**PERSON SPECIFICATION (PS)**

This form lists the essential and desirable requirements needed in order to do the job.

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| **Job Title:** | Post-Doctoral Research Assistant | **Job ref no:** | **PPS-0230-23** |
| **Grade:** | 6 | **Department:** | **PPS\_CVRM** |
| **Accountable to:** | **Prof Dirk Werling/Rob Noad** | **Responsible for:** | **N/A** |
| **PS created by/ or reviewed by:** | **Dirk Werling/Rob Noad** | **Date PS created/ reviewed:** |  |

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| **Evidence** | | |
| **Competency** | **Essential** | **Desirable** |
| Knowledge and Experience | A PhD in bacteriology/molecular biology/vaccinology  Scientific curiosity and enthusiasm  Experience in molecular cloning and targeting genes in bacteria.  Knowledge of vaccine development for mycoplasma species. | MSc in Molecular Microbiology, Molecular Biology or Genetics  Experience of qPCR, Western blotting, Flow cytometry and immunohistochemistry, and molecular cloning techniques.  Experience with design and data analysis for next generation sequencing experiments.  Experience of culturing Mycoplasma species.  Experience of genetic manipulation of mycoplasma species.  Experience of culturing cell lines  Experience of experimental infection studies in pigs or other animals. |
| **Planning and Organisation** | Able to manage own time and use initiative without close supervision.  Excellent organisational skills: able to meet deadlines and prioritise |  |
| **Communication** | Excellent communication and interpersonal skills and ability to build good professional relationships within the research team and with collaborators.  Good level of literacy, numeracy, and data management | Experience of communicating research concepts to a lay audience  Good skills to work with commercial companies under GRP/GLP conditions |
| **Analysis & Research** | Experience of writing reports of research findings.  Experience of statistical analysis of data and ability to prepare data for publication in good quality scientific journals.  Record of contribution to publications in peer-reviewed journals | Experience of analysing complex data sets.  Experience of keeping a lab records to GRP/GLP requirements |
| **Teamwork and Motivation** | Able to work as part of a small team and collaborate with other research groups.  Strong motivation towards basic science and vaccine design |  |