

**Antibacterial activity of positively and negatively charged hematite ( $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>) nanoparticles to Escherichia coli, Staphylococcus aureus and Vibrio fischeri**

Vihodceva, Svetlana; Šutka, Andris; Sihtmäe, Mariliis; **Rosenberg, Merilin**; Otsus, Maarja; Kurvet, Imbi; Smits, Krisjanis; Bikse, Liga; Kahru, Anne; Kasemets, Kaja Nanomaterials 2021 / p. 1-26 <https://doi.org/10.3390/nano11030652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Antibacterial and antifungal efficacy of novel chitosan-silver nanocomposites**

**Kasemets, Kairi**; Laanoja, Jüri; Sihtmäe, Mariliis; Kurvet, I.; Otsus, Maarja; Vija, H.; Kahru, Anne (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 61\_875 <https://www.dropbox.com/s/w8prtknkt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>

**B-plexins control microtubule dynamics and dendrite morphology of hippocampal neurons**

**Laht, Piret**; Otsus, Maarja; Remm, Jaanus; **Veske, Andres** Experimental cell research 2014 / p. 174-184 : ill

**Characterization of the rodent PLXNB3 gene and its minimal promoter**

**Tiismus, Liivi**; **Laht, Piret**; Otsus, Maarja; **Veske, Andres** Axon guidance, synaptogenesis and neural plasticity : Cold Spring Harbor, 2008, September 10-14 2008 / p. 243

**Cocksfoot mottle sobemovirus establishes infection through the phloem**

**Otsus, Maarja**; **Ufert, Gabriela**; **Sõmera, Merike**; **Paves, Heiti**; **Olsper, Allan**; **Islamov, Bulat**; **Truve, Erkki** Virus research 2012 / p. 125-129 : ill <https://pubmed.ncbi.nlm.nih.gov/22425583/>

**Identification and characterization of mouse plexin B3 promoter**

**Tiismus, Liivi**; **Laht, Piret**; Otsus, Maarja; **Veske, Andres** Biochemical and biophysical research communications 2008 / p. 11-15 : ill

**Plexin-B3 suppresses excitatory and promotes inhibitory synapse formation in rat hippocampal neurons**

**Laht, Piret**; Tammaru, Epp; Otsus, Maarja; **Rohtla, Johan**; **Tiismus, Liivi**; **Veske, Andres** Experimental cell research 2015 / p. 269-278 : ill <http://dx.doi.org/10.1016/j.yexcr.2015.05.007>

**Study of the development of bacterial resistance to silver-chitosan nanocomposites and cross-resistance to common antibiotics**

Sihtmäe, Mariliis; Laanoja, Jüri; Otsus, Maarja; Kahru, Anne; **Kasemets, Kaja** (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 01914 <https://www.dropbox.com/s/w8prtknkt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>