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# Regenerative Medicine at the Front Line

1 February 2018

**ACCELERATE**  
**INNOVATE**

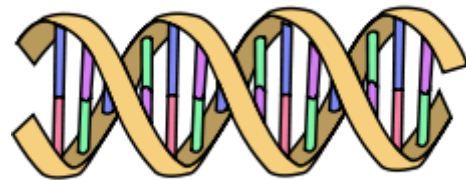
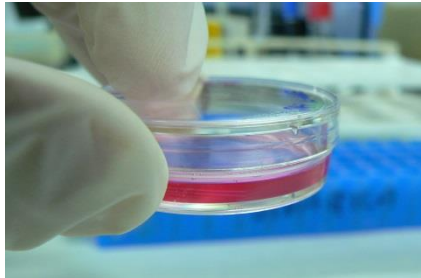
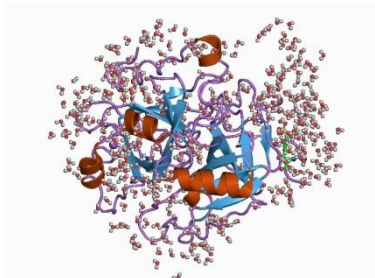


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# Background to the competition

Dr. Abi Spear, Principal Scientist, Dstl

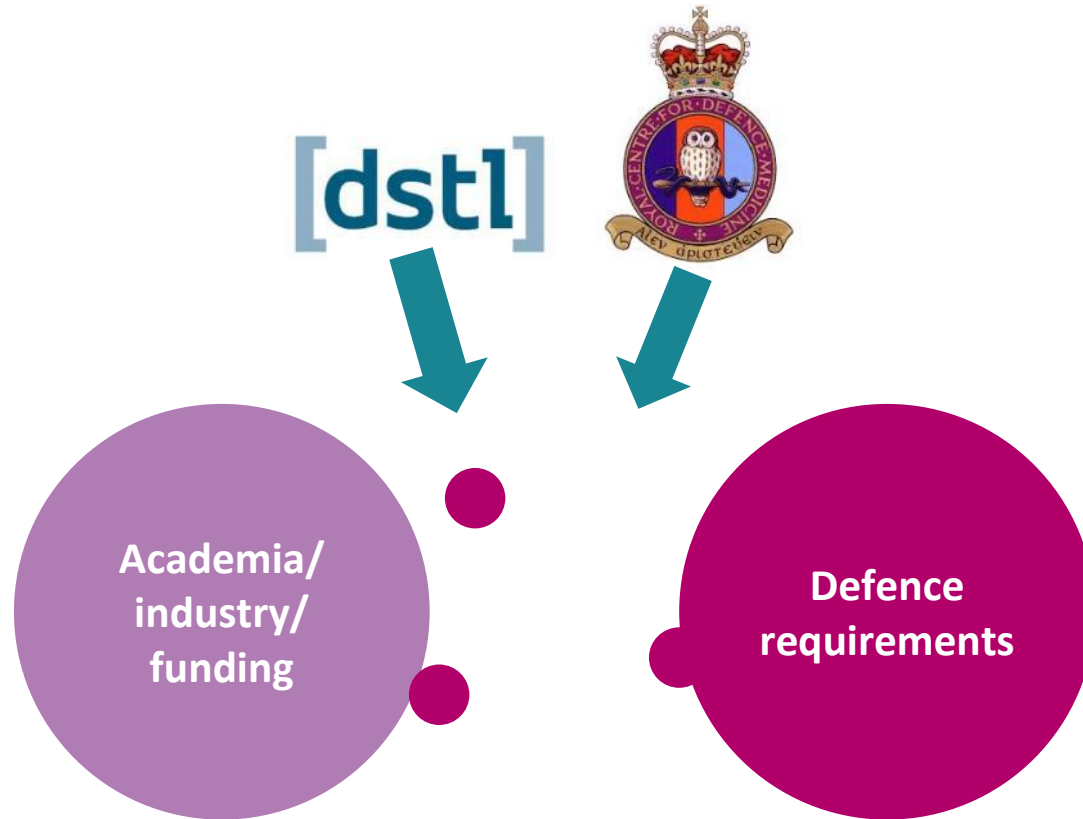
# Regenerative medicine holds great potential for treating people injured as a result of conflict



If, and how, should MOD engage?

All images approved for publication in the public domain

# Review and requirements capture



# Conclusions

1. While a significant amount of high quality regenerative medicine (RM) research is conducted in the UK and internationally, there are still significant research gaps in areas that would meet UK Defence Medical research requirements.
2. RM approaches are applicable throughout the operational patient care pathway (OPCP).



# Research Themes

Engineered blood

Soft tissue  
regeneration

(mechanical and biophysical  
approaches)

Endogenous  
response

Model development  
(*in vitro*, *ex vivo*, *in vivo*)

