

Das B-Streptokokken-Problem. Ein Update

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- 1 Aagaard K et al.: 2012. A metagenomic approach to characterization of the vaginal microbiome signature in pregnancy. PLoS ONE 2012; 7: e36466
- 2 Aagaard K et al.: The placenta harbors a unique microbiome. Science Transl Med 2014; 6: 237ra65
- 3 Bearfield C et al.: Possible association between amniotic fluid micro-organism infection and microflora in the mouth. BJOG 2002; 109: 527–533
- 4 Belzer C: Microbes Inside – how the omnipresent nature and function of microbes, including bacteria, archaea and fungi, affects our life. 2014. www.scoop.it/t/microbes-inside (Zugriff 23.8.16)
- 5 Blaser MJ et al.: Antibiotic use and its consequences for the normal microbiome. Science 2016; 352: 544–545
- 6 Cox LM et al.: Altering the intestinal microbiota during a critical developmental window has lasting metabolic consequences. Cell 2014; 158: 705–721
- 7 Van Dyke MK et al.: Evaluation of universal antenatal screening for group B streptococcus. N Engl J Med 2009; 360: 2626–2636
- 8 Eisenstein M: Microbiome: Bacterial broadband. Nature 2016; 533: S104–S106
- 9 Fardini Y et al.: Transmission of diverse oral bacteria to murine placenta: evidence for the oral microbiome as a potential source of intrauterine infection. Infect Immun 2010; 78: 1789–1796
- 10 Fernandez L et al.: The human milk microbiota: origin and potential roles in health and disease. Pharmacol Res 2013; 69: 1–10
- 11 Gensollen T et al.: How colonization by microbiota in early life shapes the immune system. Science 2016; 352: 539–544
- 12 Gray BM, Egan ML, Prichard D: Specificity of monoclonal antibodies against group B streptococcus type II and inhibition of their binding by human secretions. Pediatr Res 1988; 24: 68–72
- 13 Jäger H: Sauber und keimbesiedelt. Dt Hebammenzeitschr 2015; 5: 46–50
- 14 Jones ML et al.: Emerging science of the human microbiome. Gut Microbes 2014; 5: 446–457
- 15 Lin FY et al.: Capsular polysaccharide types of group B streptococcal isolates from neonates with early-onset systemic infection. J Infect Dis 1998; 177: 790–792
- 16 Madianos PN, Bobetsis YA, Offenbacher S: Adverse pregnancy outcomes (APOs) and periodontal disease: pathogenic mechanisms. J Periodontol 2013; 84: S170–180
- 17 Pamer EG et al.: Resurrecting the intestinal microbiota to combat antibiotic-resistant pathogens. Science 2016; 352: 535–538
- 18 Pannicke U et al.: Deficiency of innate and acquired immunity caused by an IKBKB mutation. N Engl J Med 2013; 369: 2504–2514
- 19 Yang N, Boettcher B: 1992. Development of human ABO blood group A antigen on Escherichia coli Y1089 and Y1090. Immunol Cell Biol 1992; 70: 411–416
- 20 Yildirim AÖ: Phäno- und Genotypisierung von Streptokokken der serologischen Gruppe B (*Streptococcus agalactiae*), isoliert von verschiedenen Tierarten. Dissertation, Fachbereich Veterinärmedizin der Justus-Liebig-Universität Gießen, 2002