

PhD Posters Presented at KI North Conference 2026, October 15

Name	Title of poster	Department Position in Aula Medica		
Ana Chirakadze	Moment-To-Moment Neural Variability During Anticipatory Speech Anxiety	CNS	Level 2	1
Anja L. Winter	Transcutaneous vagus nerve stimulation at olfactory bulb-relevant frequencies modulates human olfactory function	CNS	Level 2	2
Brandon Mills	Cell Based Therapies for Retinal Degeneration	CNS	Level 2	3
Jiahui Li	Deciphering Genetic Heterogeneity Driving Multiple Sclerosis(MS) Using Variational Autoencoders(VAE)	CNS	Level 2	4
Rebecka Albinson Björklund	Self-Admission as a Crisis Intervention in Child and Adolescent Psychiatry	CNS	Level 2	5
Sara Widén	Undervisar du på KI, KTH eller SU? Hjälp oss förstå vad som underlättar och försvårar undervisning för hållbar utveckling!	CNS	Level 2	6
Yicong Liu	Composite Epstein–Barr Virus–Related Antibody Risk Scores for Multiple Sclerosis Prediction: Evidence Supporting Molecular Mimicry	CNS	Level 2	7
Jubayer Mumin	Gestational Age at Birth and Risk of Schizophrenia and Other Non-affective Psychoses: A Swedish Population-based Cohort and Sibling-comparison Study	GPH Level 2	Level 2	8
Amanda Ramilo Amor	Detecting Soluble Immune Biomarkers Associated with the Durability and Quality of SARS CoV 2–Specific Antibody Responses Over Time in Children Undergoing Cancer Treatment	KBH	Level 2	9
Anton Hellberg	Single-nucleus transcriptomics of subcutaneous adipose tissue during weight change in polyendocrine metabolic ovarian syndrome	KBH	Level 2	10
Hjalmar Nobel Norman	The Synesthesia and Autism Twin Study. Can perceptual differences link disparate conditions?	KBH	Level 2	11
Joshua Gertler	Parity, delivery mode and complications in females with anorectal malformations: a national cohort study	KBH	Level 2	12
Louise Steinhoff	Sudden Unexpected Postnatal Collapse (SUPC): Incidence, Risk Factors, and Possible Aetiology	KBH	Level 2	13

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Magnus Aspdahl	Muscle structure, function and physical activity in children with spinal muscular atrophy	KBH	Level 2	14
Matilda Löfström	Sexual violence among young people 16–29 years in Sweden	KBH	Level 2	15
Mohammed Rasul	A Mini-Breast Model for Early Cancer Initiation and Prevention	KBH	Level 2	16
Sara Abu Ajamieh	TENM4: From Target Discovery to Potential Therapeutic Opportunity in Neuroblastoma	KBH	Level 2	17
Theodora Sylaidi	Lithium Treatment Reduces Tumour Growth in a Mouse Model of Group 3 Medulloblastoma	KBH	Level 2	18
Tim Aeppli	Inflammation-induced bone growth retardation in mice is prevented by mechanical loading	KBH	Level 2	19
Alexandros Zampakas	The novel use of iTBS on motor recovery of upper extremity after stroke – results of a pilot testing.	KI DS	Level 2	20
Kajsa Strååt	Baseline Characteristics and Atrial Fibrillation Detection Yield in an Elderly Ischemic Stroke and TIA Population: The AF SPICE Randomized Controlled Screening Study	KI DS	Level 2	21
Karin van Mossevelde	Atrial Fibrillation burden over a 14-day period using a single lead ECG-device: A comparison between the initial 48 hours versus the overall 2-week monitoring	KI DS	Level 2	22
Katherina Aguilera	Non-invasive quantification of lower airway antigen-specific antibodies using exhaled breath particles – an observational proof-of concept study	KI DS	Level 2	23
Malin Einarsson	Life has changed- experiences of living with post-COVID condition and participating in interprofessional rehabilitation	KI DS	Level 2	24
Sonia Miri Hedberg	Cognitive fatigability and altered cerebral perfusion during sustained attention in post COVID-19	KI DS	Level 2	25
Vera Stäheli	Investigating Antibody Translocation Characteristics across Human Nasal Organoid-Derived Epithelial Monolayers	KI DS	Level 2	26

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Joel Freilich	Primary care physicians' understandings of patient-centred communication: a phenomenographic study	LIME	Level 2	27
Karen Oquin	Evaluation of a Brief Contact Intervention (BCI) in Sweden: Methods and Early Lessons Learned in Implementation	LIME	Level 2	28
Karl Rombo	Engaging with the Intangible – Medical Students' Learning with Patients During Authentic Clinical Encounters	LIME	Level 2	29
Kinza Degerlund Maldi	EQ-5D-3L can Capture Differences in Health Between Groups but not Changes Over Time: Real-World Data From 4,878 Patients with Ankylosing Spondylitis	LIME	Level 2	30
Sokratis Nifakos	Who Holds the Keys to Europe's Health Data?	LIME	Level 2	31
Theresa Lemke	Sleep habits and quality in a sample of Swedish adolescents: Associations with suicidal ideation	LIME	Level 2	32
Amanda Borgenstam	Functional role of N- and O-linked glycosylation in Nipah virus glycoproteins	MedS	Level 3	1
Andreas Brutscher	Uncovering the role of Langerhans cells in colonization of human skin by Staphylococcus sp.	MedS	Level 3	2
Johan Thorsson	Spatial Organization of Mucosal Immune Niches Shaped by Microbial Colonization	MedS	Level 3	3
Julia Backman	Elucidating the Drivers of Unilocular Adipocytes: A Matched 3D Culture Comparison	MedS	Level 3	4
Julia Nenonen	Persistent diagnostic delay in patients with mycosis fungoides but no associations with overall survival: findings from a multicenter cohort study	MedS	Level 3	5
Margaux Balduck	Clinical Severity Associates with Host-Microbiome States in Recurrent Vulvovaginal Candidiasis	MedS	Level 3	6
Marina Galesic	Effects of complete B-cell depletion by CD19 CAR T-cell therapy on T cells in patients with myositis	MedS	Level 3	7
Martín Suárez-Álvarez	Spatially resolved gene programs associated with remission in inflammatory bowels disease	MedS	Level 3	8
Min Cai	Increased LDL uptake to adipocytes impairs local and systemic triglyceride handling	MedS	Level 3	9

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Sofia Nordenmalm	Adherence to Treatment Guidelines for Monoclonal Antibodies Against Calcitonin Gene- Related Peptide (CGRPi) in Migraine Prophylaxis – a Register-Based Cohort Study	MedS	Level 3	10
Sofia Papavasileiou	Single-cell omics analysis reveals a disease-specific basophil subpopulation in chronic myeloid leukemia	MedS	Level 3	11
Soham Deolankar	A Web Application for Analyzing Gene Sets and Exploring Gene Dependencies Using CRISPR Screen Data	MedS	Level 3	12
Stefanie Antonilli	Treatment and Thrombosis Shape Bleeding Risk	MedS	Level 3	13
Buse Yel Bektash	Immunomodulatory Mechanisms of Lithium in Bipolar Disorder	MMK	Level 2	33
Csenge Fogarasi	Temporal changes in regional function, edema and myocardial perfusion in Takotsubo syndrome	MMK	Level 2	34
Daniel Andersson	Cardiac Magnetic Resonance for Accurate Final Diagnosis in Patients with Suspected Non-ST-Elevation Myocardial Infarction	MMK	Level 2	35
Gabriella Söderman	Short-term severe complications in laparoscopic and open Hartmann’s reversals within an ERAS protocol	MMK	Level 2	36
Jenny Castaings	Subclinical edema and systolic dysfunction in MINOCA mimics	MMK	Level 2	37
Karin Hedström	Seroma following mastectomy for breast cancer affects nearly half of patients and substantially increases healthcare utilisation	MMK	Level 2	38
Matteus Halabiya	Accuracy of clinical staging compared with the surgical-pathological staging of NSCLC in uniportal VATS segmentectomy and lobectomy	MMK	Level 2	39
Sofija Sundman	An integrated pipeline for identification and prioritisation of smooth muscle cell related drug targets in atherosclerosis from large-scale multi-omics analyses.	MMK	Level 2	40
Stefan Stoisavljevic	Atherosclerotic patients with dementia show increased systemic markers of vulnerability and poorer long-term survival after carotid endarterectomy	MMK	Level 2	41
Xiaohao Wang	Merkel cell polyomavirus oncoprotein promotes BAG3-mediated aggresome formation	OnkPat	Level 3	14
Linglong Huang	A novel cell-segmentation-free image-analyses pipeline identifies complex colorectal cancer perivascular niches associated with outcome	OnkPat	Level 3	15