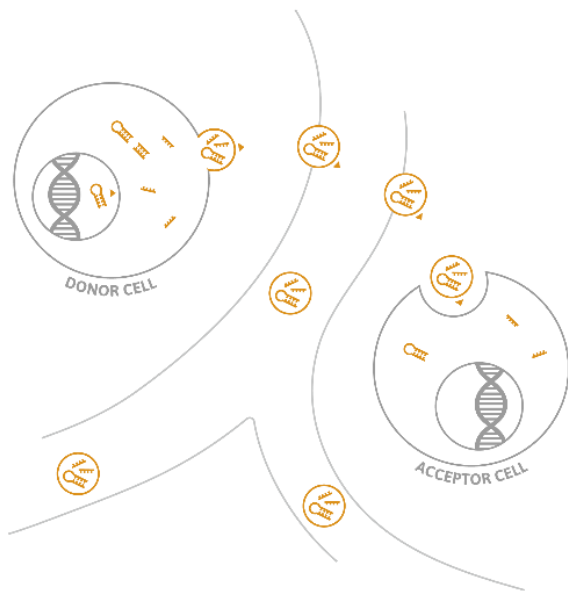


**blood based screening
of toxic effects**



Circulating microRNAs are a novel class of blood biomarkers, enabling precision-medicine for various diseases.

The toxomiR™ panel of 19 tissue-enriched microRNAs is suitable for non-invasive (plasma) detection of organ injury in man and animals.

The toxomiR™ panel can be used for:

- non-invasive screening of toxic effects using serum or plasma
- identifying and monitoring safety risks in drug development
- early detection of tissue injury
- pre-clinical and clinical phases of drug safety assessment
- early and reliable detection as well as monitoring of adverse events
- understanding of toxic mechanisms in different organs

Changes in the transcription and secretion of miRNAs are highly sensitive to toxicants. Therefore, circulating miRNAs ('toxomiRs'), can be used as biomarkers to detect injury of **liver, kidney, central nervous system, heart, muscle, lung, pancreas, vascular injury, and endocrine disruption**, using human or animal blood-plasma.

6 reasons for choosing **TAmiRNA** as your partner:

- **One-for-All:** we support our customers during the entire project workflow from study design to project finalization such as publication or reporting, and planning of next steps.
- **Flexibility:** we customize all tasks and protocols according to the individual needs and budget of our clients.
- **Quality:** standardized procedures following SOPs and comprehensive quality control at every step of the project ensure high quality and customer satisfaction.
- **Speed:** accelerate your research – rapid turnaround times to fit your project timelines
- **Results:** ready-to-use data for presentations and publications as well as for additional analyses. Post project consultations to discuss next steps are included.
- **Experience:** benefit from our know-how of >10 years of RNA research and IVD-test development