What is NAD?
• Nicotinamide Adenine Dinucleotide (NAD) is an essential cofactor involved in many biological processes including DNA repair, metabolism, circadian rhythm, immunity, injury and stress response, and epigenetics
• If NAD levels are too low, these processes are likely to be affected

Loss of KNYU, HAAO, or NADSYN1 causes birth defects
• Biallelic mutation of these genes in humans causes malformation of the vertebrae, heart, kidneys, and limbs
• We can reproduce these defects in mouse embryos when these genes are knocked out

How is NAD made?

What are we trying to understand?

How can we study NAD deficiency?

Why join us?

Talk to us Wednesday 6th July 2022, 4 – 5:30 pm (Microsoft Teams meeting): Click here to join the meeting