

LSPR Biosensor Chip - single channel

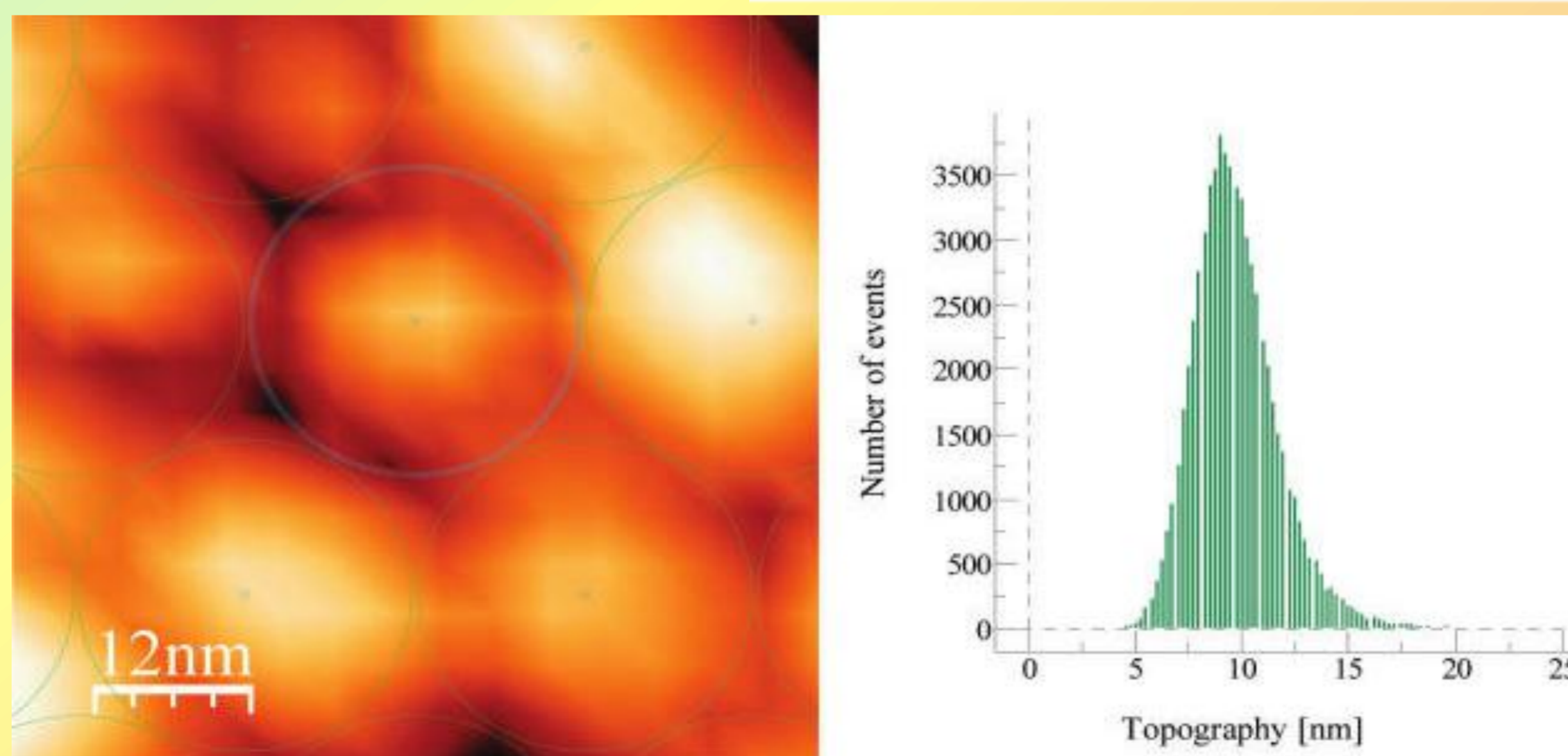
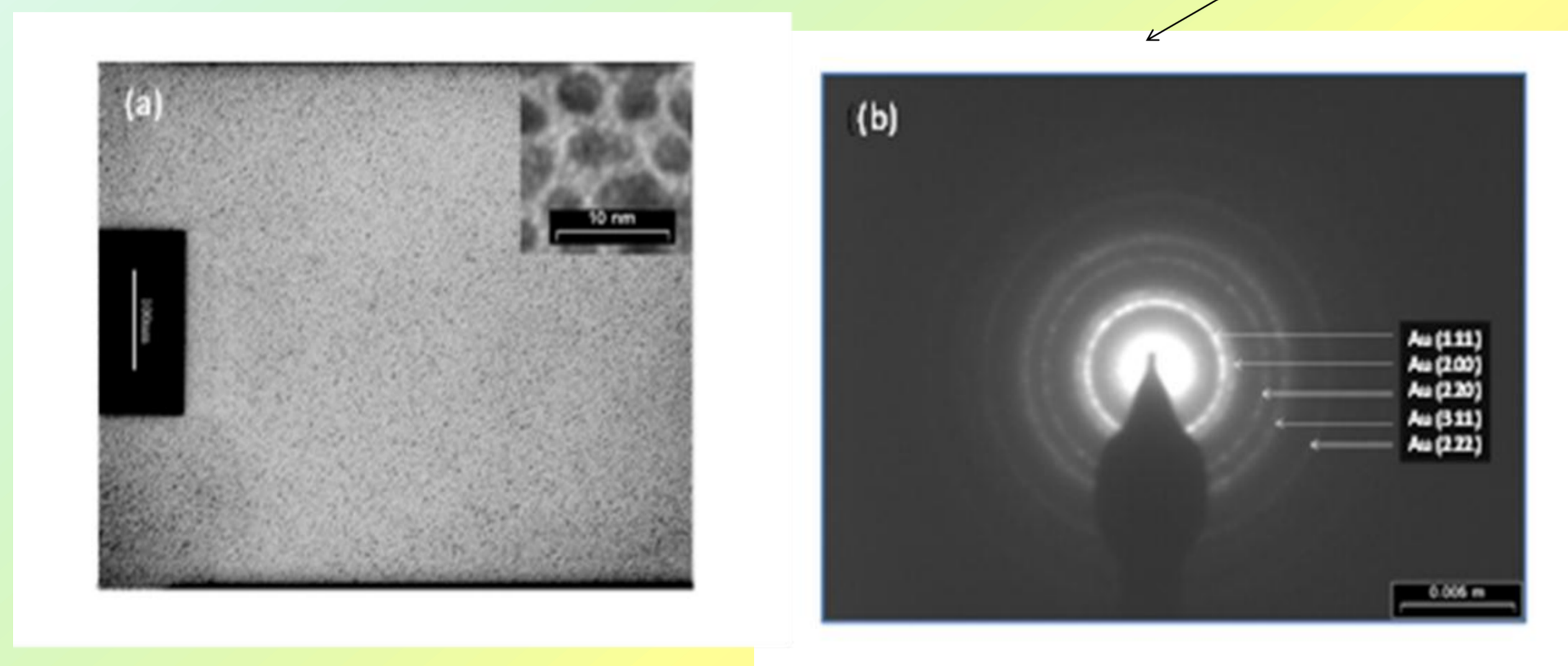
NANO MABNA IRANIAN CO.



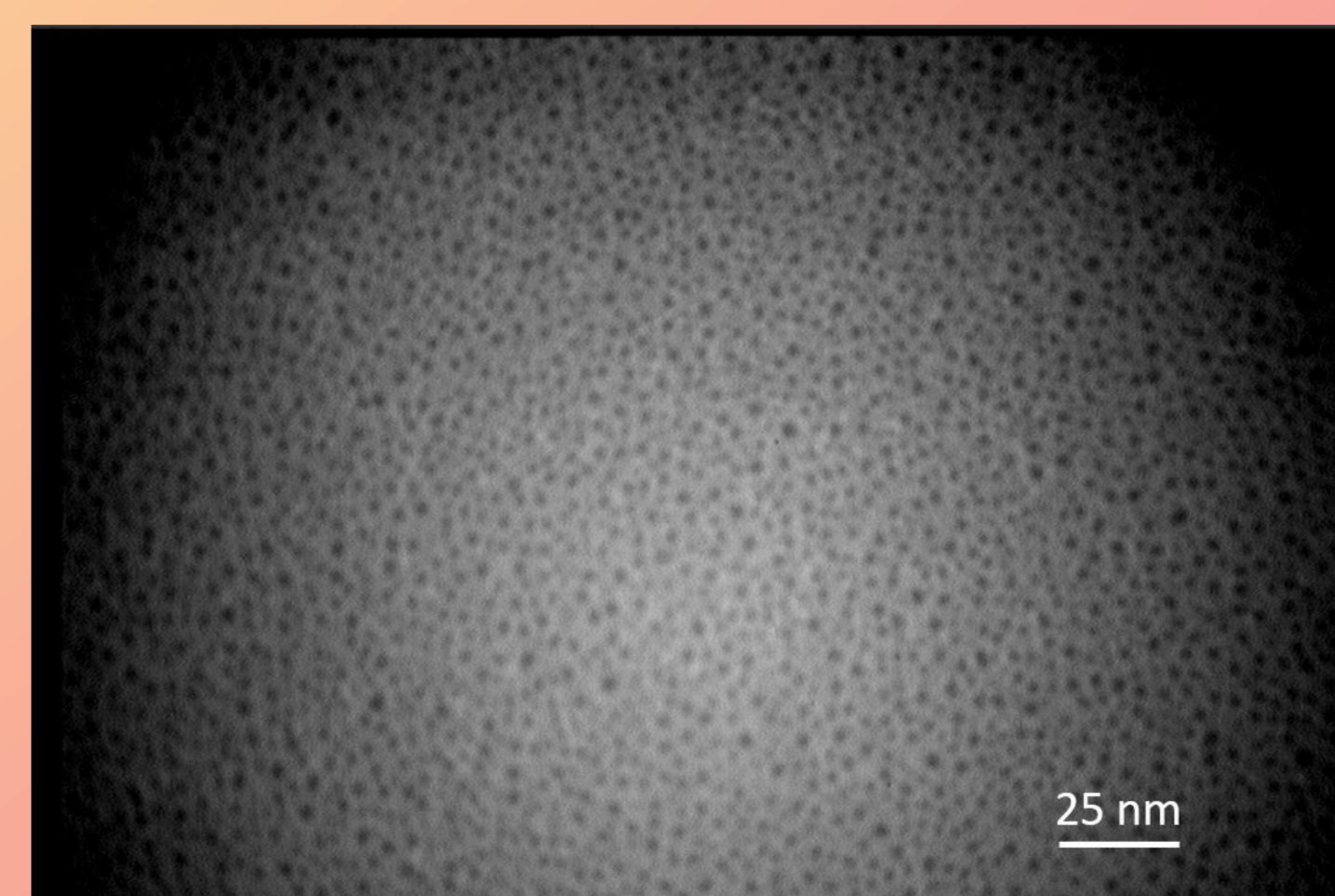
Nano Mabna Iranain company fabricates bio-sensor chips. Gold nanoparticles are immobilized uniformly in single channel of the chip. The gold nanoparticles are functionalized by decisive chemical processes for subsequent biomolecule bindings. The LSPR chips are comprised of gold/or silver nanoparticles on the glass substrate in the polymeric holder. Therefore, bio-sensing of the single channel with different analytes and different concentration is possible. Each of biosensor is exposed to electromagnetic waves and bio-molecular interactions data are recorded using software. The LSPR sensor chips also can be designed based on costumers needs.



Microscopy features



TEM & AFM Images



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