Experimental Failures -Termination of Bad Projects

Bioinfo-core Workshop ISMB'2018 Chicago, IL

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Leading the search for tomorrow's cures

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Experimental Failure has hues and colors

Library Prep Failure

Bioinformatic Failure

Experimental Failure Sample Contamination/ Degradation/ Mislabeling

Capture/ Hybridization Failure

Sequencing Failures Experimental Failures can affect all aspects of project to varying degrees...



Strategies to identify and terminate bad projects?



Multi-Point QC to spot experimental failures



Sample Review



Design Review



Who wants to sign-off another check? Strategies to negotiate termination of bad projects!

- Data quality metrics & Design evaluation
- Coordination with Technologists and PIs
- Financial/Resource accountability

 Limit free time for projects
- Experienced staff to provide oversight and conduct conversations on direction of project, possibly termination of it
- Seek opinion and help from experienced and influential computational faculty colleagues

Acknowledgements



THANK YOU

Q&A