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**Molecular Oncology Program presents:**

**Crosstalk**

**Cancer Genetics meets DNA repair**

**Thursday February 28**

**2-6 pm**

**Life Sciences 1022**

**2:00-2:30 Wolf-Dietrich Heyer**

Mechanism and regulation of recombinational DNA repair:

Model systems, mathematical modeling, and application in cancer therapeutics

**2:30-3:00 Stephen Kowalczykowski**

Functions of cancer suppressor proteins, BRCA2 and RAD51 paralogs, and defects associated with mutations

**3:00-3:30 Neil Hunter**

Insights into the mechanism and regulation of joint molecule resolution

**3:30-4:00 Sheila David**

Repair of Oxidative DNA base Damage: MUTYH-associated polyposis (MAP) and beyond

**4:00-4:30 Coffee break**

**4:30-5:00 Hongwu Chen**

Chromatin regulators in DDR and repair: from Yta to Ancca

**5:00-5:30 Lifeng Xu**

Understanding telomere defects associated with telomeric binding protein TIN2 mutations in Dyskeratosis Congenita

**5:30-6:00 Luis Carvajal-Carmona**

An update in the genetic susceptibility of cancer: back to DNA repair?