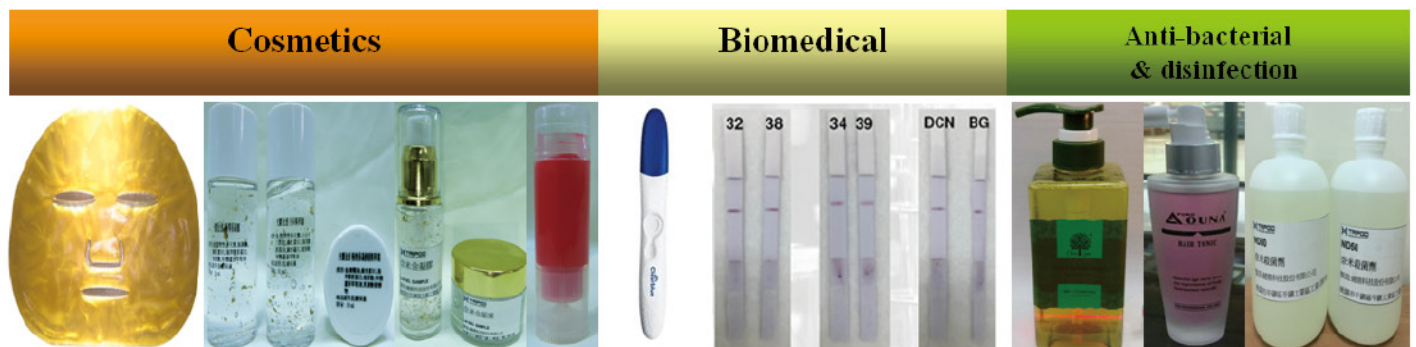




The literature shows that **colloidal gold** added to skin care formulations, can help **cell proliferation to promote cell activation**, the skin produce more collagens against free radicals, enhance **moisturizing effect**. And easier to carry some nutrients into the subcutaneous tissue, so that the active ingredient can be **deeply absorbed**, in addition, because of its increased specific surface area and its plasma effect on the surface, it is widely used in biomedical research and medical diagnosis. After the **silver nanoparticles** treatment, the specific surface area increases rapidly, in the solution can dissociate more silver ions, and this is the main contributor to antibacterial. Due to the sustainable release of silver ions, that will provide **a long-term preservation of anti-bacterial effect**.



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