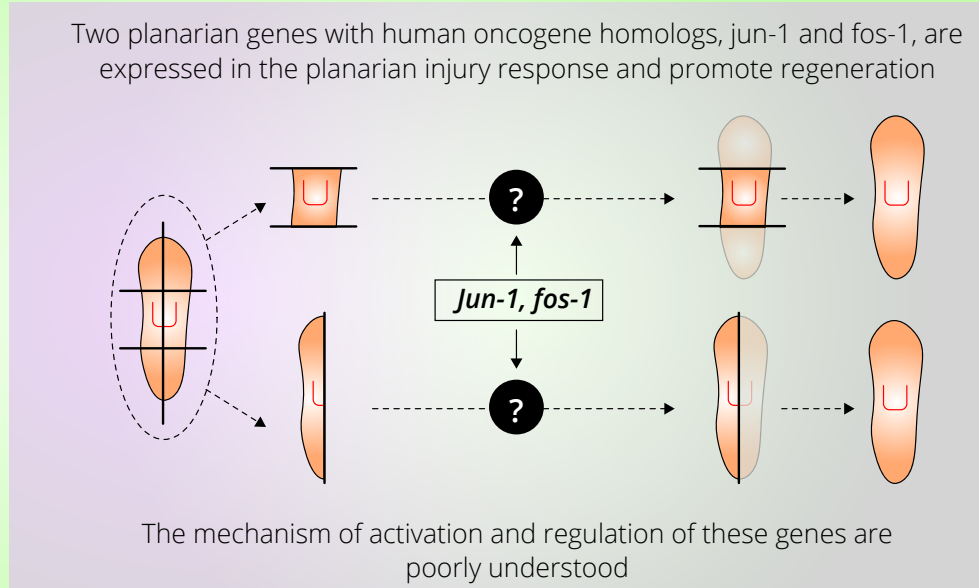
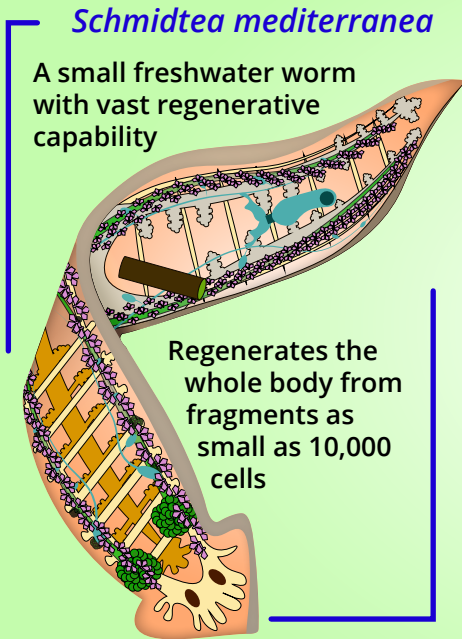


The role of immediate early genes in the activation of jun-1 and fos-1 in the planarian wound response

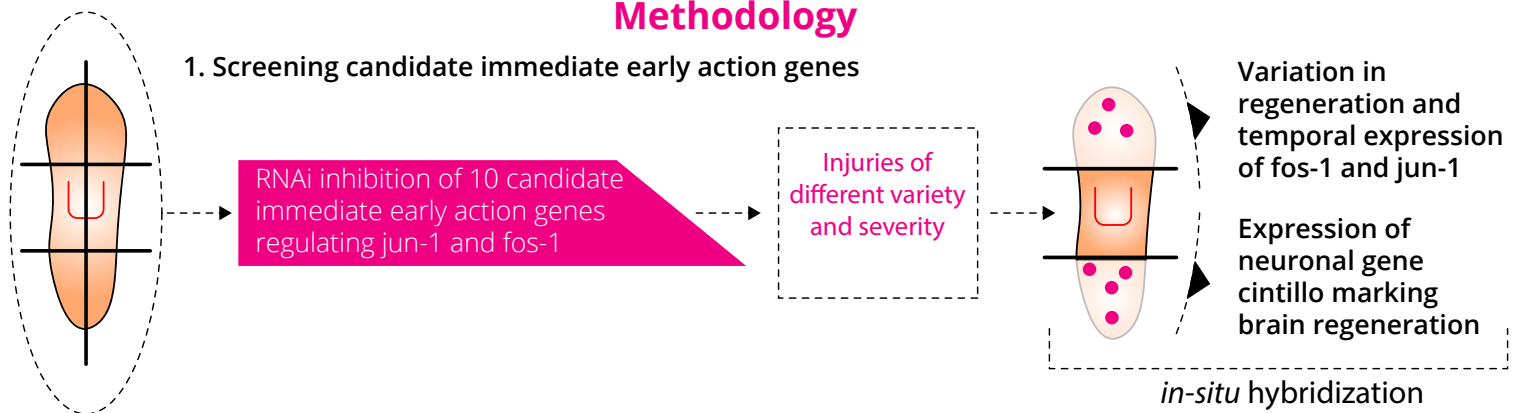
Understanding of complex genetic and cellular mechanism of regeneration in many animal species could lead to groundbreaking enhancements in wound healing in humans as many of those pathways are highly conserved



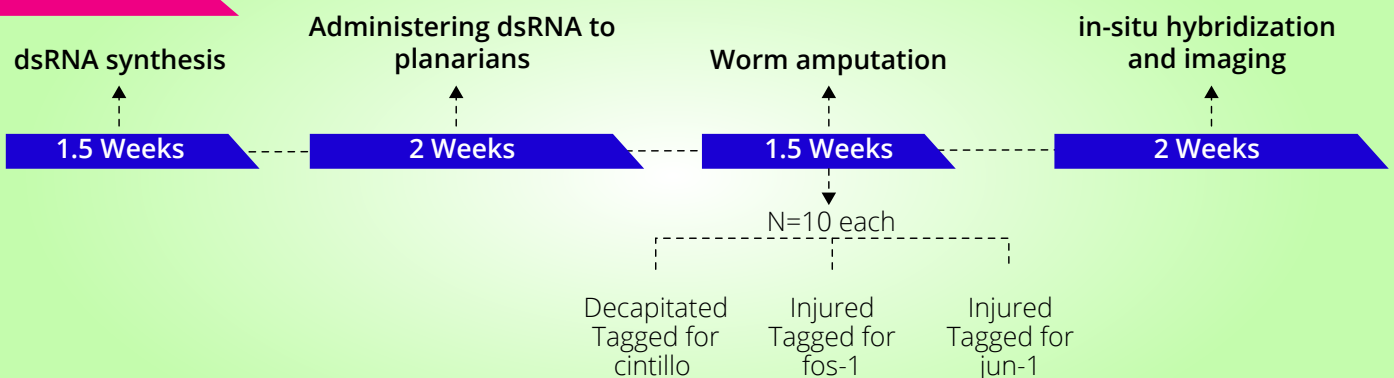
OBJECTIVE

Determining the role of several candidate immediate early action genes in activating the expression of jun-1 and fos-1

Methodology



Timeline



Outcome

- Improved understanding of cellular and genetic mechanism of regeneration in planarian wound response
- Possible invention of innovative wound healing/regenerative methods in humans