



ACCESSIBLE INNOVATIVE METHODS FOR THE SAFETY & SUSTAINABILITY ASSESSMENT OF CHEMICALS & MATERIALS

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The CHIAsMA Project has received funding from:



The European Union's Horizon Europe
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Schweizerische Eidgenossenschaft
Confédération suisse
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Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
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National Research
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The CHIASMA R&I Approach

Combining an iterative approach of:

- (1) chemocentric,
- (2) biocentric, and
- (3) new experimental models

into a conceptual framework for data-integration and -processing.

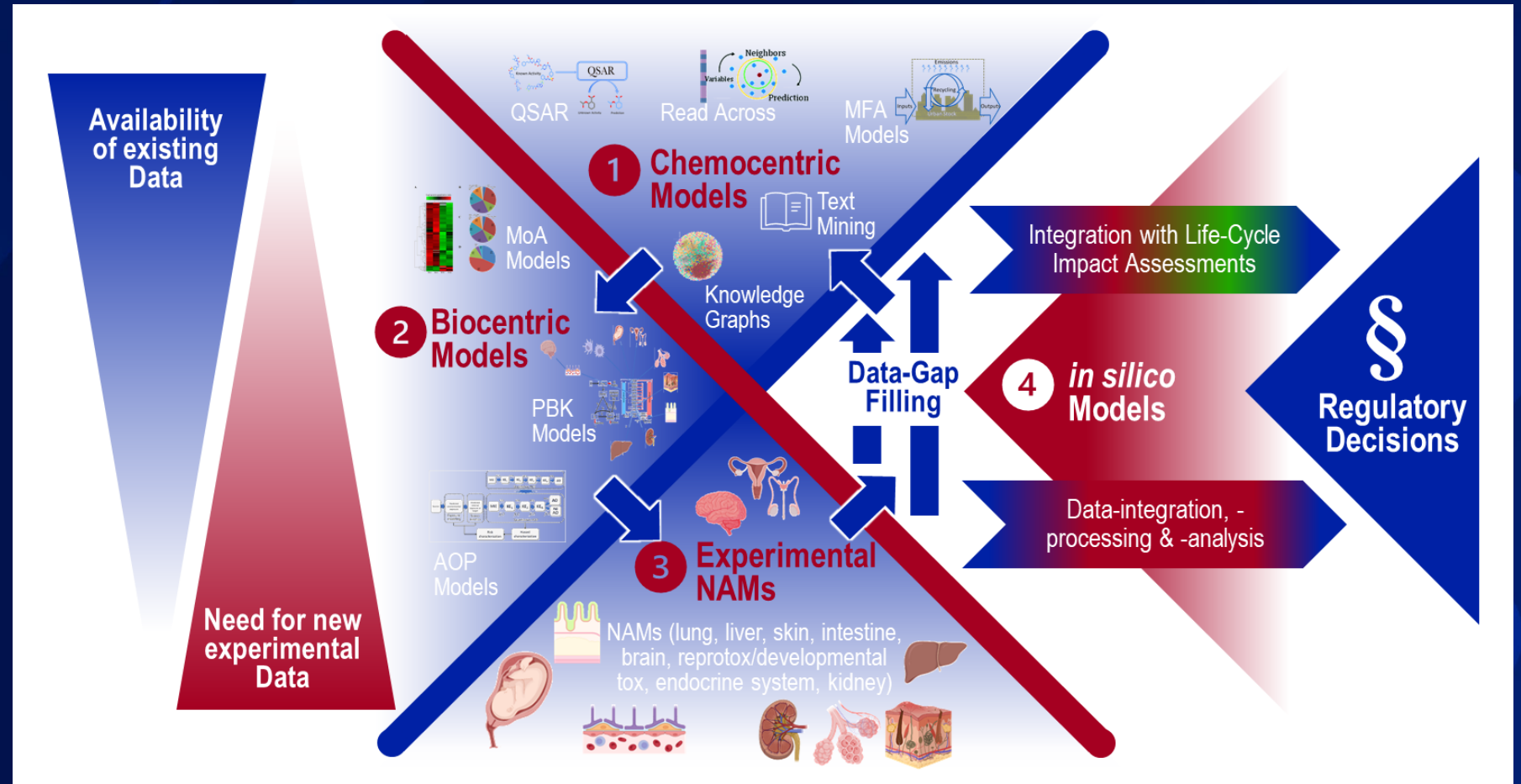


Illustration of the CHIASMA R&I approach to testing and assessment of materials.



CHIASMA



Main project goals

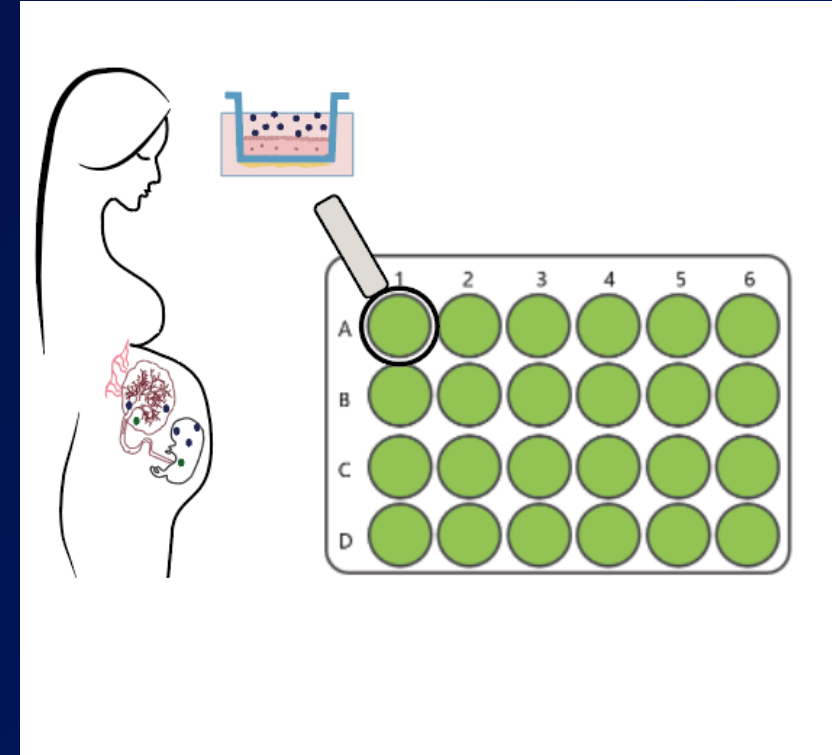
- Closing gaps with NAMs, for different materials
- In vitro, *in silico* (long term effects)
- In project validation
- Regulatory acceptance

- NAMs:

- Placental Barrier

- Chemicals:

- PFAS
- NanoPesticides
- 2D Materials





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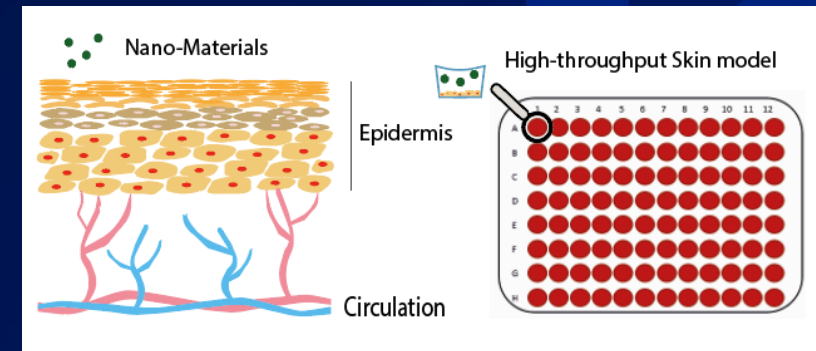
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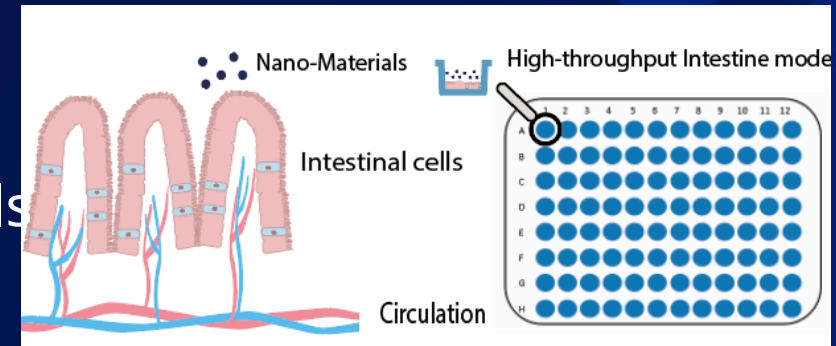
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- NAMs:

- Placenta Barrier
- Skin Barrier
- Intestinal Barrier

- Chemicals:

- PFAS
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THANK YOU

www.CHIASMA-Project.eu

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