



# Sustainable Development Goals



## Good Health and Well-Being

### 3 GOOD HEALTH AND WELL-BEING



Good health comes with proper nutrition. Without regular and nutritious food, people cannot live, learn, fend off diseases, or lead productive lives. Key goals in this area include: reducing mental health mortality rates; ending neonatal and childhood deaths; combating infectious diseases; preventing and treating drug addiction; and achieving universal health coverage for families.

## Good Health and Well-Being

Professor Dr. Ismail Ibrahim Dawood Salem, a faculty member at Alnoor University, participated as a member of the examination committee for the doctoral dissertation titled "*A Comparative Molecular Study on Carbapenemase Enzymes in Gram-negative Bacilli Isolated from Various Sources*," submitted by student Najla Ahmed Suleiman Al-Sharifi to the Department of Biology, College of Science – University of Mosul. The dissertation addressed the epidemiological, phenotypic, and molecular investigation of beta-lactamase enzymes, with a particular focus on carbapenemase enzymes, which possess a high capability to degrade most beta-lactam antibiotics. The study included bacterial isolates from clinical, environmental, and veterinary sources, framed within the "One Health Approach," which emphasizes the interconnectedness of human, animal, and environmental health in the spread of antimicrobial resistance. At the conclusion of the defense, Dr. Ismail Ibrahim Al-Sinjari received a certificate of appreciation from the college's deanery in recognition of his scientific contribution as a committee member.

