



RAVIC

Rural & Veterinary
Innovation Centre

Closing the gap between applied epidemiological research and business

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Far more than simply a business incubator, RAVIC's mission is to help drive growth through collaborative enterprise and innovation in Scotland's health, agriculture, and aquaculture industries



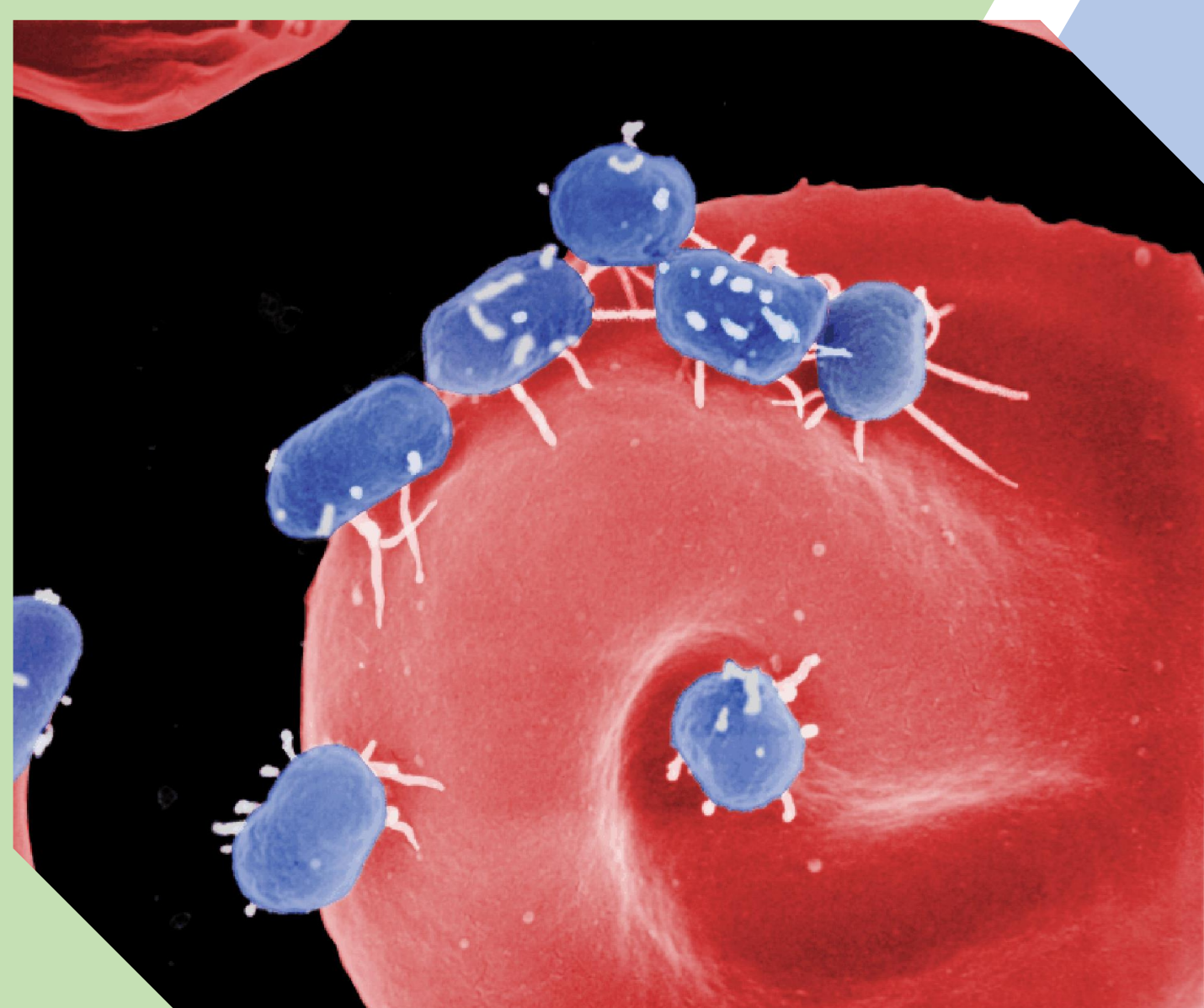
MAXIMISING animal health

RAVIC researchers helped establish nationwide protocols to support Scotland's BVD control & eradication programme, combining epidemiology, economics, and social science to underpin testing strategies and improve farm management practises. This work has helped reduce BVD rates to less than 10% today, with savings of up to £370m to farm businesses. This work contributed to SRUC being awarded the 2023 Queens Anniversary Prize.



OPTIMISING aquaculture management

Gill disease, a major threat to the salmon industry, requires epidemiology research to link cases to causative agents, identify risk factors, and develop suitable technologies that aid both diagnosis and treatment. Led by RAVIC researchers, SRUC helped create an industry wide collaboration for validating potential risk factors and biomarkers, quantifying test performance, and supporting evidence based decision making to better manage salmon health.



SAFEGAURDING human health

Shigatoxigenic E. coli, or STEC for short, are bacteria mainly transmitted through contaminated food and infected livestock that can cause serious illness in humans. RAVIC researchers are investigating novel genetic tests to identify the type and abundance of STEC in food and livestock. Our ongoing surveillance is a key step in preventing transmission of these harmful pathogens into the food chain and safeguarding human health.

INVITATION TO EPIDEMIOLOGICAL INNOVATORS AND ENTREPRENEURS

RAVIC aims to help develop your novel business, technology, product and service innovation. We provide access onsite expertise and infrastructure including fully equipped labs, meeting rooms, and ample collaboration and networking spaces located throughout the 1750m² facility.

