RESUME

Personal skills

Juliette is a visionary pioneer, initiator, excellent organizer and manager with operational, tactical and strategic goals in mind. She is a decisively, dynamic, critical, flexible, analytical and result driven person. She is a good negotiator, team worker, independent thinker who likes challenges, new projects, and has a good feeling for timing. She has a lot of energy and drive to improve processes within the business in a warm and fair style of management.
Through a structured approach, Juliette comes to a proper prioritization and knows this to reach in order to achieve the requested result on strategic, tactical and operational level, for all stakeholders.
She is a solid team player who knows to motivate others in order to realize the goal within conditions of money, time, organization, quality and information.

Education

NIMA-Business Marketing B	NCOI opleidingsgroep, 2011
NIMA-General Marketing A	ICM opleidingen & trainingen, 2009

Doctor of Philosophy ('Dr')

University:	Radboud University Nijmegen Medical Center
Date:	February 2003
Supervisor ('Promotor'):	Prof.dr. J.A. Jansen, DDS, PhD
Title of thesis:	Engineered Bone; optimalization of cell loading and culturing techniques.

Master of Science ('Doctoraal')

University:	University of Groningen
Date:	September 1997
Main subject:	Biology - Molecular Biology

Bachelor of Science ('HLO')

College of Higher Education:	Hogeschool Enschede
Date:	June 1994
Main subject:	Biochemistry- Biotechnology

Courses

- Project Management, January 2014, IMK opleidingen
- Financial Management for Non-Financial Managers, April 2013, Alex van Groningen
- Effective Leadership, December 2011, IMK opleidingen
- IVD Directive 98/79/EC, April/May 2010, Qarad
- Commercial Skills, 2008, KennethSmith training
- Development Day (NNE), From Candidate to Product Registration, Copenhagen, DK, December 2002
- Management for PhD students, February 2000
- Art. 9 degree, Law on Animal Experimental Research, March 1999
- Isotope Course, September 1994

Languages

- Dutch, mother language
- English
- German

Work experience

From Jan 2012 until now Manager of Marketing & Sales and member of Management Team at Hycult Biotech (HB)

Achievements:

- Initiator and project leader of new website with web shop
- Initiator of Key Account Management, development of Strategy and Operational processes for all sales channels
- Development of Direct Sales Channel
- Initiator of process management of Idea to Product for IVD products
- Initiator and project leader of New Business Development
- Improved management of distributor channel

Responsibilities & Skills:

Marketing Strategy, Business Strategy, Marketing Management, New Business Development, Head of M&S, Leadership, member of Management Team

From Jan 2011 until Dec 2011 as an International Product Manager at Hycult Biotech

Achievements:

- Initiator of process management of Idea to Product, RUO products
- Product management of Hycult Biotech Inc office
- Initiator and project leader of Communication Strategy
- Initiator and project leader of Product Improvement Programs
- Initiator and project leader of Product Modification Project

Responsibilities & Skills:

Management of US office Hycult Biotech Inc, International Product Management, B to B Marketing

From May 2009 until Dec 2010 as a Product Manager at Hycult Biotech

Achievements:

- Development of product management profession within Hycult Biotech
- Initiator and project leader of New Corporate Identity HB
- Initiator and project leader of new website
- Initiator and project leader of Product Information Improvement Project
- Establishment of a Hycult Biotech Inc office in Plymouth Meeting, USA together with CEO

Responsibilities & Skills:

Project Management, Product Management, Business to Business Marketing

From September 2007 till April 2009 as a Scientist at Hycult Biotech

Achievements:

- Development of ELISA kit Human H-Ficolin
- Scientific contribution to marketing materials
- Business development – congress visits, desktop search

Responsibilities:

Immuno Assay Development, Business Development

Skills:

Immune assay techniques, Antibody techniques, Life Sciences, Immunology, Innate Immunity

From January 2007 till August 2007 as a Post Doc on a SenterNovem grant at the University of Utrecht, Faculty Veterinary Medicine, Department Farm Animal Health of Prof B. Colenbrander and Prof. H.G. Haagsman, Utrecht, The Netherlands.

Achievements:

- Initiate collaboration with Stem Cell Institute Leuven, Belgium of Prof. C. Verfaillie
- 1 paper published in Scientific Journal

Responsibilities:

Research and Supervision of biomedical science students and co-promotor of a PhD student. Writing papers and proposals.

Skills:

Tissue Engineering, adult stem cells, Fluorescence Activated Cell Sorting (FACS), Muscle regeneration, Real Time PCR, PCR arrays, siRNA technology, gene transfection, animal models, immunofluorescence.

From November 2003 till December 2006 working as a Post Doc on a VENI-grant (NWO) at the Radboud University Nijmegen Medical Center, Nijmegen, The Netherlands, Department of Periodontology and Biomaterials of Prof. Dr. J.A. Jansen.

Achievements:

- 23 papers published in Scientific Journals
- Collaboration with Rice University, Department of Bioengineering, Prof.dr. A.G. Mikos in publishing 3 papers together
- Bone repair with tissue engineering: non-viral vector loaded nanoparticles for gene delivery. Grant from the ITI Foundation, 2jrs, 112.500 euro, 2007, co-applicant.
- Nanostructured Biomaterial Surfaces, STW-grant, 4jrs, 225.000 euro, 2006, co-applicant.
- Royal Netherlands Academy of Arts and Science (KNAW-WHOCC), 2 years, 40.000 euro, 2005, co-applicant
- Supervision and Co-promotor of 6 PhD students

Responsibilities:

Research and Supervision of bachelors, MsC's Periodontology, dental and biomedical science students and co-promotor of three PhD students. Teaching students of medical science and dentistry. Writing chapters, papers and proposals.

Skills:

Tissue Engineering, Bone Engineering, Bone Implants, adult stem cells, periodontal ligament cell culture, gingival fibroblast cell culture, Fluorescence Activated Cell Sorting (FACS), Magnetic Cell Sorting (MACS), bone regeneration, Real Time PCR, Oligo-micro arrays, SDS-Page, ELISA's, siRNA technology, gene transfection, animal models, histology, histomorphometry, immunohistochemistry.

From November 2002 until October 2003 working on a Marie-Curie Industrial Host Fellowship (EU) at the company BIORA BA (Straumann AG), R&D department, Malmö, Sweden.

Achievements:

- Contribution to new product development
- VENI –grant, NWO-STW, 3 years, 200.000 Euro, 2003, project leader.

Responsibilities:

Research and Supervision of technicians, PhD students of Oslo Dental University and PhD students of Biotechnical Institute in Denmark (projects supported by BIORA BA). Compiling literature reviews for the marketing department. Writing BIORA Scientific Reports, Managing the Journal Club for the R&D department. Introduction in Good Laboratory Practice and Standard Operating Procedures. Writing a proposal for a VENI grant (NWO).

Skills:

enamel proteins, periodontal ligament cell culture, dental tissue regeneration, SDS-Page, Western blotting, Phast gel electrophorese system, semi-quantitative PCR, protein separation and purification (HPLC and Prep Cell electrophorese).

From 1998 until 2002 working as a PhD student at the Radboud University Nijmegen Medical Center, Nijmegen, The Netherlands, Department of Periodontology and Biomaterials of Prof. Dr. J.A. Jansen.

Achievements:

- Thesis including 12 papers published in Scientific Journals
- Collaboration with Rice University, Department of Bioengineering, Prof.dr. A.G. Mikos in publishing 4 papers together
- Collaboration with Dresden University of Technology, Institute of Materials Science, Dr. D.Scharnweber in publishing 1 paper together
- Book Chapter
- Several poster and oral presentations at conferences
- Van Walree Fonds, KNAW, 1.150 Euro for congress visit

Responsibilities:

Research and Supervision of MsC students Periodontology.

Skills:

Tissue Engineering, Bone Engineering, Bone Implants, primary bone marrow cell culture, adult stem cells, Bone regeneration, Elisa's, semi-quantitative PCR, SDS-Page, scanning electron microscopy, bioreactor, animal studies with rats and goats, histology, histomorphometry.

Other

International activities

Work visits

- Stem Cell Institute Leuven, Belgium of Prof. C. Verfaillie. 5-16 March 2007.
- University of Oslo, Faculty of Dentistry, Oral Research Laboratory, Prof dr JE Ellingsen and Prof dr SP Lyngstadaas, Blindern, Norway, September 2003.
- Dresden University of Technology, Institute of Materials Science, Dr. D.Scharnweber, Dresden, Germany. From October – November 2001.
- Rice University, Department of Bioengineering, Prof.dr. A.G. Mikos, Houston, Texas, USA. From April – June 2001.
- Rice University, Department of Bioengineering, Prof.dr. A.G. Mikos, Houston, Texas, USA. From September – December 2000.

Scholarships and prizes

- Bone repair with tissue engineering: non-viral vector loaded nanoparticles for gene delivery. Grant from the ITI Foundation, 2jrs, 112.500 euro, 2007, co-applicant.
- Nanostructured Biomaterial Surfaces, STW-grant, 4jrs, 225.000 euro, 2006, co-applicant.
- Royal Netherlands Academy of Arts and Science (KNAW-WHOCC), 2 years, 40.000 euro, 2005, co-applicant.
- VENI –grant, NWO-STW, 3 years, 200.000 Euro, 2003, project leader.
- Van Walree Fonds, KNAW, 1.150 Euro for congress visit, 2002.

List of publications

Journals

1. Plachokova AS, **van den Dolder J**, van den Beucken JJ, Jansen JA. Bone regenerative properties of rat, goat and human platelet-rich plasma. Int J Oral Maxillofac Surg 2009, 38, 8
2. Wilschut KJ, Jaksani S, **Van Den Dolder J**, Haagsman HP, Roelen BA. Isolation and characterization of porcine adult muscle-derived progenitor cells. J Cell Biochem. 2008, 105, 5
3. Xuechao Yang, X. Frank Walboomers, **Juliette van den Dolder**, Fang Yang, Zhuan Bian, Mingwen Fan, John A. Jansen. Non-viral *Bmp2* transfection into rat dental pulp stem cells using calcium phosphate nanoparticles as carriers. Tissue Eng 2008, 14, 1
4. Zhang W, Walboomers XF, van Osch GJ, **van den Dolder J**, Jansen JA. Hard tissue formation in a porous HA/TCP ceramic scaffold loaded with stromal cells derived from dental pulp and bone marrow. Tissue Eng Part A 2008, 14, 2
5. Dennis P Link, **Juliette van den Dolder**, Jeroen JJP van den Beucken, Joop GC Wolke, Antonios G Mikos, John A Jansen. Bone response and mechanical strength of rabbit femoral defects filled with injectable CaP cements containing TGF-_1 loaded gelatin microparticles. Biomaterials, 2008, 29, 6
6. Plachokova, A. S., Link, D. P., **van den Dolder, J.**, van den Beucken J. J. J. P., and Jansen, J. A. Bone regenerative properties of injectable PLGA/CaP composite with TGF-_1 in a rat augmentation model . TERM 2007, 1, 6
7. Link, D. P., **van den Dolder, J.**, van den Beucken, J. J. J. P., Habraken W. J. E. M., Soede A., Boerman O., Mikos A. G., and Jansen, J. A. Evaluation of an orthotopically implanted calcium phosphate cement containing gelatin microparticles. Journal of Biomedical Materials Research, Part A, 2009, 90, 2
8. Link, D. P., **van den Dolder, J.**, van den Beucken, J. J. J. P., Cuijpers, V. M., Wolke, J.G. C., Mikos, A. G., and Jansen, J. A. Evaluation of the biocompatible and osteoinductive properties of a calcium phosphate cement incorporating PLGA microparticles. Journal of Biomedical Materials Research, Part A. 2008, 87, 3
9. Xuechao Yang, **Juliette van den Dolder**, X. Frank Walboomers, Peter van der Kraan, Zhuan Bian, Mingwen Fan, John A. Jansen. Biochemical and molecular biological characteristics of STRO-1 sorted dental pulp stem cells with adenoviral mediated human BMP-2 gene transfer. Tissue Eng, 2007, 13, 11
10. Nikolidakis D, **van den Dolder J**, Wolke JGC, Stoelinga PJW, Jansen JA. The effect of Platelet-Rich Plasma (PRP) on the early bone formation around Ca-P coated and non-coated oral implants in cortical bone. Clin Oral Impl Res 2008, 19, 2
11. Xuechao Yang, **Juliette van den Dolder**, X. Frank Walboomers, Weibo Zhang, Zhuan Bian, Mingwen Fan, John A. Jansen. The odontogenic potential of STRO-1 sorted dental pulp stem cells in vitro. J Tissue Eng Regen Med 2007, 1:66-73.
12. Xuechao Yang, Weibo Zhang, **Juliette van den Dolder,** X. Frank Walboomers, Zhuan Bian, Mingwen Fan, John A. Jansen. Multilineage potential of STRO-1+ rat dental pulp cells in vitro. J Tissue Eng Regen Med 2007, 1:128-135.
13. **Juliette van den Dolder**, John A. Jansen. Enrichment of osteogenic cell populations from rat bone marrow stroma. Biomaterials. Special Issue; Cellular and Molecular Biology techniques for Biomaterials evaluation 2007, 28:249-255.

14. **Juliette van den Dolder** and John A Jansen. The response of osteoblast-like cells towards collagen type I coating immobilized by p-nitrophenylchloroformate to titanium. J Biomed Mater Res 2007, 83, 3
15. Plachokova, A.S., **van den Dolder, J.**, Jansen, J.A.. The bone regenerative properties of Emdogain adsorbed onto PLGA/CaP composites in an ectopic and orthotopic rat model. J Periodontal Res 2008, 43, 1
16. MC Siebers, XF Walboomers, J van den Dolder, SCG Leeuwenburgh, JGC Wolke JA Jansen. The behavior of osteoblast-like cells on various substrates with functional blocking of integrin--β1 and integrin-β3. J Mater Sci Mater Med. 2007 Jul 31
17. Harold Castano-Izquierdo, Jose Alvarez-Barreto, **Juliette van den Dolder**, John A Jansen, Antonios G Mikos, Vassilios I Sikavitsas. The pre-culture period of mesenchymal stem cells in osteogenic media influences their in vivo bone forming potential. J of Biomed Mater Res A 2007, Jul;82(1):129-38.
18. Plachokova, A.S., **van den Dolder, J.,** Stoelinga, P.J., Jansen, J.A.. The bone regenerative effect of PRP in combination with an osteoconductive material in rat cranial defects. Clin Oral Impl Res 2006, 17(3):305-311.
19. **Juliette van den Dolder**, Annelies PG Vloon, John A Jansen. The effect of Emdogain® on the growth and differentiation of rat bone marrow cells. J Periodontal Res 2006, 41:471-476.
20. Nikolidakis D, **van den Dolder J**, Wolke JGC, Stoelinga PJW, Jansen JA. The effect of Platelet Rich Plasma (PRP) on the rate of bone healing around Ca-P coated and non-coated oral implants in trabecular bone. Tissue Eng 2006, 12(9):2555-2563.
21. **Juliette van den Dolder**, Rob Mooren, Annelies PG Vloon, Paul JW Stoelinga, John A Jansen. Platelet Rich Plasma: Quantification of growth factor levels and the effect on growth and differentiation of rat bone marrow cells. Tissue Engineering 2006, 12(11):3067-3073.
22. Dennis P Link, **Juliette van den Dolder**, Joop GC Wolke, John A Jansen. The cytocompatibility and early osteogenic characteristics of an injectable calcium phosphate cement. Tissue Eng 2007, Mar;13(3):493-500.
23. Link DP, **van den Dolder J**, Jurgens WJFM, Wolke JGC, Jansen JA. Mechanical evaluation of injectable calcium phosphate cement incorporated with PLGA microparticles. Biomaterials 2006, 27 (28): 4831-5002.
24. Plachokova, A.S., **van den Dolder, J**., Stoelinga, P.J., Jansen, J.A.. The early effect of PRP on bone healing in combination with an osteoconductive material in rat cranial defects. Clin Oral Impl Res 2006, 18: 244-252.
25. Bernhardt, R., **van den Dolder, J**., Bierbaum, S., Beutner, R., Scharnweber, D., Jansen, J., Beckmann, F., Worch, H. Osteoconductive modifications of Ti-implants in a goat defect model: characterisation of bone growth with SRμCT and histology. Biomaterials 26(16): 3009-3019, 2005.
26. Kroese-Deutman, H.C., **van den Dolder, J**., Spauwen, P.H.M., Jansen, J.A. The influence of RGD-loaded titanium implants on bone formation in vivo. Tissue Eng, 11 (11-12): 1867-75, 2005.
27. **Van den Dolder, J**., Spauwen, P.H.M., Jansen, J.A. Evaluation of various seeding techniques for culturing osteogenic cells on titanium fiber mesh. Tissue Eng. 9 (2): 315-326; 2003.
28. **Van den Dolder, J**., Bancroft, G.N., Sikavitsas, V., Spauwen, P.H.M., Mikos, A.G., Jansen, J.A. The effect of fibronectin and collagen I coated titanium fiber mesh on proliferation and differentiation of osteogenic cells. Tissue Eng. 9 (3): 505-516, 2003.

29. **Van den Dolder, J.,** Bancroft, G.N., Sikavitsas, V., Spauwen, P.H.M., Mikos, A.G., Jansen, J.A. Flow perfusion culture of marrow stromal osteoblasts in titanium fiber mesh. J. Biomed. Mater. Res., 64 (2): 235-241, 2003.
30. Vehof, J.W.M., **van den Dolder, J.** de Ruijter, J.E., Spauwen, P.H.M., Jansen, J.A. Bone formation in Ca-P coated and non-coated titanium fiber mesh. J. Biomed. Mater. Res 64(3): 417-426, 2003.
31. **Van den Dolder, J.,** Farber, E., Spauwen, P.H.M., Jansen, J.A. Bone tissue regeneration using titanium fiber mesh combined with rat bone marrwo cells for the treatment of bone defects. Biomaterials, 24(10): 1745-1750, 2003.
32. **Van den Dolder, J.,** Sikavitsas, V., Bancroft, G.N., Spauwen, P.H.M., Mikos, A.G., Jansen, J.A. Influence of the *in vitro* culture period on the *in vivo* performance of cell/titanium bone tissue engineered constructs using a rat cranial critical size defect. J. Biomed Mater Res.; 67A: 944 – 951, 2003.
33. **Van den Dolder, J.,** de Ruijter, J.E., Spauwen, P.H.M., Jansen, J.A. Observations on the effect of BMP-2 on rat bone marrow cells cultured on titanium substrates of different roughness. Biomaterials 24(11): 1853-1860, 2003.
34. **Van den Dolder, J.** Vehof, J.W.M., Spauwen, P.H.M., Jansen, J.A. Bone formation by rat bone marrow cells cultured on titanium fiber mesh: effect of *in vitro* culture time. J. Biomed. Mater. Res. 62 (3): 350-358, 2002.
35. Dieudonne, S.C., **van den Dolder, J**., de Ruijter, J.E., Paldan, H., Peltola, T., van 't Hof, M.A., Happonen, R.P., Jansen. J.A. Osteoblast differentiation of bone marrow stromal cells cultured on silica gel and sol-gel-derived titania. Biomaterials 23 (14): 3041-3051, 2002.
36. Bancroft, G.N., Sikavitsas, V.I., **van den Dolder, J.,** Sheffield, T.L, Ambrose, C.G., Jansen, J.A., Mikos, A.G. Fluid flow increases mineralized matrix deposition in three-dimensional perfusion culture of marrow stromal osteoblasts in a dose-dependent manner. PNAS 99 (20): 12600-12605, 2002.
37. Tjalsma H, **van den Dolder J**, Meijer WJ, Venema G, Bron S, van Dijl JM. The plasmid-encoded signal peptidase SipP can functionally replace the major signal peptidases SipS and SipT of Bacillus subtilis. J Bacteriol. 181(8):2448-54, 1999.

Books

1. **J. van den Dolder** and J.A. Jansen. Engineering of Functional Skeletal Tissues. *Volume 3: Topics in Bone Biology*. Chapter 4: Titanium fiber mesh: a non-degradable scaffold material, 2006.

Congress proceedings

Poster presentation

- Porcine adult muscle stem cells. Karlijn J. Wilschut, Sridevi Jaksani, Leonie du Puy, **Juliette van den Dolder**, Bernard A.J. Roelen, Henk P. Haagsman. 5th ISSCR 2007, Cairns, Australia.
- The bone regenerative properties of Emdogain. Adelina S. Plachokova, **Juliette van den Dolder**, Paul J Stoelinga, John A. Jansen. IADR 2007, New Orleans, USA.
- The effect of Emdogain® on the growth and differentiation of rat bone marrow cells. **Juliette van den Dolder**, Annelies PG Vloon, John A Jansen. Tissue Engineering Society International 2005, Shanghai, China.
- The bone regenerative effect of PRP in combination with an osteoconductive material in rat cranial defects. Plachokova, A.S., **van den Dolder, J.**, Stoelinga, P.J. , Jansen, J.A.. Tissue Engineering Society International 2005, Shanghai, China.
- Evaluation of cell seeding techniques for creating bone graft substitutes. **J. van den Dolder**, S.C. Dieudonné, P.H.M. Spauwen, J.A. Jansen. Tissue Engineering Congress, York, England, 2000.
- Effect of the flow perfusion system on rat bone marrow cell proliferation and differentiation in titanium fiber mesh. **Van den Dolder, J.**, Bancroft, G.N., Sikavitsas, V., Spauwen, P.H.M., Mikos, A.G., Jansen, J.A.Tissue Engineering Congress, Orlando, USA, 2000.

Oral presentation

- The effect of Platelet Rich Plasma on cell growth and cell differentiation of rat bone marrow cells. **Juliette van den Dolder**, Rob Mooren, Annelies PG Vloon, Paul JW Stoelinga, John A. Jansen. Tissue Engineering Regenerate Medicin International Society 2006, Pittsburgh, USA.
- The effect of Platelet Rich Plasma (PRP) on the rate of bone healing around Ca-P coated and non-coated oral implants in trabecular bone. Nikolidakis D, **van den Dolder J,** Wolke JGC, Stoelinga PJW, Jansen JA. 2nd Conference on Tissue Engineering, Crete, Greece, 2005
- Enrichment of osteogenic cell populations in rat bone marrow stroma. **J. van den Dolder**, J.A. Jansen. 2nd Conference on Tissue Engineering, Crete, Greece, 2005.
- Observations on the effect of BMP-2 on rat bone marrow cells cultured on titanium substrates of different roughness. **Juliette van den Dolder**, Anja de Ruijter, Paul Spauwen and John Jansen. IADR meeting in Gőteborg, Sweden, 2003.
- The potential of titanium fiber mesh combined with rat bone marrow cells for treatment of bone defects. **J. van den Dolder**, E.Farber, P.H.M. Spauwen, J.A.Jansen.
- 28th Society of Biomaterials, Tampa, USA, 2002.
- Engineered Bone. **Juliette van den Dolder**, John A. Jansen. European Association for Osseointegration, Brussel 2002.

- Effect of flow perfusion system on rat bone marrow cell proliferation and differentiation in titanium fiber mesh. **Juliette van den Dolder**, A.G. Mikos, J.A. Jansen. Dutch Society of Biomaterials (NVB), 2002.
- Bone formation by rat bone marrow cells cultured on titanium fiber mesh: effect of in vitro culture time. **Juliette van den Dolder**, Johan W.M. Vehof, Paul H.M. Spauwen, John A. Jansen.Tissue Engineering Congress, Freiburg, Germany, 2001.

Session chair

- 2nd Conference on Tissue Engineering 2005, Crete, Greece.
- Tissue Engineering Society International 2005, Shanghai, China.

Invited speaker

- European Association for Osseointegration, Brussel 2002.