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 Research Group: Federal Funding; 2 Ph.D. Students

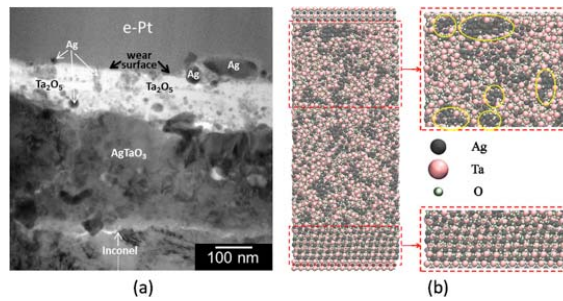
Thin Film Technology



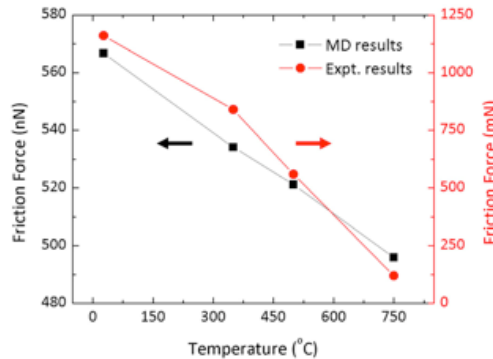
Bone Implants



High Temperature Tribology



Cross-section of wear track



Frictional Data

Tribology

- Coatings that reduce friction for high temperature moving assemblies
- Adaptive coatings that change their structure and chemistry depending on the environment
- Oxide and nitride coatings

Bone Implants

- Porous structures
- Nanostructure texturing of implant surfaces
- Oxide surfaces
- Biocompatibility testing