SPOTTING THE BLUE SPOT
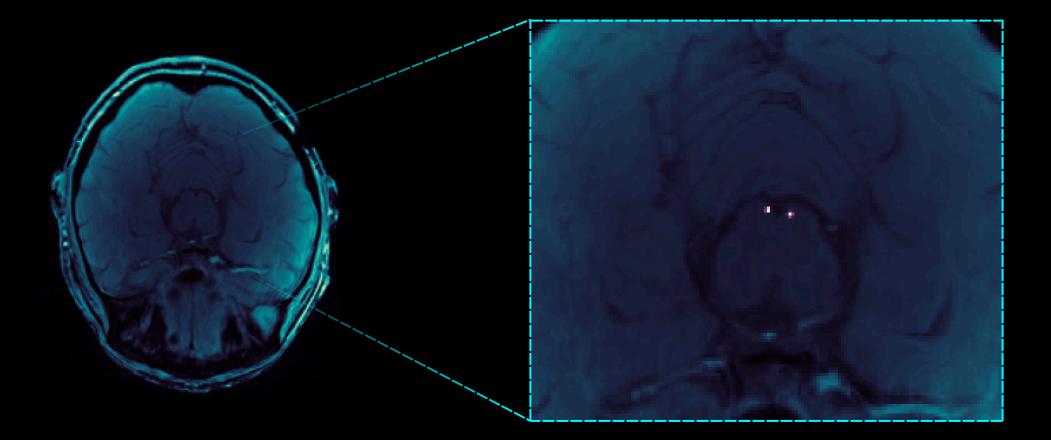
MAX PLANCK INSTITUTE
FOR HUMAN DEVELOPMENT

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SEGMENTATION OF THE LOCUS COERULEUS NOW AUTOMATED

LOCUS COERULEUS, KNOWN AS THE 'BLUE SPOT', IS A SMALL BRAIN STRUCTURE CRUCIAL FOR STRESS RESPONSES. STUDYING THIS REGION REQUIRES PRECISE SEGMENTATION – ISOLATION FROM SURROUNDING AREA. SEGMENTING HELPS RESEARCHERS UNDERSTAND LOCUS COERULEUS ROLE IN HEALTH, INCLUDING **EARLY DETECTION OF BRAIN DISORDERS** LIKE ALZHEIMER'S DISEASE AND DEPRESSION. OUR PROJECT IS TO MAKE THIS TASK AS SIMPLE AND INTUITIVE AS POSSIBLE.