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Biological standards for the Knowledge-Based BioEconomy: what is at stake

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Highlights of the Article

- Biological standards for the Knowledge-Based BioEconomy: what is at stake
- • Synthetic Biology is one of the key drivers of the Fourth Industrial Revolution
- • Standards make the difference between genetic *bricolage* and authentic genetic engineering
- • Compositional rules, metrology and descriptive languages are the immediate fields in need of standards
- • Standards are also needed for databases, safety, security and management of Intellectual Property
- • The EU may play a poor role in KBBE if standardization issues are neglected at this early stage

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