



Australasian Wound & Tissue Repair Society

One Minute With An AWTRS Member

Dr Rachael Moses, Research Associate, University of Melbourne.

1. What are you working on now?

I have a background in assessing novel wound healing therapies using 2D *in vitro* cultures and analysing the wound healing potential of novel pharmaceuticals, derived from the Queensland rainforest. I am now in the process of developing a 3D chronic wound model to better assess novel wound healing therapies.

2. What/who motivates and inspires you?

I am inspired by the potential to help patients suffering with chronic wounds; as part of my MSc Tissue Engineering course, we had the opportunity to visit a chronic wound clinic and see first-hand how these wounds affect patients.

3. Where did you study previously?

I undertook my BSc (Hons), MSc and PhD at Cardiff University in the UK, but was fortunate enough to be a visiting student/scientist at QIMR Berghofer, QLD. This led to my love of Australia, so when the opportunity for a postdoc arose at UoM, I jumped at the chance!

4. What made you choose science?

I have always had an innate curiosity, wanting to problem solve and discover answers, which lends itself well to science research. Biology was the area that interested me the most, as I loved the idea of undertaking research which could have benefits within the medical setting.

5. Who is/was your favourite science teacher and why?

In high school, my GCSE science teachers were amazing, encouraging our curiosity and enthusiasm. As only a few of us took triple science, we were able to perform exciting chemistry experiments and undertake several dissections, providing great anatomy experience.

6. What do you hope to achieve in the next 12 months?

I hope to develop a 3D model consisting of chronic wound fibroblasts and epidermal keratinocytes; in a crucial difference to most 3D models, I am developing this model using all animal-origin-free products.

7. Favourite holiday destination?

During my first lab visit to QIMR Berghofer, I went on a Topdeck trip down the East Coast of Australia, where I did a sky dive over Byron Bay and scuba dived in the Great Barrier Reef! It was an amazing experience, although my family were relieved when I was safely on the ground again.

8. If I wasn't doing this (job), I'd be...

Interested in working in forensic sciences, as it'd satisfy my natural curiosity for answers and I love a good crime thriller! Maybe in my spare time, join a band as I love playing guitar!

9. How can people connect with you and your work? Do you have a website/blog or social media account (Twitter, LinkedIn, Instagram, Facebook) that people and AWTRS can follow? Please list them here:

Email: rachael.moses@unimelb.edu.au

Twitter: @rae_moses

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