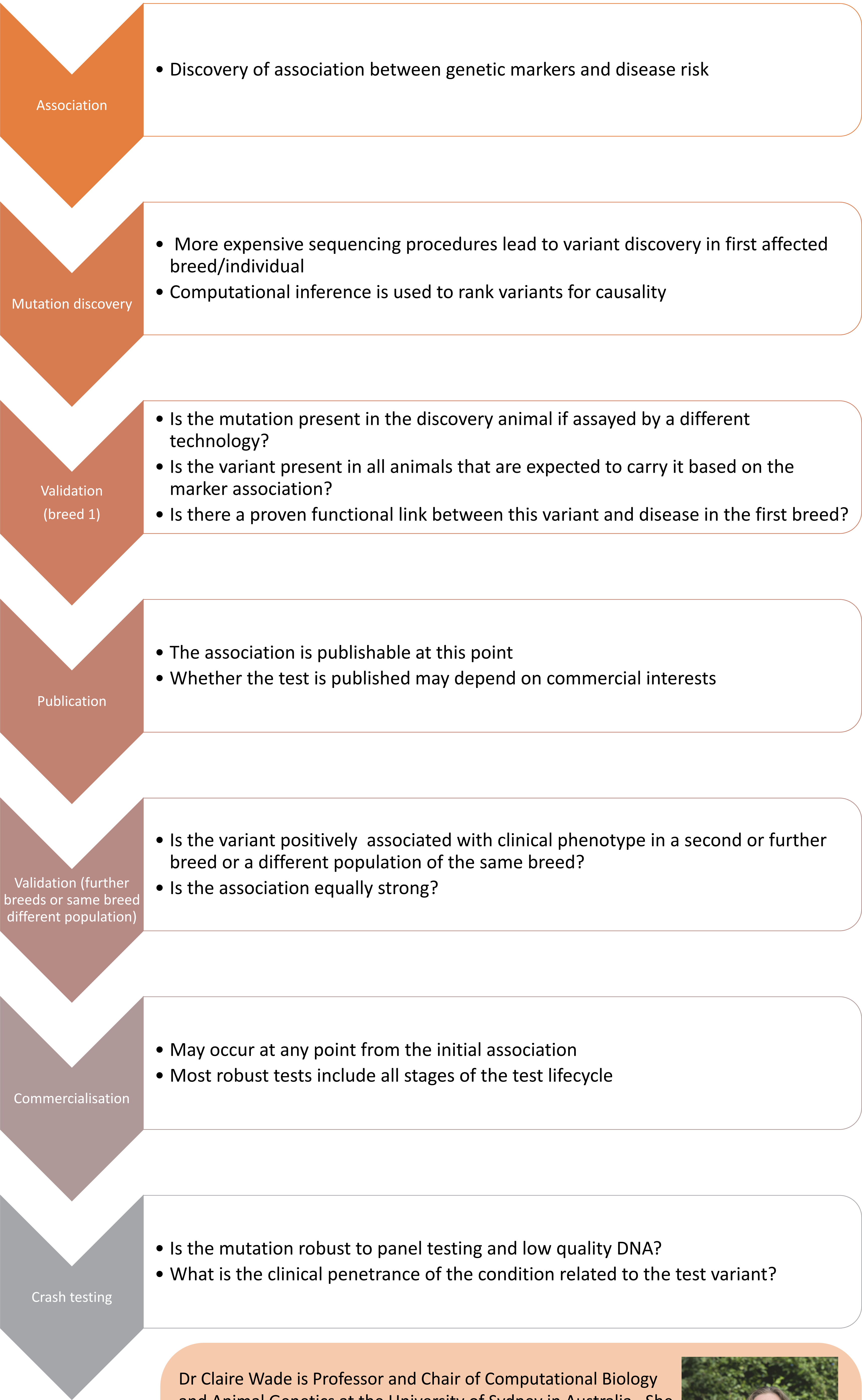




Researcher challenges impacting genetic test quality

- What MOTIVATES us?**
- Improved animal welfare
 - Publications
 - Promotions
 - Scientific status
 - Access to research funding

Challenge	Consequence
Difficult to access case samples	Too few samples for validation. Possible false discovery
Funding based on charitable donations or public money to support test creation	Insufficient remaining funding for test validation. Difficulty in obtaining new funding for test validation
Funding levels insufficient for the employment of high quality research staff	Long lead time to test finalisation. Competing research demands limit time that can be spent on each project.
Fear of intellectual property theft	Publication delay
Fear of intellectual property theft	Peer review delay as laboratories seek period of commercial in confidence for cost recovery
Fear of intellectual property theft	Reluctance to disclose details to peers in conference settings



Dr Claire Wade is Professor and Chair of Computational Biology and Animal Genetics at the University of Sydney in Australia. She is a pioneer in developing canine genetic tests using whole genome approaches.

Claire is an academic editor for Scientific Reports and is a Director on the board of the Royal Dogs NSW Health and Welfare Charity. She is also an occasional breeder of Nova Scotia Duck Tolling Retrievers and an active dog sports participant. She is pictured with “Trouble” (BISS Aust. CH Glenmave In The Fast Lane ORA RN CD QND NRD)