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Developmental effects of polystyrene nanoparticles in the chicken embryo

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Stellingen
behorende bij het proefschrift
Developmental effects of polystyrene nanoparticles in
the chicken embryo

1. Polystyrene nanoparticles can cause congenital malformations (this thesis).
2. Nanoplastics selectively bind to neural crest cells (this thesis).
3. Nanoplastics disrupt the migration of stem cells (this thesis).
4. Synchrotron tomography is a powerful tool for studying heart malformations (this thesis).
5. Nanoplastic toxicity is a major concern for society
6. It will be important to evaluate the toxicity of plastic nanoparticles before using them as nanomedicines.
7. Even if we stop producing plastic waste entirely, the plastic already existing in the environment will release plastic particles for many years.
8. The chicken embryo is a good model for studying microplastics and nanoplastics toxicity.
9. If you never try, you never know.
10. Learning new things makes you feel more powerful.
11. The best way to get new knowledge is to talk to an expert.
12. Don't work at the weekends.

Meiru Wang
Leiden, 16th January 2024