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### The clinical, microbiological and systemic characteristics of periodontitis and their changes after periodontal therapy

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## CHAPTER12

### **List of publications**



## Publications included in this thesis

**Bizzarro, S.**, Loos, B. G., Laine, M. L., Crielaard, W. & Zaura E. (2013). Subgingival microbiome in smokers and non-smokers in periodontitis: an exploratory study using traditional targeted techniques and a next-generation sequencing. *Journal of Clinical Periodontology* **40**, 483-92

**Bizzarro, S.**, Nicu, E. A., van der Velden, U., Laine, M. L. & Loos, B. G. (2010). Association of serum immunoglobulin G (IgG) levels against two periodontal pathogens and prothrombotic state: a clinical pilot study. *Thrombosis Journal*. **4**;8:16

**Bizzarro, S.**, van der Velden, U., ten Heggeler, J. M. A. G., Leivadaros, E., Hoek, F. J., Gerdes, V. E., Bakker, S.J., Gans, R. O., Ten Cate, H. & Loos, B. G. (2007). Periodontitis is characterized by elevated PAI-1 activity. *Journal of Clinical Periodontology* **34**, 574-580.

## Other publications

Teeuw, W. J., Laine, M. J., **Bizzarro, S.** & Loos, B. G. (2015). A lead ANRIL polymorphism is associated with elevated CRP levels in periodontitis: a case-control pilot study. *Plos One* **accepted for publication**.

Houcken, W., Teeuw, W. J., **Bizzarro, S.**, Alvarez Rodriguez, E., Mulders, T. A., van den Born, B. J. & Loos, B.G. (2015). Arterial stiffness in periodontitis patients and controls. *Journal of Human Hypertension*. **14** (in press)

Kuzmanova, D., Jansen, I. D., Schoenmaker, T., Nazmi, K., Teeuw, W. J., **Bizzarro, S.**, Loos, B. G. & van der Velden, U. (2012), Vitamin C in plasma and leucocytes in relation to periodontitis. *Journal of Clinical Periodontology*. **39**(10):905-12

Kaman, W., Galassi, F., de Soet, H., **Bizzarro, S.**, Loos, B. G., Veerman, E., van Belkum, A., Hays, J. & Bikker, F. (2012). A Highly Specific Protease-Based Approach for the

Detection of *Porphyromonas gingivalis* in the Diagnosis of Periodontitis. *Journal of Clinical Microbiology*, 50(1):104-12

Papapanagiotou, D., Nicu, E. A., **Bizzarro, S.**, Gerdes, V. E., Meijers, J. C., Nieuwland, R., van der Velden, U. & Loos, B. G. (2009). Periodontitis is associated with platelet activation. *Atherosclerosis* **202**, 605-611.

Leivadaros, E., van der Velden, U., **Bizzarro, S.**, ten Heggeler, J. M. A. G., Gerdes, V. E., Hoek, F. J., Nagy, T. O., Scholma, J., Bakker, S. J., Gans, R. O., ten Cate, H. & Loos, B. G. (2005). A pilot study into measurements of markers of atherosclerosis in periodontitis. *Journal of Periodontology* **76**, 121-128.

### **Book chapters**

Loos, B.G., **Bizzarro, S.**, Gerdes, V.E.A. & Teeuw, W.J. (2012). Parodontitis en hart- en vaatziekten. In *Het Tandheelkundig Jaar 2012* (Eds. Aps, J.K.M., Allard, R.H.B., Duyck, J., Fokkema, S.J., Jacobs, R. & Vissink, A.), Bohn Stafleu van Loghum, Houten, The Netherlands, Chapter 2, pg 16-24

Schoo, W.H. & **Bizzarro, S.** (2009). Parodontale chirurgie bij de behandeling van parodontitis. In *Parodontologie*, Eds., Beertsen, W., Quirynen, M., van Steenberghe, D. & Van der Velden, U. 1st edition Bohn Stafleu Van Loghum, Houten/ Diegem **34**, 361-401

Schoo, W. H. & **Bizzarro, S.** (2007). Parodontale chirurgie bij de behandeling van parodontitis. In *Handboek Parodontologie*, Eds. Quirynen, M., van Steenberghe, D., Beertsen, W. & Van der Velden, U. 1st edition Bohn Stafleu Van Loghum, Houten/ Diegem **F3.1**, 1-71.

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**Abstracts**

**Bizzarro, S.,** Laine, M. L., Buijs, M. J., Crielaard, W., Loos, B. G. & Zaura, E. (2015). Effects of non-surgical periodontal therapy with or without support of systemic antibiotics on the subgingival microbiome. Europerio 8, London (UK), June 3-6 (oral presentation).

**Bizzarro, S.,** van der Velden, U., Teeuw, W.J., Gerdes V.E.A. & Loos, B.G. (2015). Effect of systemic antibiotics as adjunct to basic periodontal therapy on markers of metabolic syndrome: a 12-month follow-up study. Europerio 8, London (UK), June 3-6 (poster).

Nicu, EA., **Bizzarro, S.,** Kuypers, B., Loos, BG (2015). Periodontal therapy improves markers of endothelial dysfunction. Europerio 8, London (UK), June 3-6 (poster).

**Bizzarro, S.,** Loos B.G., Laine, M.L., Crielaard,W., Zaura, E., (2012) Pyrosequencing analysis of subgingival microbiome in periodontitis: comparison between smokers and non-smokers. Europerio7, Wien, (Austria) June 6-9 (oral presentation)

Houcken, W., Alvarez Rodriguez, E., **Bizzarro, S.,** Mulders, T., van den Born, B., Loos, B.G. (2012), Arterial stiffness is associated with periodontitis. Europerio7, Wien, (Austria) June 6-9 (poster)

**Bizzarro, S.,** Teeuw, W.J., Oey, A.L.T, Loos, B.G., (2010) Systemic Effect of Non-Surgical Periodontal Therapy. International Association of Dental Research (IADR), Barcelona, (Spain), July 14-17 (poster presentation)

Teeuw,W.J., Laine, M.L., **Bizzarro, S.,** Schaefer, A.S. & Loos, B.G. (2010) An Interleukin-6 promoter Haplotype is Associated with Elevated CRP Levels. International Association of Dental Research (IADR), Barcelona (Spain) July 14-17 (accepted for oral and poster presentation).

**Bizzarro, S.**, Van der Velden, U., Laine, M. L. & Loos, B. G. (2009). Antibodies against Aggregatibacter Actinomycetemcomitans are associated with Von Willebrand Factor. IADR, Munich (Germany) September 10-12 (oral presentation).

**Bizzarro, S.**, van der Velden, U., ten Heggeler, J. M., Leivadaros, E., Hoek, F. J., Gerdes, V. E., Bakker, S. J., Gans, R. O., Ten Cate, H. & Loos, B. G. (2005). Markers of coagulation and fibrinolysis in Periodontal disease. IADR, Amsterdam (The Netherlands) September 14-17 (poster presentation).

**Bizzarro, S.**, van der Velden, U., ten Heggeler, J. M. A. G., Leivadaros, E., Hoek, F. J., Gerdes, V. E. A., Bakker, S. J., Gans, R. O., Ten Cate, H. & Loos, B. G. (2004). Markers of coagulation and fibrinolysis in Periodontitis. IADR Istanbul (Turkey) Augustus 25-28 (poster presentation).

Leivadaros, E., van der Velden, U., **Bizzarro, S.**, ten Heggeler, J. M. A. G., Gerdes, V. E. A., Hoek, F. J., Nagy, T. O., Scholma, J., Bakker, S. J., Gans, R. O., ten Cate, H. & Loos, B. G. (2004). Atherosclerosis in Periodontitis. IADR Istanbul (Turkey) Augustus 25-28 (poster presentation)

**Not peer reviewed publications:**

**Bizzarro, S.** (2013) Waaruit bestaat de initiële behandeling bij een element met een parodontoprobleem? *Mondhygiënistenvademecum*, 11(2)

Baiwa, A., Loos, B.G. & **Bizzarro, S.** (2011/2012). Is parodontitis geassocieerd met vroeggeboorte en een laag geboortegewicht? *Quality Practice Tandheelkunde* (2), 45-52

## Awards

NVvP, Oral-B onderzoeksprijs 2014:

**Bizzarro S**, Loos BG , Laine ML, Crielaard W. , Zaura E. (2013). Subgingival microbiome in smokers and non-smokers in periodontitis: an exploratory study using traditional targeted techniques and a next-generation sequencing. *Journal of Clinical Periodontology* **40**, 483-92

NVvP, Oral-B onderzoeksprijs 2012:

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NVvP, Oral-B onderzoeksprijs 2007:

**Bizzarro, S.**, van der Velden, U., ten Heggeler, J. M., Leivadaros, E., Hoek, F. J., Gerdes, V. E., Bakker, S. J., Gans, R. O., Ten Cate, H. & Loos, B. G. (2007). Periodontitis is characterized by elevated PAI-1 activity. *Journal of Clinical Periodontology* **34**, 574-580.