

SCI CLINICAL RESEARCH ENGAGEMENT: DEVELOPING AN ACTIVE COLLABORATIVE INTERNATIONAL RESEARCH CULTURE

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SCoRH
spinal cord research hub

The Spinal Research Institute's online collaboration platform SCoRH is supported by



BACKGROUND

Despite research of the last 40 years, there have been few major advances that have benefitted those living with SCI. Improved surgical care, rehabilitation, assistive devices and drugs have increased the survival rates and quality of life but have not been enough to bring fundamental improvement to their daily lives.

THE PROBLEM

Trials have small numbers of participants, i.e. pilot studies → insignificant results

THE SOLUTION

International multi-centre studies to recruit a large N to achieve scientifically valid outcomes.

THE NEED

Networks and partnerships of researchers, consumers, clinicians and funders to work together to undertake large scale research projects.

SPINAL CORD RESEARCH HUB (SCoRH)

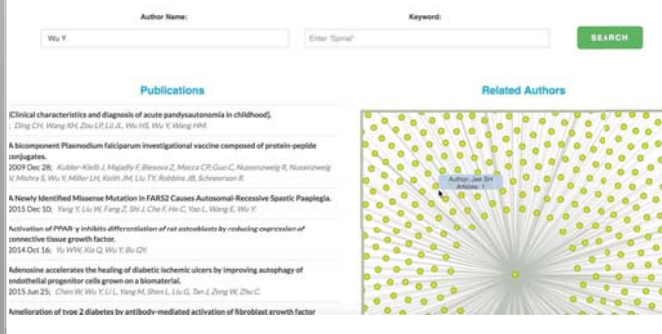
To compliment other groups working globally to make research more productive for people with SCI, the Spinal Research Institute (SRI) is developing an online platform to unite researchers to form international collaborations where they can build camaraderie, mutual respect and develop research projects together.

SCoRH website – launch 2018



SCoRH researcher platform publication tool.

Gain quick access to publications. See who has collaborated with whom.



METHOD

- To develop an online web-based network dedicated to SCI researchers.
- Travel grants and fellowships to support engagement and development of global collaborations
- Hold workshops to facilitate networking, development of research protocols, etc. to facilitate multi-centre research, leading to outcomes that benefit people living with SCI

PROGRESS

- Funding has been secured to build an online platform - SCoRH
- IT platform developer engaged
- A Hub Advisory Group (HAG) formed
 - The HAG, along with other stakeholders, will determine features and governance that will promote collaborations between researchers, clinicians, consumers and funders

CONCLUSION

- By developing a culture of collaborative SCI research, SCoRH will support the development of SCI research from a local to a global focus
- **Ultimate goal: Multi-centre studies that bring improvement to the lives of those with SCI**

Are you a researcher, clinician,
consumer, funder?

This project is for all those interested
in supporting SCI research.

SIGN UP &
STAY IN TOUCH

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REFERENCES

Butler D. Translational Research: crossing the valley of death. *Nature*. 2008; 453(7197):840-842
Munafo M, et al. A Manifesto for Reproducible Science. *Nature Human Behaviour*. 2017; 1(0021)

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