

Short CV: Dr. Nele Pien is a postdoctoral researcher at Ghent University working at the interface of polymer chemistry, biomaterials, and biofabrication. Her research focuses on photo-crosslinkable natural and synthetic polymers as well as hybrid biomaterial systems for tissue engineering and regenerative medicine. Using light-based manufacturing approaches such as digital light processing (DLP) and volumetric additive manufacturing (VAM), she develops cell-compatible constructs with tunable mechanics and architecture. She has authored more than 30 peer-reviewed publications and has delivered multiple invited lectures at international conferences.