

Grzegorz Grabe PhD, DSc

Grzegorz Grabe is a microbiologist specializing in bacterial pathogenesis and toxin-antitoxin systems. He received a Wellcome Trust studentship and earned his PhD from Imperial College London in 2016 in the group of Prof. David Holden, where he investigated Salmonella virulence mechanisms with a focus on effector proteins. He then pursued postdoctoral research in Prof. Sophie Helaine's laboratory at the CMBI in London and later at Harvard Medical School, studying the neutralization and regulation of Salmonella toxin-antitoxin systems. Currently based at the Intercollegiate Faculty of Biotechnology UG & MUG in Gdańsk, he leads a research group supported by several prestigious grants, including EMBO Installation Grant, NCN OPUS, and FNP First Team. His work focuses on the molecular mechanisms underpinning stress response and virulence in Salmonella.