



Home Office

## NON-TECHNICAL SUMMARY

### Project duration

0 months

5 years

£100,000

£100,000

(a) Basic research

### Key-words

metabolism, epigenetics, ageing

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:KDW V WKH DLP RI WKLW SURMHFW"

3RWHQWLDO EHQHILWV OLNHO\ WR GHULYH IURP WKH S  
RU KRZ KXPDOV DQLPDOV RU WKH HQYLURQPHQW PLJKW  
ZLWKLO WKH GXUDWLRO RI WKH SURMHFW RU OROJ WHL  
ILQLVKHG

:K\ LV LW LPSRUWDQW WR XQGHUWDNH WKLW ZRUN"

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%LRVFLHQFH IRU DQ LQWHJUDWHWRXQGHUWDOGLQJH RRD  
XQGHUVWDOGLQJ RI NH\ ELRORJLFDO PHFKDQLVPV XQGH  
DJHLQJ

+RZ ZLOO \RX ORRN WR PD[LPLVH WKH RXWSXWV RI WK

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([SHFWHG VHYHULW\ FDWHJRULHV DQG WKH SURSRUWLR

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:K\ ZHUH WKH\ QRW VXLWDEOH"

## 5 H G X F W L R Q

([SODLQ KRZ WKH QXPEHUV RI DQLPDOV IRU WKLV SURM  
EHHQ WDNHQ WR UHGXFH DQLPDO QXPEHUV DQG SULQF  
SUDFWLFHV WKDW DUH XVHG WKURXJKRXW WKH SURMHF  
REMHFWLYHV LI DQ\ 7KHVH PD\ LQFOXGH H J SLORW  
DQG UHXVH

+RZ KDYH \RX HVWLPDWHG WKH QXPEHUV RI DQLPDOV \

:KDW VWHSV GLG \RX WDNH GXULQJ WKH H[SHULPHQWD  
EHLQJ XVHG LQ WKLV SURMHFW"

H[ YLY

:KDW PHDVXUHV DSDUW IURP JRRG H[SHULPHQWDO GHV  
DQLPDOV \RX SODQ WR XVH LQ \RXU SURMHFW"



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# 5 H I L Q H P H Q W

\* L Y H H [ D P S O H V R I W K H V S H F L I L F P H D V X U H V H J L Q F U  
P D Q D J H P H Q W W U D L Q L Q J R I D Q L P D O V W R E H W D N H Q L  
F R V W V K D U P V W R W K H D Q L P D O V ' H V F U L E H W K H P H F K  
U H I L Q H P H Q W W H F K Q L T X H V G X U L Q J W K H O L I H W L P H R I W I

: K L F K D Q L P D O P R G H O V D Q G P H W K R G V Z L O O \ R X X V H G X U  
D Q G P H W K R G V F D X V H W K H O H D V W S D L Q V X I I H U L Q J G L '

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+RZ ZLOO \RX UHILQH WKH SURFHGXUHV \RX UH XVLOJ  
DQLPDOV"

— @ À üPDOWH ðAÕRPA`À p QLTÀ F°L`P VLRkZOR"V° PLF° @C DI

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