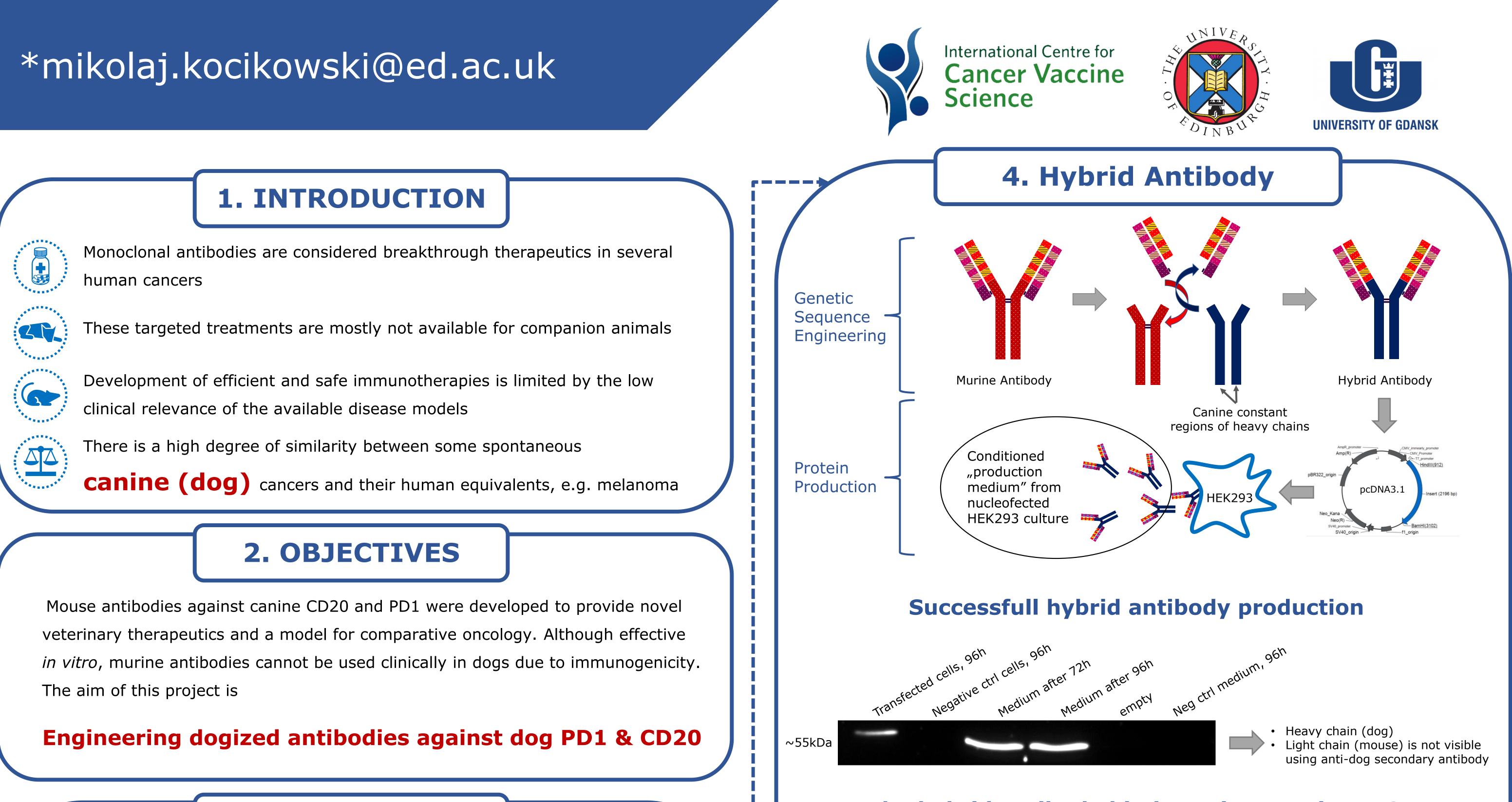
Dogizing Antibodies Against PD1 and CD20

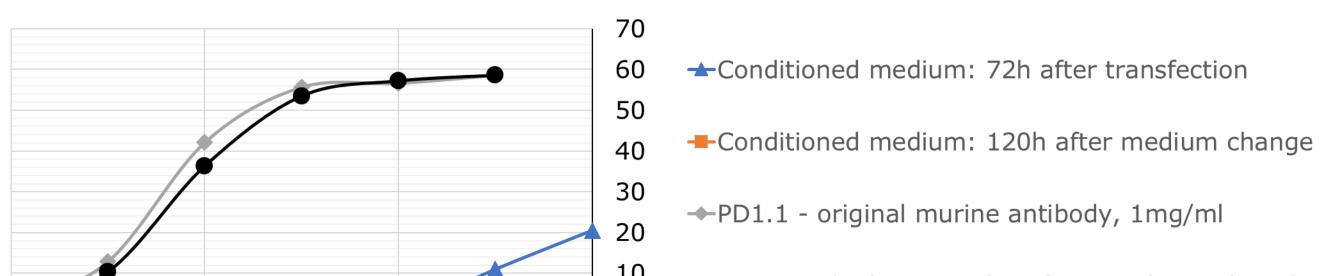
Kocikowski MM^{1,2,3*}, Hupp TR^{1,2,3}, Argyle DJ², Parys M²

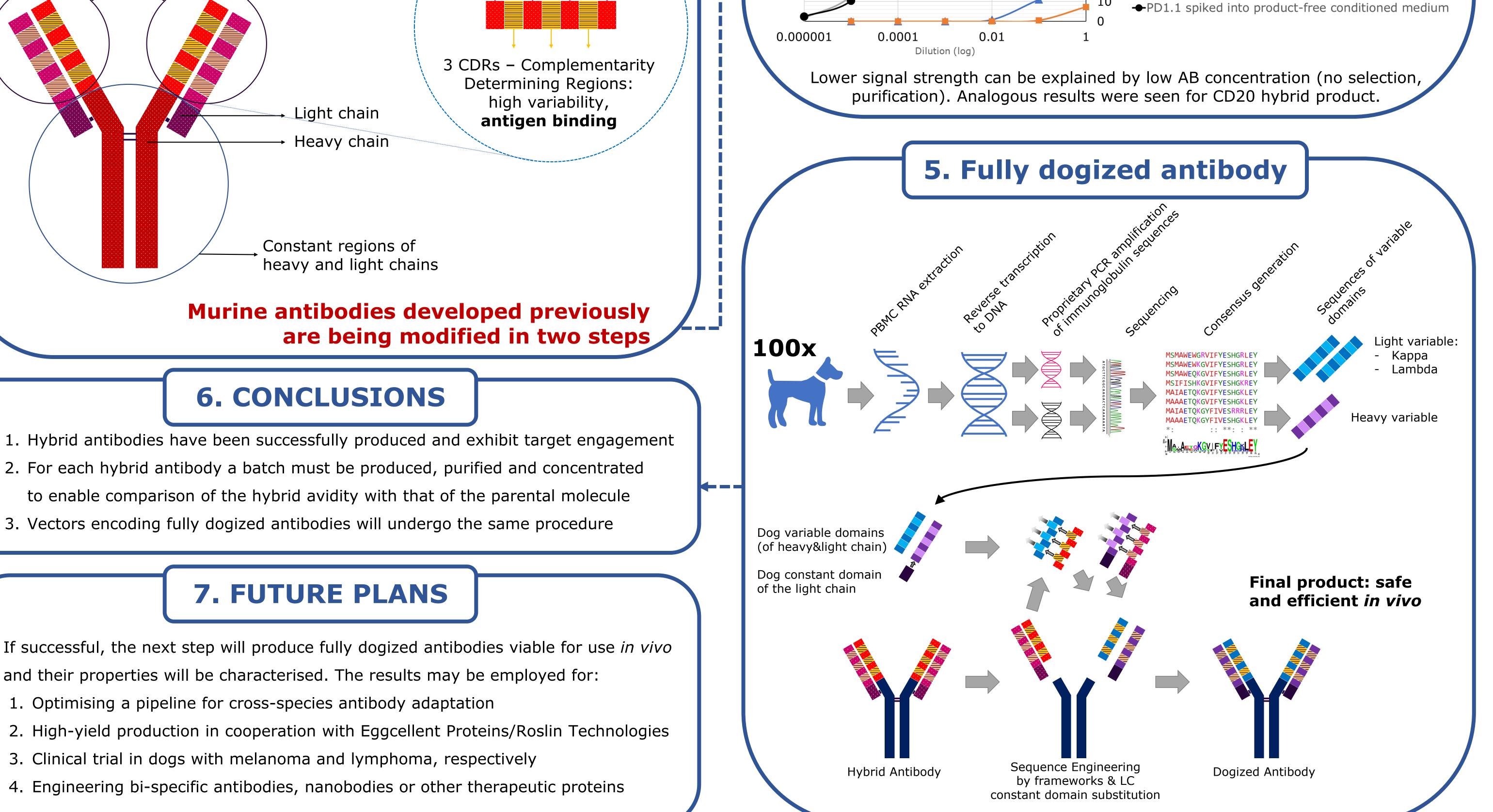






The hybrid antibody binds canine PD1 in ELISA





If successful, the next step will produce fully dogized antibodies viable for use in vivo

- 1. Optimising a pipeline for cross-species antibody adaptation
- 2. High-yield production in cooperation with Eggcellent Proteins/Roslin Technologies
- 3. Clinical trial in dogs with melanoma and lymphoma, respectively
- 4. Engineering bi-specific antibodies, nanobodies or other therapeutic proteins



Foundation for **Polish Science**





1 - International Centre for Cancer Vaccine Science (ICCVS), PL

2 – Univerity of Edinburgh, UK

References: 1 Jain, S. *et al. PLoS One* 11, e0148366 (2016) **2** Parys, M. *et al. Cancer Res.* 78, LB-115-LB-115 (2018)

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3 - University of Gdansk, PL