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**- Transition Metal Phosphates -
Development of New Cathode Materials in Lithium Batteries for Human Medical
Applications**

- Materials in heart pacemaker
- Lithium as anode material
- Commercial batteries
- Transition metal phosphates
 - phases and properties
 - expectations
- Modifying of Copper-phosphates by doping on the metal-ion position and the cation position
 - Expectations
 - Experiments
 - Characterization
 - Results (without electrochemical properties)