

**Face it:  
Cell-based therapy for the reconstruction of  
cartilage defects in the head and neck area.**

1. Location and type-specific chondrocytes ultimately result in regeneration of cartilage with the molecular nature similar to their origin. (*this thesis*)
2. When combining undifferentiated mesenchymal stem cells and primary chondrocytes in co-culture, mesenchymal stem cells full fill a trophic or paracrine function. (*this thesis*)
3. Decellularized cartilage preserves its native 3D architecture and shape, providing an interesting scaffold for cartilage repair. (*this thesis*)
4. Novel bacterial nanocellulose scaffolds, designed with bilayer architecture, offer good mechanical stability and maintain structural integrity that provide a suitable environment for cartilage regeneration. (*this thesis*)
5. A mixture of mesenchymal stem cells and chondrocytes offers a promising one-step surgical therapy for future cell-based cartilage repair in the head and neck area. (*this thesis*)
6. Modern tissue engineering technology is based on the fundamental principles of plastic reconstructive surgery: “replace like with like tissue”. (H. Gillies, D.R. Millard. *The principles and Art of Plastic Surgery*. 1957)
7. Technische ontwikkelingen werken steeds verdere specialisatie in de hand, maar in de moderne gezondheidszorg blijven huisartsen onontbeerlijk. (M. Levi. *The demands of modern healthcare*. Huisarts en Wetenschap. 2014)
8. In applied research the successful application is expected; in basic research a successful application is astonishing. (D.E. Koshland, Jr. *Basic research (I)*. Science. 1993)
9. Marathon runners are generally healthier and take less sick time than the rest of the population. (M.D. Hoffman. *Health and exercise-related medical issues among 1212 ultramarathon runners*. PLOS One. 2014)
10. Brave meisjes schrijven zelden geschiedenis. (Neelie Kroes)
11. He not busy being born is busy dying. (Bob Dylan. *It’s Alright, Ma (I’m Only Bleeding)*. 1965)