Dr. Wonbong Choi

Position

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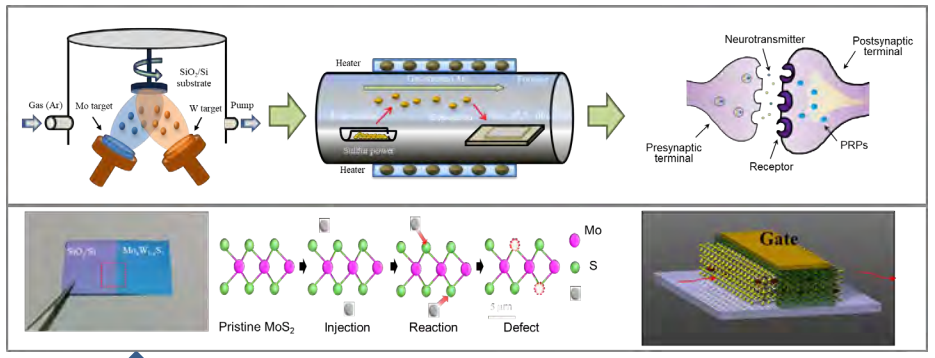
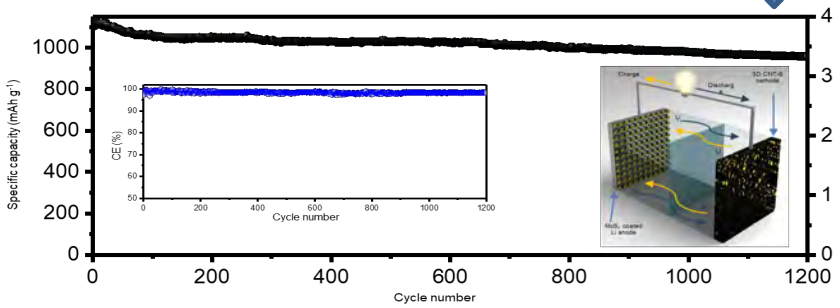
Group
Center for Advanced Battery Technology (Director)
AMMPI (Associate Director)

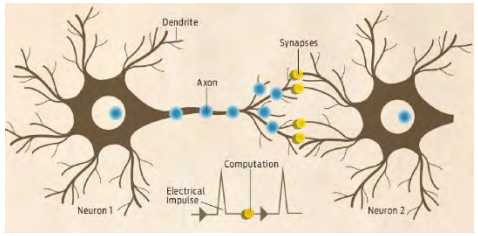
❖ Nanomaterials, Future Semiconductors and Energy Storage

- Nanomaterials synthesis (2D TMDs, graphene) and exploring new functionalities
- Advanced rechargeable batteries: Li-S, Solid-State, metal-CO2
- Future semiconducting materials and neuromorphic memory
- 3D printed sensors and energy storage



2D materials / Long-cycle Li-S battery





Neuromorphic memory for quantum computing (*Spectrum, IEEE,* **2010**)

Safe and high energy density batteries for mobilities