



Technologies to Tools Assessment Panel: Scoring criteria

This document is intended as a guide for Panel members to score applications. It is essential that Panel members consider a range of factors when deciding on the overall score for a proposal.

1. Science/Technology Development and 3Rs potential

Panel members should consider both the excellence of the science/technology development proposed and how this will progress the technology/model towards [mTRL 5-7](#); and the likely 3Rs impact should the proposed development work be successful. In order to help Panel members determine a combined score for the scientific/technology development and 3Rs potential of an application, the NC3Rs uses the scoring system shown below.

2. Overall score

Panel members are asked to score the application from a range of 1 – 10, where one is the lowest score and ten is the highest. Scores should be whole numbers (0.5 integers are not accepted).

Proposals with a median score between seven and ten are considered fundable.

The scoring system should be used to determine the overall science/technology development and 3Rs score to give an application. Panel members should refer to Annex 1 for guidance when determining descriptors. The science/technology development and 3Rs descriptors should be used to form the basis of the overall score.

SCIENCE and TECHNOLOGY DEVELOPMENT	POTENTIAL 3Rs IMPACT				
	Exceptional	Excellent	Very Good	Good	Not competitive
Exceptional	10	9	8	7	5
Excellent	9	8	7	6	4
Very Good	8	7	6	5	3
Good	7	6	5	4	2
Not competitive	5	4	3	2	1

The following table should be used as guidance when determining the appropriate science/technology development and 3Rs descriptors. It is not necessary to meet all of the individual criteria as this is not intended to be prescriptive but rather to provide a general framework.

Science/Technology Development	3Rs
<p>Exceptional</p> <ul style="list-style-type: none"> ▪ Excellent likelihood of success in meeting the deliverables (risks identified and well managed) ▪ Strong team that has excellent potential for collaboration with MDC collaborators ▪ Excellent MDC contributions critical to delivery of the project ▪ Significant market opportunity with excellent commercialisation and uptake plans ▪ Highly original and innovative ▪ Excellent value for money and potential for high return on investment 	<p>Exceptional</p> <p>Potential to have a very high impact on the 3Rs e.g.:</p> <ul style="list-style-type: none"> ▪ Replacing/reducing a large number of animals ▪ Replacing/reducing animals undergoing severe procedures (even if numbers are low) ▪ Applicable to other models or disciplines ▪ Will have a local impact on animal use with a very high likelihood of adoption by other groups nationally/internationally*
<p>Excellent</p> <ul style="list-style-type: none"> ▪ Very good likelihood of success in meeting the deliverables (risks identified and sufficiently managed) ▪ Good team that has potential for collaboration with MDC collaborators ▪ Significant MDC contributions to deliver the project ▪ Very good market opportunity with sufficient commercialisation and uptake plans ▪ Original and innovative ▪ Robust methodology and design (innovative in parts) ▪ Very good value for money and potential for significant return on investment 	<p>Excellent</p> <p>Potential to have a high impact on the 3Rs e.g.:</p> <ul style="list-style-type: none"> ▪ Replacing/reducing a significant number of animals ▪ Replacing/reducing animals undergoing severe/moderate procedures (even if numbers affected are low) ▪ Could be applicable to other models or disciplines ▪ Will have a local impact on animal use with a high likelihood of adoption by other groups nationally/internationally*
<p>Very Good</p> <ul style="list-style-type: none"> ▪ High likelihood of success in meeting the deliverables ▪ Good team that has potential for collaboration with MDC collaborators ▪ MDC contributions appropriate to deliver the project ▪ Good market opportunity and commercialisation and uptake plans ▪ Robust methodology and design ▪ Value for money and potential for return on investment 	<p>Very Good</p> <p>Potential to have a medium impact on the 3Rs e.g.:</p> <ul style="list-style-type: none"> ▪ Replacing/reducing a significant number of animals ▪ Replacing/reducing animals undergoing moderate procedures (even if numbers affected are low) OR replacing/reducing a mild procedure where numbers are high ▪ Could be applicable to other models or disciplines ▪ Will have a local impact on animal use with the likelihood of adoption by other groups nationally/internationally*
<p>Good</p> <ul style="list-style-type: none"> ▪ Good likelihood of success in meeting the deliverables ▪ Good team that has potential for collaboration with MDC collaborators ▪ MDC contributions broadly appropriate to deliver the project ▪ Good market opportunity and commercialisation and uptake plans ▪ Methodologically sound approach ▪ Resources broadly appropriate to deliver the proposal 	<p>Good</p> <p>Potential to have a medium to low impact on the 3Rs e.g.:</p> <ul style="list-style-type: none"> ▪ Replacing/reducing a modest number of animals ▪ Replacing/reducing a mild/unclassified procedure ▪ Not directly applicable to other models or disciplines ▪ Will have a local impact on animal use but unlikely to be adopted more widely*
<p>Not competitive</p> <ul style="list-style-type: none"> ▪ Not likely to meet the deliverables ▪ Weak team and little potential for collaboration with MDC collaborators ▪ MDC contributions not appropriate to deliver the project ▪ Weak market opportunity and commercialisation and uptake plans ▪ Methodologically weak study ▪ Resources inappropriate to deliver the proposal 	<p>Not competitive</p> <p>Will have no (or a very low) impact on the 3Rs e.g.:</p> <ul style="list-style-type: none"> ▪ Will not replace/reduce any animal use ▪ Not applicable to other models or disciplines ▪ Will not have a local impact on animal use or be adopted by more widely*

*Local impact refers to within an applicant's own laboratory and/or institution