

## **Rumana Newlands**

Research Fellow - Health Services Research Unit, University of Aberdeen

Rumana graduated from the Rajiv Gandhi University of Health Sciences in Pharmacy and obtained an MSc in Public Health and Health Services Research from the University of Aberdeen. She then completed her PhD in Health Sciences in 2016 at the University of Aberdeen.

Rumana is currently a Research Fellow based within the Health Services Research Unit (HSRU) at the University of Aberdeen and has contributed to and led the research activity of several projects: the C-GALL (a randomised controlled trial of uncomplicated gallstone disease) study, the development of a core outcome set (COS) for symptomatic uncomplicated gallstone disease, the TRiaDS implementation Research Programme (Pharmacy, Optometry and Dentistry), the STEER (aimed to develop and pilot theoretically informed, participant-centred, evidence-based interventions to improve retention of participants in clinical trials), the PREP-AI-R (aimed at preparing to evaluate an artificial intelligence assisted diagnostic tool for breast cancer detection in a real-world setting) and the BRIGHT (designing a weight loss/RCT programme involving women treated for breast cancer involving stakeholders).

Currently, she is contributing to two projects: REINFORCE (evaluation of robot-assisted surgical services in NHS) and PARTIAL (a randomised trial of partial vs radical nephrectomy for renal cell carcinoma).

Rumana has previously been involved in prioritisation research activities, which involved systematic identification and prioritisation of community pharmacy services in Scotland, which were perceived to require improvement and/or guideline development. The process involved topic generation involving a range of stakeholders followed by an electronic Delphi survey and topic rationalisation based on feasibility, acceptability, and potential impact for service improvement.

In addition to her research role, she contributes to teaching and other activities such as supervising student projects (MSc and PhD), peer review of journal articles, and developing teaching and training materials whilst also delivering lectures and training sessions. She is also involved in generating strategies for delivering autism-related support in Aberdeenshire and developing the future General Practice Vision (2030-2040) in Grampian, Scotland.

