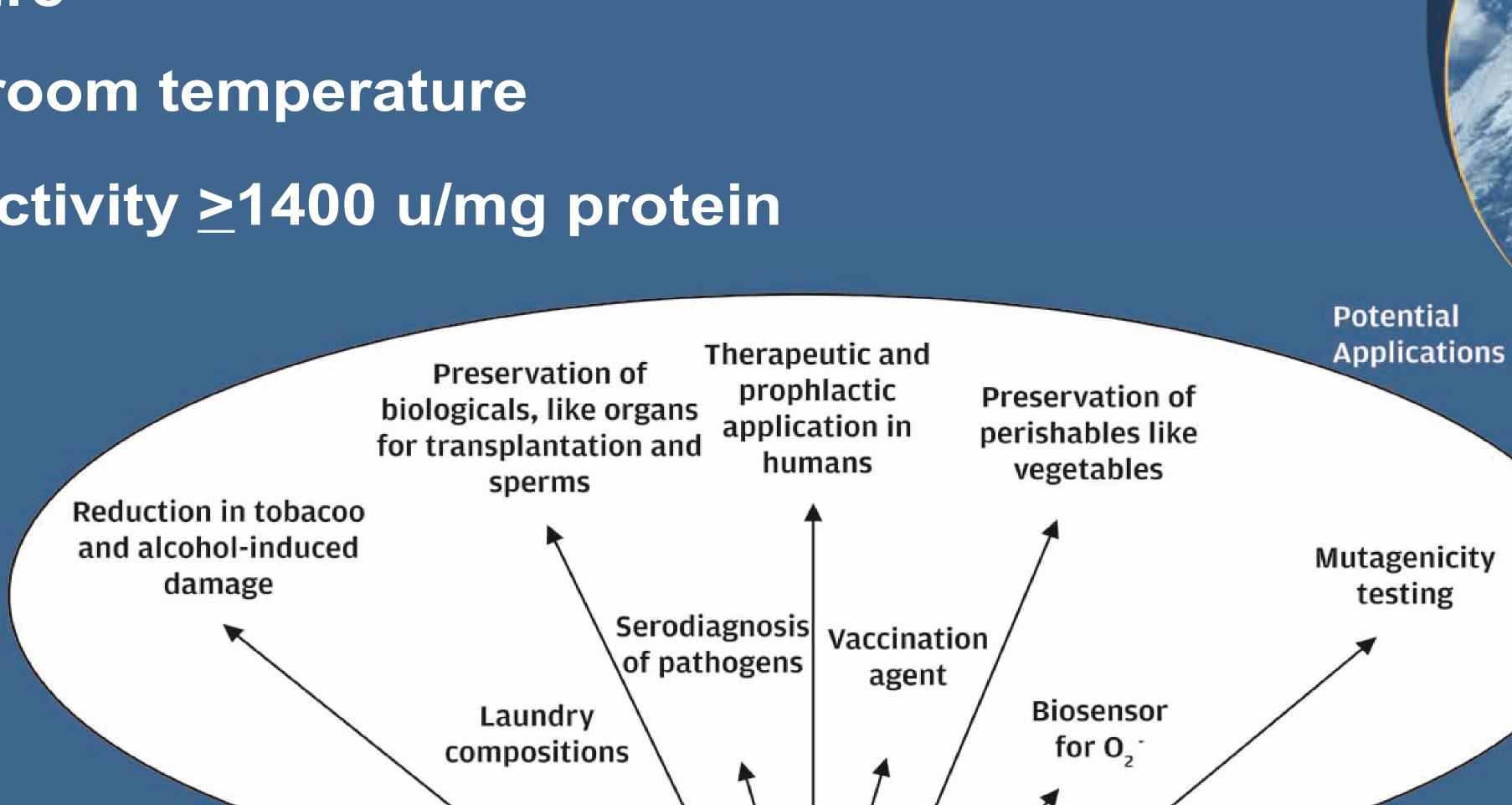
## SUPEROXIDE (SOD) DISMUTASE (SOD)

## SOD from high altitude plant, Potentilla atrosanguinea, engineered for thermostability

- **SOD tolerates autoclaving (retains ~ 75%** 75% of the un-autoclaved activity at 5 to 10°C)
- **□** Functions across <0°C to >50°C with varying activities at different assay temperature
- Stable at room temperature
- Specific activity ≥1400 u/mg protein



Applications of SOD Enzyme

Palosein (Oxis International Inc) ~ Treatment of inflammation in animals Glisodin, Sodzyme (Isocell Pharma, Life Extension)

~ Health-promoting Supplement

~ Cosmetics

SODs from microorganisms ~ Cosmetics ~ Health-promoting Supplemnt

Native and recombinant

~ Biochemical Reagent

Adapted from: Critical Reviews in Biotechnology (2011): 31(1), 65-76.

Purified SOD with Worldwide Patented Technology & Exclusive Manufacturing License









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**Established** 

**Applications** 

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