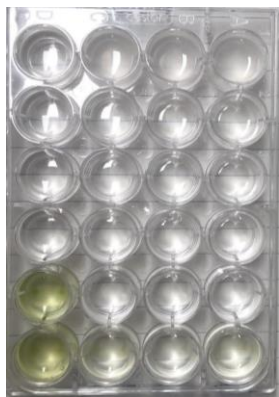


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Ionic liquids

Ionic liquids - salts with a melting point $< 100\text{ }^{\circ}\text{C}$ - are often quoted as possible “green alternatives” for the extraction of heavy metals from polluted environments. They however can be toxic to organisms. In this study, biotests with microalgae will be conducted to check the potential toxicity of newly designed ionic liquids (maximum 2 students).