholdt/ Tinka Van Trier	Amsterdam UMC	Long-term associations of atherosclerotic risk factors with cardiovascular manifestations across arterial territories in the EPIC Norfolk prospective population cohort
Dharani Yerrakalva	MRC Epidemiology Unit	Association of change in physical behaviours and subsequent dementia diagnosis: an EPIC-Norfolk analysis
Yihai Liu	Nanjing Medical University	Association between 4-Hydroxyphenylacetic acid and incidence and prognosis of cardiovascular diseases
Lara Vehovec/ Fumiaki/Solomon Sowah	Helmholtz Munich	Association of European Plant-Based Diet Index (ePDI) with All-Cause Mortality and Multi-Morbidity Outcomes
Jose D. Barroso Ribal	DPUK (Canarias University (UFPC))	Relationship between Cognitive Decline and Antineoplastic Treatments
Jamie Scott	University of East Anglia	Investigating the associations between non-protein dietary factors, clinical biomarkers, nutritional biomarkers and skeletal muscle mass, strength, and physical function in the EPIC-Norfolk cohort.
Ken Smith/Paul Lyons	University of Cambridge	Leveraging pleiotropy to interrogate the common variant architecture of the most common inborn error of immunity
Kirk Smith/ Magdalena Sevilla-Gonzalez	The Broad Institute / Massachusetts General Hospital	Genome-scale modeling elucidates metabolic differences between genetic subtypes of type II diabetes
Karen Brandt/ Piril Hepsomali	University of Roehampton	Effects of diet type on Neuropsychological diseases
Rosa Thuemmler	University of University of Aberdeen	Cardiovascular disease among patients with prevalent cancer: the European prospective Investigation into cancer – Norfolk prospective population cohort study.
Danilo de Paula	Federal University of Rio, Grande do Sul, Brazil	Device-measured physical activity and incident diabetes
Yaqing Gao	University of Oxford	Association between Neuroticism and risk of incident all-cause dementia
Jinqi Fu/ Jamie Blundell	University of Cambridge	Pairing the extracted T-Cell Receptor with Cancer-Associated Peptides
Jude Onunkwo/Fumiaki Imamura	University of Cambridge	Behavioural Impact of Diabetes Prevention on All-cause Mortality and Non-Communicable incidence and Mortality
Thomas Littlejohns/ Wenyu Liu	University of Oxford	Serologically measured infectious diseases in association with dementia risk and cognitive outcomes…

Ema De Lucia Rolfe	MRC Epidemiology Unit	Prediction of lean mass and its distribution using 3D mesh technology and measures of strength and frailty
Waylon Hastings	Tulane University School of Medicine	Metabolomic Aging in General Population and During Caloric Restriction
Ravi Jain	Domina Therapeutics, Inc	Understanding the correlation between lithium use and dementia
Luke Till/Claire WIlliams	University of Reading	The Association between Soy Intake and Cognitive Outcomes: A Retrospective Analysis of the European Investigation of Cancer Norfolk Cohort (EPIC-Norfolk)'s Third Health Check Point."
Mohammed Hamdan	Baylor College of Medicine,	Metabolomic Perturbations in Carriers of Pathogenic Inborn Error of Metabolism Variants
Anwesha Lahiri	MRC Epidemiology Unit	Associations of carbohydrate quantity and quality with total and cause-specific mortality, and incidence of cardiovascular disease and type 2 diabetes.
Thomas Littlejohns/ Wenyu Liu (collaboration)	University of Oxford	Effects of diet type on Neuropsychological diseases
Valentina Escott-Price	DPUK/ Cardiff University	Swarm Learning-Based PRS
Mengqi Qiu	University of Cambridge	Health, Housing and the Built Environment: A Spatial Analysis of Multimorbidity Dynamics
Tej Pandya /Marcellus Augustine	Francis Crick Institute, London	Are transcriptomic markers of AT2 cell proliferation present in the blood prior to diagnosis of lung cancer?
Honglin Chen	Stanford University	Investigation of Age-Related Trends and Metabolic Disease Correlations of Myristic Acid in the EPIC-Norfolk Cohort
Tugba Hato	Heidelberg University	Bayesian Diffusion Decision Modeling of response time data
Cynthia Sandor	Imperial College London	Development of Advanced Machine Learning Approaches for the Identification of Blood Signatures Predicting non-motor symptoms announcing Parkinson's Disease
Tabea Schoeler	University of Lausanne	Genome-wide association study of age-related decline
Emma Todd	Deakin University	The Global burden of disease Lifestyle And mental Disorders Project: The risk of common mental disorders attributable to dietary and other lifestyle factors in the EPIC-Norfolk Cohort
Emma Todd	Deakin University	Predicting 18-month probable depression with demographic and lifestyle factors using diagnostic machine learning in the EPIC-Norfolk Cohort

Isobel Stewart	MRC Epidemiology Unit	Association of formylmethionine with incident hypertension
Yanning Xu	Erasmus University Medical Center	Natural course of thyroid function in an aging population: an individual participant data analysis
Sasha Milton	University of California San Francisco	Sleep, physical activity, and risk of dementia: Gene-environment interaction study
Gracia Habib	Amsterdam UMC	Addressing Cardiovascular Risk Assessment in Women: Female-specific recalibration of SCORE2 and SCORE2-OP in the EPIC-Norfolk prospective population cohort
Xiaolan Chen	Hong Kong Polytechnic University	Deep Learning Retinal Vessel Analysis System for Systemic Diseases Prediction
Isobel Stewart	MRC Epidemiology Unit	Association of sugar alcohols with incident cardiovascular disease in EPIC-Norfolk
Harry Sokol/Rand Fatouh	Sorbonne Université	Tryptophan metabolites as predictor of Inflammatory bowel disease, Rhumatoid arthritis and Spondylarthritis onset.
Fumiaki Imamura	MRC Epidemiology Unit	Associations between fish consumption, omega-3 fatty acid biomarkers, incidence of non-communicable diseases, and all-cause mortality.
Jianping Jia/ Simiao Wang	Xuanwu Hospital	Integrating Proteomics, Biomarkers, and Lifestyle Factors to Identify Predictive Indicators of Dementia and Disease Progression
Mine Koprulu	MRC Epidemiology Unit	Replication for PromarkerD score (is a biomarker-based blood test designed to predict kidney function decline in people with type 2 diabetes
Matthijs Boekholdt	Amsterdam UMC	What is the association between the risk factors hsCRP, Lp(a) and LDL-C on cardiovascular events in men and women in the large prospective EPIC-Norfolk study with over 20 years of follow-up?
BingJie Zheng	Beijing University of Traditional Chinese Medicine	Mendelian randomization analysis reveals causal effects of blood lipid metabolites on diabetic nephropathy
Minjae Won	Sungkyunkwan University	Application of deep learning for investigating various biomarkers related to retinal images
Kelsey Stuart	University College London	The association of plasma metabolites with glaucoma and related traits
Cynthia Sandor/ Marirena Bafaloukou	Imperial college, London	Deriving variables from raw medication data
Jamie Scott	University of East Anglia	Deriving Vit C supplement variables from FFQ3 supplement raw data

Josine Stuber	Amsterdam UMC	Changes in animal-based and plant-based food sources of protein intake and risk of cardiovascular diseases: A food substitution analysis in the EPIC-Norfolk cohort.
Jacob Brain	Curtin University	Dementia risk prediction modelling: External validation and disease specific modelling
Jianbo Tian	Wuhan University	Genetic profiling of circulating proteome for common diseases
John Campbell	University of Bath	Does physical activity alter the outgrowth of early neoplasia in humans? Investigating relationships between MGUS, lifestyle and systemic inflammation in the EPIC-Norfolk cohort study.
Eugene Gardner	Insmed Inc.	Assay development to quantify NET formation using EPIC-Norfolk samples.
Seb Walsh	University of Cambridge & External	Diet and dementia in EPIC-Norfolk
Jia Yi Lee, Fumiaki	University of Cambridge & External	Metabolomic signatures associated with ultra-processed food consumption and their association with cardiometabolic disease risk
Emma Lockwood/Seb Walsh	University of Cambridge	The association between a polysocial risk score and dementia
Lewis Hotchkiss	DPUK (UK)	Integration of Large Language Models (LLMs) within the DPUK Data Portal
Laura Winchester	University of Oxford	Understanding the association of iron as a risk factor for development of dementia
Hao Chen	Guangdong Provincial People's Hospital	Early Prediction and Prevention of Systemic Diseases and Cancers: A Comprehensive Study on Risk Factors and Biomarkers