

Nobel Prize in Chemistry



- **2011: Daniel Shechtman, *ISR*,** for the discovery of quasicrystals – in which mosaics of atoms appear in regular patterns, following golden ratio mathematical rules, without ever repeating themselves
- **2010: Richard Heck, *U.S.*, Ei-ichi Negishi, Akira Suzuki, *JPN*,** for developing ways of linking carbon atoms to create organic molecules
- **2009: Venkatraman Ramakrishnan, *UK*, Thomas Steitz, *U.S.*, Ada Yonath *ISR*,** for studies into structure and function of the ribosome
- **2008: Osamu Shimomura, *JPN*, Martin Chalfie, Roger Tsien, *U.S.*,** for discovery and development of the green fluorescent protein (GFP)
- **2007: Gerhard Ertl, *GER*,** for work explaining chemical processes on solid surfaces