

## Supplementary Material

### An integrative multi-omics workflow to address multifactorial toxicology experiments

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**Table S1:** ANOVA saliences of the AMOPLS model. The table shows which percentage of the variability of each OPLS predictive component can be attributed to each effect. Values marked in bold highlight effect having the largest contribution to each predictive components.

	tp1	tp2	tp3	tp4	tp5	tp6	tp7	tp8	tp9	to
Maturation state	<b>98.6%</b>	0.7%	0.7%	0.7%	2.7%	3.9%	6.6%	5.3%	6.9%	7.8%
Exposure duration	0.2%	<b>91.8%</b>	1.0%	1.0%	3.7%	5.4%	9.1%	7.3%	9.5%	10.7%
TMT concentration	0.2%	1.3%	1.3%	<b>91.9%</b>	4.7%	6.9%	11.7%	9.4%	<b>23.1%</b>	13.7%
Maturation × Exposure duration	0.2%	1.2%	<b>91.7%</b>	1.2%	4.4%	6.4%	10.8%	8.7%	11.3%	12.7%
Maturation × Concentration	0.3%	1.7%	1.8%	1.8%	6.5%	<b>59.0%</b>	15.9%	<b>44.6%</b>	16.6%	18.7%
Exposure duration × Concentration	0.3%	1.6%	1.7%	1.7%	<b>71.5%</b>	8.8%	<b>29.9%</b>	12.0%	15.7%	17.6%
Residuals	0.3%	1.7%	1.8%	1.8%	6.5%	9.5%	16.1%	12.9%	16.8%	<b>18.9%</b>