



SIPS 2020, in Honor of Nobel Laureate, Prof. Ferid Murad

2020 SIPS

Covering Sustainability Pillars :

- Science, Technology & Industry
- Governance & Management
- Education & Civil Society

Prof. Ferid Murad

Nov 29 - Dec 3, 2020, Hilton Phuket Arcadia, Thailand

# 7<sup>th</sup> International Symposium on Sustainable Secondary Battery Manufacturing & Recycling

- New developments in Li-ion, Li-S and lead-acid batteries;
- Development of new cathodes and anodes for batteries;
- Organic liquid electrolytes, gel & polymer electrolytes, ionic liquids and inorganic electrolytes for batteries;
- Application of batteries in EVs, HEVs, Energy storage and back-up;
- Future battery systems (Li-air, metal-air, molten salt, redox, Na-, Mg-, Al-, K- ...);
- Energising billion lives - battery in the off-grid electrification for the bottom billion;

**Complete Scope & Important Dates on the Website**

**Featuring 9 Nobel Laureates:**



Dan Shechtman  
2011 - Chemistry



Didier Queloz  
2019 - Physics



Stanley Whittingham  
2019 - Chemistry



Konstantin Novoselov  
2010 - Physics



Aaron Ciechanover  
2004 - Chemistry



Avram Hershko  
2004 - Chemistry



Kurt Wüthrich  
2002 - Chemistry



Ferid Murad  
1998 - Medicine



Richard Roberts  
1993 - Medicine

**Special Address:**

Donna J. Nelson  
2016 President  
American Chemical  
Society



Subra Suresh  
President, NTU  
Singapore  
Former Director  
NSF, USA



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