Table 1: Roles of our team of investigators in developing the proposed training materials.

	Brooke Anderson	Michael Lyons	Mercedes Gonzalez-Juarrero	Marcela Henao-Tamayo	Gregory Robertson
Improving the Reproducibility of Experimental Data Recording					
• Separating data recording and analysis	Author	Tester			Author
• Principles and power of structured data formats	Author	Author			Tester
• The 'tidy' data format: an implementation of a structured data format	Author		Tester	Author	
• Designing templates for 'tidy' data collection	Author	Tester	Author		
• Example: Creating a template for 'tidy' data collection	Author		Tester		Author
• Power of using a single structured 'Project' directory for storing and tracking research project files	Author		Author	Tester	
• Creating 'Project' templates	Author			Author	Tester
• Example: Creating a 'Project' template	Author		Author	Tester	
• Harnessing version control for transparent data recording	Author	Author			Tester
• Enhance the reproducibility of collaborative research with version control platforms	Author	Tester			Author
• Using git and GitLab to implement version control	Author	Author	Tester		
Improving the Reproducibility of Experimental Data Pre-Processing					
• Principles and benefits of scripted pre-processing of experimental data	Author		Author	Tester	
• Introduction to scripted data pre-processing in R	Author	Author	Tester		
• Simplify scripted pre-processing through R's 'tidyverse' tools	Author		Author		Tester
• Complex data types in experimental data pre-processing	Author		Tester	Author	
• Complex data types in R and Bioconductor	Author	Tester		Author	
• Example: Converting from complex to 'tidy' data formats	Author	Tester		Author	
• Introduction to reproducible data pre-processing protocols	Author	Author			Tester
• RMarkdown for creating reproducible data pre-processing protocols	Author			Tester	Author
• Example: Creating a reproducible data pre-processing protocol	Author			Tester	Author