

Final Numbers NAKO Posters

Abstract ID	Title	Name main applicant	Institution main applicant
N_1_ YoungNAKO	Comparison of modelling strategies to study effects of an exposure on changes in continuous outcomes using data from the German National Cohort [NAKO]	Martina Bouka	Max Delbrück Center for Molecular Medicine and Charité - Universitätsmedizin Berlin
N_2_ YoungNAKO	Association of long-term exposure to air pollution and cardiometabolic multimorbidity: Results from the German National Cohort [NAKO]	Asma'a Alselwi	Institute of Epidemiology/ Helmholtz Munich
N_3_ YoungNAKO	External Environmental Exposure and Cardiometabolic Multimorbidity: Quantile G-Computation Analysis in the German National Cohort [NAKO]	Asma'a Alselwi	Institute of Epidemiology/ Helmholtz Munich
N_4_ YoungNAKO	Waist circumference and grip strength and their joint relations to all-cause mortality in the German National Cohort [NAKO]	Johanna Wirler	Universität Regensburg Institut für Epidemiologie und Präventivmedizin
N_5_ YoungNAKO	The effect of smoking on microbiome composition of the anterior nares in the German National Cohort	Angelika Wassmuth	Institute of Epidemiology and Social Medicine, University of Münster
N_6_ YoungNAKO	Estimating population-level Orthopoxvirus immunity in Germany, 2022 using NAKO and other data sources: serology, vaccination history, and preparedness	Lydia Kisoo	Department of Epidemiology, Helmholtz Centre for Infection Research, Braunschweig
N_7_ YoungNAKO	Feasibility study: exposure matrix for low-dose ionizing radiation within NAKO	Sehajpreet Gill	Leibniz Institute for Prevention Research and Epidemiology- BIPS
N_8	Body composition subphenotypes and cardiovascular risk: validation in the population-based NAKO and UKB imaging cohorts	Elena Grune	Faculty of Medicine at University of Freiburg & Helmholtz Munich
N_9	Cross-sectional Associations of Hip and Knee Joint Endoprostheses with Handgrip Strength and Skeletal Muscle Mass: German National Cohort NAKO Results	Mazen Omar	Poliklinik für Zahnerhaltung, Endodontologie und Parodontologie Zentrum für Zahn-, Mund- und Kieferheilkunde Universitätsmedizin Greifswald
N_10	Factors associated with potentially inappropriate medication use, medication underuse, and overuse in older adults in the German National Cohort	Miriam Degen	Division of Clinical Epidemiology of Early Cancer Detection, German Cancer Research Center [DKFZ], Heidelberg
N_11 <i>[cancelled]</i>			
N_12	Regional Disparities in the Prevalence of Coronal Caries, Periodontitis and Tooth Loss in Germany – Results from the German National Cohort [NAKO]	Birte Holtfreter	University Medicine Greifswald
N_13	Intensity-specific physical activity and mortality in 147,414 adults: a pooled accelerometer analysis	Michael Stein	Helmholtz Munich
N_14	Association Between Long-term Exposure to Air Pollution and Cognitive Function: Insights from the German National Cohort	Qingkui Li	Helmholtz Munich
N_15	Environmental exposures and mental health: a population-based longitudinal study from the German National Cohort [NAKO]	Yanding Wang	Institute of Epidemiology, Helmholtz Munich, German Research Center for Environmental Health [GmbH], Neuherberg
N_16	Depressive Symptoms in Individuals with Kidney Disease: Evidence from the German National Cohort [NAKO]	Nora Hannane	Department of Nephrology, TUM Klinikum rechts der Isar, Technical University of Munich
N_17	Lumbar disc degeneration at scale: population patterns in NAKO and comparison with British cohorts	Matan Atad	Institut für Neuroradiologie TUM Klinikum



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N_18	Cross-sectional associations of the phase angle with early and advanced stages of dysglycemia: results from the German National Cohort	Feiling Ai	EPI/Helmholtz Munich
N_19	Individual-Level Socioeconomic Determinants of Heat-Related Cardiometabolic Vulnerability	Melani Ratih Mahanani	Heidelberg University
N_20	Intersectional inequalities in self-rated health in Germany across sex/gender, migration, and socioeconomic position	S. Claire Slesinski	Helmholtz Munich Institute of Epidemiology
N_21	Unsupervised soft clustering identifies metabolic syndrome subphenotypes associated with risk of adverse outcomes in the German National Cohort [NAKO]	Homa Bazireh	Helmholtz Munich, Ludwig-Maximilians-University München, DZD
N_22	Cross-cohort harmonization of cardiometabolic phenotypes: A comparative study of cardiometabolic multimorbidity and healthy phenotypes in NAKO and UKB	Ilais Moreno Velásquez	Max Delbrück Center
N_23	Feasibility and user acceptance of the eResearch system Prospective Monitoring and Management-App (PIA) in the German National Cohort [NAKO]	Jana-Kristin Heise	Helmholtz Centre for Infection Research
N_24	Habitual dietary intake from baseline to first re-examination – Results from the German National Cohort [NAKO]	Nina Wawro	Helmholtz Munich
N_25	PCLSegNet: Automated Segmentation and Size-based Assessment of Pancreatic Cysts on MRI via Anatomy-Aware Deep Learning Framework	Hanyi Zhang	Universitätsklinikum Heidelberg
N_26	Using machine learning on MuSPAD cohort data to obtain predictors for COVID-19-incidence: A case study with differential privacy integration	Jessica Krepel	Helmholtz-Zentrum für Infektionsforschung GmbH
N_27	Age-specific patterns in colorectal cancer [CRC] and associated dietary factors: Results from the German National Cohort [NAKO]	Virginie Stanislas	Institute of Epidemiology and Prevention, Medical center - University of Freiburg
N_28 <i>[cancelled]</i>			
N_29	Automated Whole-Spine MRI Phenotyping in the German National Cohort: Enabling Population-Based Biomarkers and Spinal Studies	Robert Graf	Institut für Neuroradiologie, TUM
N_30	The associations of physical activity with physical fitness and skeletal muscle mass in the NAKO baseline examination	Julian Brummer	Abteilung Bewegung, Krebsprävention und Survivorship, German Cancer Research Center [DKFZ]
N_31	A Footprint of Human Metabolism in Urine: an Atlas from 5,055 NAKO Participants	Oleg Borisov	Institute of Epidemiology and Prevention, Faculty of Medicine and Medical Center, University of Freiburg
N_32	Comparing Biomarkers of Kidney Function with Self-Reported Kidney Disease in the German National Cohort [NAKO]	Anna Köttgen	Institute of Epidemiology and Prevention, Medical Center - University of Freiburg
N_33	Population Based Reference Values for Spinal MRI Metrics From More Than 30,000 Whole Spine Examinations in the German National Cohort	Philipp Raffler	Institute für Neuroradiologie, TUM Klinikum Rechts der Isar
N_34	Anticholinergic Burden in the German National Cohort [NAKO]: Descriptive Patterns of Anticholinergic Drug Exposure and Utilization	Julie Könnecke	Institute of Pharmaceutical Biology, Goethe University
N_35	Multimodal harmonisation of cardiac imaging in the NAKO cohort: integrating population-based CMR reference data with echocardiographic analysis	Ishan Echampati	University Hospital Heidelberg
N_36	Sex-specific effects of cardiometabolic risk factors on white matter hyperintensity burden: a population-based analysis in the NAKO	Valerie Gleisner	Max Planck Institute for Human Cognitive and Brain Sciences
N_37	Analysis of ultra short-chain PFAS in urines: first human biomonitoring results from the German national cohort [NAKO]	Nadia Obi	University Medical Center Hamburg-Eppendorf, Institute for Occupational and Maritime Medicine
N_38	Analysis of pharmacological management of diabetes mellitus and identification of potential influencing factors	Nele Liesbeth Bößneck	Goethe Universität
N_39	Sex-specific individual and joint associations of environmental exposures with adipose tissue depots in the German National Cohort [NAKO]	Fiona Niedermayer	Institute of Epidemiology, Helmholtz Munich
N_40	How Sex, Age, Adiposity, and Smoking Shape the Human Rib Cage: Evidence from 30,000 Whole-Body MRIs across the German National Cohort [NAKO]	Anatol Aicher	University Hospital of Zurich, Switzerland



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N_41	Associations of major food groups with all-cause mortality in a large sample from the German general population	Paula Stürmer	Institute of Epidemiology, Kiel University
N_42	The interplay of environmental exposures and urbanization with neurocognitive function: findings from the population-based German National Cohort	Katherine Ogurtsova	Institute of Occupational, Social and Environmental Medicine, Heinrich Heine University Düsseldorf
N_43	Subjective memory functioning: Associations with cognition and neuronal volumes	Melina Stark	Universitätsklinikum Bonn
N_44	Utilization Patterns of Ginkgo biloba L. Leaf Extract [GBE] as Anti-Dementia Medication in the German National Cohort [NAKO]	Annika Johanna Scholl	Goethe University, Institute of Pharmaceutical Biology
N_45	Air temperature and cognitive function: investigating short-term associations in the German National Cohort [NAKO]	Nikolaos Nikolaou	Helmholtz Munich
N_46	Prediction of Cognitive Test Scores based on Brain Structure, Health, Demographic and Cognitive Data Across Adulthood	Svenja Caspers	Institute for Anatomy I, Medical Faculty & University Hospital Düsseldorf, Heinrich Heine University Düsseldorf
N_47	AI-Enabled Quality Control and Automated Retinal Phenotyping in Fundus Images From a Nationwide Population-Based Cohort	Camila Roa	Hertie Institute for AI in Brain Health and Tübingen AI Center
N_48	Objective neighbourhood walkability and device-measured physical activity in adults: An OBCT study using multiple cohorts across Europe	Thi Hoang Ha Nguyen	Amsterdam UMC
N_49	Unlocking the Potential of the German National Cohort for One Health: Feasibility Assessment and Recommendations for Future NAKO Research Modules	Dörthe Meyerdierks	Department of Epidemiology, Helmholtz Centre for Infection Research
N_50	Vertebral Number Variations and Their Association with Body Height and Clinical Outcomes	Paul Platzek	Institut für Neuroradiologie, TUM Universitätsklinikum
N_51	Biomechanical Characterization of Intervertebral Discs in Back Pain Using Patient-Specific Finite Element Analysis	Kati Nispel	Technical University of Munich
N_52	Migration and Allergies: A Cross-Sectional Analysis of the German National Cohort [NAKO]	Tatjana Tissen-Diabaté	Charité - Universitätsmedizin Berlin
N_53	A Fully Automated Pipeline for Subject-Specific Torso Modeling and Biomechanical Analysis from MR Imaging in 30,000 Subjects from the NAKO	Kati Nispel	Technical University of Munich
N_54	Short-term air pollution and temperature exposures in relation to ECG markers in NAKO: evidence of bidirectional effect modification	Yujiao Li	Helmholtz Zentrum München Institute of Epidemiology
N_55	Robust PVC Detection Under Domain Shift: Lessons from NAKO and Clinical ECG Benchmarks	Melanie Maier	TUM Universitätsklinikum
N_56	Cognitive function in former professional football players: results of SocchHealth [NAKO]	Marit L Schlagheck	Institute of Sports Medicine, Department of Exercise and Health, Faculty of Science, Paderborn University, Paderborn
N_57	Bridging imaging and genetics: GWAS of kidney volumes using a NAKO-derived segmentation algorithm	Sara Monteiro-Martins	University of Freiburg