

Curriculum Vitae

Personal information **Irene Arkesteijn**

Work experience

1. Employer: Medicines Evaluation Board
 - Start date: 012017
 - End date:
 - Position: Quality Assessor
 - Activities: The assessment of module 3 of the CTD for chemical_pharmaceutical products.
 - Country: Netherlands

Education and training

1. Subject: Eindhoven University of Technology
 - Start date: 122010
 - End date: 062016
 - Qualification: PhD _ Biomedical Engineering
 - Organisation: This work resulted in the PhD thesis "Notochordal cells and tissue explants for intervertebral disc regeneration", successfully defended on June 28th of 2016.
 - Country: Netherlands
2. Subject: University of Twente
 - Start date: 092007
 - End date: 062010
 - Qualification: Master of Science _ Biomedical Engineering
 - Organisation: Specialisation: "Molecular_, cellular_ and tissue_engineering". In this area of research, engineering, chemistry and cell biology are combined to gain new insights in the behavior of cells inside and outside the body. This knowledge can be used to develop new therapies.
 - Country: Netherlands
3. Subject: University of Twente
 - Start date: 092003
 - End date: 032008
 - Qualification: Bachelor of Science _ Biomedical Engineering
 - Organisation: Biomedical Engineering focuses on the design and development of novel technologies in health care.
 - Country: Netherlands

Additional information

Publications

Arkesteijn ITM, Potier E, Ito K. The regenerative potential of notochordal cells in a nucleus pulposus explant. Global Spine J. [In press] (2016). Arkesteijn ITM, Mouser VHM, Mwale F, van Dijk BGM, Ito K. A well_controlled nucleus pulposus tissue culture system with injection port for evaluating regenerative therapies. Ann Biomed Eng. 44, 1798_807 (2016). Arkesteijn ITM, Smolders LA, Spillekom S, Riemers FM, Potier E, Meij BP, Ito K, Tryfonidou MA. Effect of coculturing canine notochordal, nucleus pulposus and mesenchymal stromal cells for intervertebral disc regeneration. Arthritis Res Ther. 17:60 (2015). Spillekom S, Smolders LA, Grinwis GC, Arkesteijn ITM, Ito K, Meij BP, Tryfonidou MA. Increased osmolarity and cell clustering preserve canine notochordal cell phenotype in culture. Tissue Eng Part C Methods. 20, 652_62 (2014). Bettahalli NM, Arkesteijn ITM, Wessling M, Poot AA, Stamatialis D. Corrugated round fibers to improve cell adhesion and proliferation in tissue engineering scaffolds. Acta Biomater. 9, 6928_35 (2013).

Projects

Memberships

Other Relevant Information