**EPAA Designathon on NAM-based solutions**

**Towards a future classification system for systemic toxicity in humans**

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| **PERSONAL/TEAM INFORMATION** |
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| Team name |  |
| Corresponding team member |  |
| Affiliation |  |
| E-mail address |  |
| Other team members |  |
|  |
| **INFORMATION ON THE PROPOSED NAM-BASED SOLUTION** |
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| 1. **Title** of NAM-based solution |  |
| 2. **Brief description** of the proposed solution (abstract format; 250 words max). |  |
| 3. List all **component methods**  |  |
| 4. State if any elements are covered by **Intellectual Property Rights** |  |
| 5. Explain how the data generated by the component methods are **integrated and interpreted** resulting in a classification of High, Medium or Low Concern. What **criteria** did you use to define High, Medium and Low levels of concern?In case some (kinds of) chemicals are **not classifiable with any certainty**, provide an explanation. |  |
| 6. Explain the **scientific basis** of your proposed solution. This may make reference to biological/mechanistic reasoning. |  |
| 7. Have you addressed all **reference chemicals**? If not indicate the subset you have focused on, and the reason why. |  |
| 8. Does your proposed solution include an **expression of uncertainty** in the classification? If Yes, briefly describe the method for characterising the uncertainty. |  |
| 9. Describe any known **limitations** **in the applicability** of the component methods. |  |
| 10. What **next steps** do you propose to further develop and evaluate your proposed solution? If you suggest next steps for which you would need collaboration/support to develop, indicate these. |  |
| 11. Any **additional comments** (optional)? |  |
| 12. Scientific **references** |  |
| 13. **Supplementary materials** (e.g. data, calculations, figures) | Yes / No. Please attach separately |
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| **ADDITIONAL INFORMATION** |
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| The focus at this stage of the Designathon is on the **design and the rationale of the proposed solutions**. Therefore, the following questions are just to provide background information. |
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| 14. In the case of experimental component methods, is there evidence of their **transferability** to another laboratory? | 1) Yes (please give some details)2) No3) Not applicable |
| 15. In the case of experimental component methods, are they **available for use**? | 1) Yes, it is publicly available2) Yes, it is commercially available3) No, but it can be provided upon request4) No5) Not applicable |
| 16. In the case of computational component methods, are they **available for use**? | 1) Yes, a software tool is freely available2) Yes, a software tool is commercially available 3) No, but the code can be provided on request4) No5) Not applicable |