

**Artigos e Patentes envolvendo Vanadato de Prata decorado com Nanopartículas de Prata.**

R.D. Holtz, A.G. Souza Filho, M. Brocchi, D. Martins, N. Durán and O.L. Alves.

***Development of nanostructured silver vanadates decorated with silver nanoparticles as a novel antibacterial agent***

Nanotechnology, Vol. 21 (18) (2010);

R.D. Holtz, B.A. Lima, A.G. Souza Filho, M. Brocchi and O.L. Alves.

***Nanostructured silver vanadate as a promising antibacterial additive to water-based paints***

Nanomedicine: Nanotechnology, Biology and Medicine, Vol. 8 , 935-940 (2012);

M.C. Artal, R.D. Holtz, F. Kummrow, O.L. Alves and G.A. Umbuzeiro.

***The role of silver and vanadium release in the toxicity of silver vanadate nanowires toward Daphnia similis***

Environmental Toxicology and Chemistry, Vol. 32 , 908-912 (2013);

D.T. Castro, R.D. Holtz, O.L. Alves, E. Watanabe, M.L.C. Valente, C.H.L. Silva and A.C. Reis.

***Development of a novel resin with antimicrobial properties for dental application***

Journal of Applied Oral Science, Vol. 22 , 442-449 (2014);

A.C. dos Reis, D.T. de Castro, O.L. Alves, R.D. Holtz e M.L.C. Valente.

***Composição antimicrobiana consistida de um material moldável e um agente antimicrobiano, e seu uso***

USP/Unicamp, BR102014025317 (INPI), 10.10.2014;

D.T. Castro, M.L. Valente, C.L. Silva, E. Watanabe, R.L. Siqueira, M.A. Schiavon, O.L. Alves and A.C. dos Reis.

***Evaluation of antibiofilm and mechanical properties of new nanocomposites based on acrylic resins and silver vanadate nanoparticles***

Archives of Oral Biology, Vol. 67, 46-53 (2016);

D.T. Castro, M. Valente, J.A. Agnelli, C.L. da Silva, E. Watanabe, R. Siqueira, O.L. Alves, R.D. Holtz and A.C. dos Reis.

***In vitro study of the antibacterial properties and impact strength of dental acrylic resins modified with a nanomaterial***

The Journal of Prosthetic Dentistry, Vol. 115 , 238–246 (2016);

D.T. Castro, M.L. Valente, C.Aires, O.L. Alves and A.C. dos Reis.

***Elemental ion release and cytotoxicity of antimicrobial acrylic resins incorporated with nanomaterial***

Gerodontontology, 34, 320-325 (2017);

D.T. de Castro, C. do Nascimento, O.L. Alves, E.S. Santos, J.A.M. Agnelli and A.C. dos Reis.

***Analysis of the oral microbiome on the surface of modified dental polymers***

Archives of Oral Biology, Vol. 93, 107–114 (2018);

A.P.M. Monteiro, R.D. Holtz, L.C. Fonseca, C.H.Z. Martins, M. Sousa, L.A.V. Luna, D.S. Maia and O.L. Alves.

***Nano silver vanadate AgVO<sub>3</sub>: Synthesis, new functionalities and applications***

Chemical Record (Chemical Society of Japan), Vol 18 (7-8), 973-985 (2018);

A.B.V. Teixeira, C.C.H. Silva, O.L. Alves and A.C. dos Reis.

***Endodontic sealers modified with silver vanadate: antibacterial, compositional, and setting time evaluation***

BioMed Research International, Vol. 2019, Article ID 4676354, 9 pages (2019);

D.T. de Castro, S. Kreve, V.C. Oliveira, O.L. Alves and A.C. dos Reis.  
***Development of an impression material with antimicrobial properties for dental application***  
Journal of Prosthodontics (2019), <https://doi.org/10.1111/jopr.13100>;

S. Kreve, V.C. Oliveira, L. Bachmann, O.L. Alves and A.C. dos Reis.  
***Influence of AgVO<sub>3</sub> incorporation on antimicrobial properties, hardness, roughness and adhesion of a soft denture liner***  
Scientific Reports -Nature, 9:11889 (2019).

### ***Divulgação***

Nano Mickey (video).

Apareceu o Mickey.

Nanomaterial para combater bactérias.

Pesquisadores da Unicamp encontram "Mickey" em imagem microscópica.