

## Linha de Pesquisa: CARCINOGENESE UROGENITAL E IMUNOTERAPIA

**Objetivos:** Contribuir para o desenvolvimento técnico-científico nos estudos dos tumores urogenitais (próstata, bexiga urinária, rim e ovário) através da estratégia de formação de rede aberta de pesquisas, incluindo diversos grupos de pesquisa nacionais e internacionais, capaz de conferir sinergia à produção do conhecimento, formação de recursos humanos, divulgação do conhecimento científico e sua transferência para a sociedade civil e o Governo.

### Publicações:

1. Marcato PD, **Fávaro WJ** & Duran N. Cisplatin properties in a nanobiotechnological approach to cancer: A mini-review. *Current Cancer Drug Targets*, 2014. doi: 10.2174/1568009614666140508154020.
2. Reis LO, Ferrari K, Zamuner M, Rocha GZ, Billis A & **Fávaro WJ** &. Urothelial carcinogen resistance driven by stronger Toll-like receptor 2 (TLR2) and Uroplakin III (UP III) defense mechanisms: a new model. *World Journal of Urology*, 2014. doi:10.1007/s00345-014-1329-y.
3. Chuffa LGA, Fioruci-Fontanelli BA, Mendes LO, **Fávaro WJ**, Pinheiro, PFF, Martinez M & Martinez FE. Characterization of Chemically Induced Ovarian Carcinomas in an Ethanol-Preferring Rat Model: Influence of Long-Term Melatonin Treatment. *Plos One*, v.8, p.e81676, 2013.
4. Moroz A, Delella FK, Almeida R, Lacorte LM, **Fávaro WJ**, Deffune E & Felisbino SL. Finasteride Inhibits Human Prostate Cancer Cell Invasion through MMP2 and MMP9 Downregulation. *Plos One*, v.8, p.e84757, 2013.
5. Sanches LD, Santos SAA, Carvalho JR, Jeronimo GDM, **Fávaro WJ**, Reis MDG, Felisbino SL & Justulin LA. Protective effect of  $\gamma$ -tocopherol-enriched diet on N-methyl-N-nitrosourea-induced epithelial dysplasia in rat ventral prostate. *International Journal of Experimental Pathology*, v.94, p.362 - 372, 2013.
6. **Fávaro WJ**, Nunes OS, Seiva FRF, Nunes IS, Woolhiser LK, Duran N & Lenaerts AJ. Effects of P-MAPA Immunomodulator on Toll-Like Receptors and p53: Potential Therapeutic Strategies for Infectious Diseases and Cancer. *Infectious Agents and Cancer*, v.7, p.14, 2012.
7. Reis LO, Ferreira U, Billis A, Cagnon VHA & **Fávaro WJ**. Anti-Angiogenic Effects of the Superantigen Staphylococcal Enterotoxin B and Bacillus Calmette-Guérin Immunotherapy for Nonmuscle Invasive Bladder Cancer. *The Journal of Urology*, v.187, p.438 - 445, 2012.
8. **Fávaro WJ**, Hetzl AC, Reis LO, Ferreira U, Billis A & Cagnon VHA. Periacinar Retraction Clefting in Nonneoplastic and Neoplastic Prostatic Glands: Artifact or Molecular Involvement. *Pathology Oncology Research*. v.18, p.285-292, 2012.