BLS 2024 Highlights

Queen Mary University of London | **NHS Barts Health** NHS Trust

BARTS LIFE SCIENCES
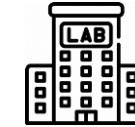DISCOVERY / DIVERSITY / DELIVERY

Early detection of patients at high risk of lung cancer using machine learning model. Clinical trial established with Clinithink/AstraZeneca

Project underway with Clinicians from SBH to identify and screen patients at highest risk of **heart valve disease**

Barts Health Data Platform MVP launched *

Supported NHS PS to **obtain a Resolution to Grant Planning Permission** for a Life Science Cluster in Whitechapel

Trial established at the Royal London **to more efficiently identify patients at highest risk of blood cancer**

Project underway with podiatrists to optimise treatment for **patients at risk of diabetic foot**

Training the future workforce - Barts Health Futures Partnership Agreements signed **with Waltham Forest College** and **City & Islington College**

Supported Developers across North-East London **to create a Life Science Cluster**

Dashboard **improving clinical efficiency and treatment planning for cancer patients**. **Deployed** in Royal London and Royal Marsden

Trial underway at SBH to help reduce patient falls

External finance secured to scope a digital health user platform for our diverse community *

Finalist in the HSJ Awards + **5x growth of LinkedIN followers**

External finance secured to establish **an AI deployment website** to help scale AI tools across Barts Health *

Project underway with Google to create model for **Medical Students to engage patients with empathy.** Discussing **trial with Queen Mary**

Publication of **analysis across 10 Trusts** to better understand **avoidable ED attendance and admissions**

Launched internship initiative **placing local community in healthtech SMEs**

Trial underway with Sanofi to **more quickly identify patients with a rare disease**

Project underway using latest data science techniques to **more quickly identify patients with blood disorders**

~£30m of bids submitted, including with the new **Academic Centre of Healthy Ageing**

Created **network of over 250 SMEs** and project bids submitted or in development for **diabetes, breast cancer and dementia**

* With thanks to Barts Charity