List of relevant publications:

- **A proteomic approach links decreased pyruvate kinase M2 expression to oxaliplatin resistance in patients with colorectal cancer and in human cell lines.**

- **Increased levels of copper efflux transporter ATP7B are associated with poor outcome in colorectal cancer patients receiving oxaliplatin-based chemotherapy.**

- **Elucidation of the molecular mechanisms of a salicylhydrazide class of compounds by proteomic analysis.**
  Cao X, Plasencia C, Kanzaki A, Yang A, Burke TR Jr, Neamati N.

- **Discovery of a novel quinoxalinhydrazide with a broad-spectrum anticancer activity.**

- **Expression analysis of genes involved in oxaliplatin response and development of oxaliplatin-resistant HT29 colon cancer cells.**
  Plasencia C, Martínez-Balibrea E, Martínez-Cardús A, Quinn D, Abad A, Neamati N.

- **Synthesis and biological evaluation of dimeric RGD peptide-paclitaxel conjugate as a model for integrin-targeted drug delivery.**
  Chen X, Plasencia C, Hou Y-P, Neamati N.

- **Discovery and preclinical evaluation of a novel class of small-molecule compounds in hormone-dependent and -independent cancer cell lines.**
  Plasencia C, Dayam R, Wang Q., Pinski J, Burke TR, Quinn DI, Neamati N.

- **Colorectal cancer and microsatellite instability.**
  Plasencia C, Abad A.
• **Design and synthesis of novel dihydroxyindole-2-carboxylic acids as HIV-1 integrase inhibitors.**

• **Antiproliferative effects of ZD0473 (AMD473) in combination with 5-fluorouracil or SN38 in human colorectal cancer cell lines.**
Plasencia C, Abad A, Martinez-Balibrea E, Taron M.

• **Chromosomal imbalance maps of human 5FU-resistant colorectal cancer cell lines: implications in the analysis of 5FU-acquired resistance mechanisms**
Plasencia C, Rooney PH, e Taron M, Martinez-Balibrea E, McLeod HL, Abad A.

• **Cytotoxic effects of topotecan combined with various active G2/M-phase anticancer drugs in human tumor-derived cell lines.**
Taron M, Plasencia C, Abad A, Martin C, Guillot M.
Inv New Drugs 2000, 18:139-147.