



Serena Di Cosimo

Kontakt

Serena Di Cosimo

Publikationen (22)

Fernandez-Martinez A, Rediti M, Tang G, Pascual T, Hoadley K, Venet D, Rashid N, Spears P, Islam N, El-Abed S, Bliss J, Lambertini M, Di Cosimo S, Huober J, Goerlitz D, Hu R, Lucas P, Swain S, Sotiriou C, Perou C, Carey L. Tumor Intrinsic Subtypes and Gene Expression Signatures in Early-Stage ERBB2/HER2-Positive Breast Cancer: A Pooled Analysis of CALGB 40601, NeoALTTO, and NSABP B-41 Trials. *JAMA Oncol* 2024

Di Cosimo S, Ciniselli C, Pizzamiglio S, Cappelletti V, Silvestri M, El-Abed S, Izquierdo M, Bajji M, Nuciforo P, Huober J, Cameron D, Chia S, Gomez H, Iorio M, Vingiani A, Pruneri G, Verderio P. End-of-neoadjuvant treatment circulating microRNAs and HER2-positive breast cancer patient prognosis: An exploratory analysis from NeoALTTO. *Front Oncol* 2023; 12:1028825.

Nuciforo P, Townend J, Piccart M, Fielding S, Gkolfi P, El-Abed S, de Azambuja E, Werutsky G, Bliss J, Moebus V, Colleoni M, Aspitia A, Gomez H, Gombos A, Coccia-Portugal M, Tseng L, Kunz G, Lerzo G, Sohn J, Semiglazov V, Saura C, Kroep J, Ferro A, Cameron D, Gelber R, Huober J, Di Cosimo S. Ten-year survival of neoadjuvant dual HER2 blockade in patients with HER2-positive breast cancer. *Eur J Cancer* 2022; 181:92-101.

Ligorio F, Huober J, Moscetti L, Janni W, Coccia-Portugal M, Corsetto P, Belfiore A, Lorenzini D, Daidone M, Vingiani A, Gianni L, Pupa S, Bianchini G, Pruneri G, Nuciforo P, de Azambuja E, Izquierdo M, Di Cosimo S, Verderio P, Ciniselli C, Pizzamiglio S, Castagnoli L, Dugo M, Galbardi B, Salgado R, Loi S, Michiels S, Triulzi T, Tagliabue E, El-Abed S, Vernieri C. Predictive role of CD36 expression in HER2-positive breast cancer patients receiving neoadjuvant trastuzumab. *J Natl Cancer Inst* 2022

Chumsri S, Holmes E, Di Cosimo S, Werner O, Huober J, Dueck A, Sotiriou C, Saura C, Moreno-Aspitia A, Knutson K, Perez E, Van Dooren V, Hilbers F, Carey L, Li Z, Serie D, Norton N, Mashadi-Hosseini A, Tenner K, Brauer H, Warren S, Danaher P, Colon-Otero G, Partridge A, Thompson E. Adaptive immune signature in HER2-positive breast cancer in NCCTG (Alliance) N9831 and NeoALTTO trials. *NPJ Breast Cancer* 2022; 8:68.

van Rees D, Saura C, Di Cosimo S, Huober J, Roylance R, Kim S, Kuijpers T, van Bruggen R, K van den Berg T, Guillaume S, Izquierdo M, El-Abed S, Bouti P, Klein B, Verkuijlen P, van Houdt M, Schornagel K, Tool A, Venet D, Sotiriou C, Matlung H. Cancer cells resist antibody-mediated destruction by neutrophils through activation of the exocyst complex. *J Immunother Cancer* 2022; 10

Pizzamiglio S, Huober J, Ellard S, Rimm D, Gombos A, Daidone M, Verderio P, Tagliabue E, Di Cosimo S, Nuciforo P, Bajji M, Cosentino G, Ciniselli C, De Cecco L, Cataldo A, Plantamura I, Triulzi T, El-Abed S, Wang Y, Iorio M. What if the future of HER2-positive breast cancer patients was written in miRNAs? An exploratory analysis from NeoALTTO study. *Cancer Med* 2021; 11:332-339.

Pizzamiglio S, Cappelletti V, Cinieri S, Piccart M, Daidone M, Pruneri G, Colombo M, Tagliabue E, Verderio P, Huober J, Nuciforo P, Izquierdo M, Ciniselli C, Triulzi T, Gargiuli C, De Cecco L, de Azambuja E, Fumagalli D, Sotiriou C, Harbeck N, Di Cosimo S. Integrated Molecular and Immune Phenotype of HER2-Positive Breast Cancer and Response to Neoadjuvant Therapy: A NeoALTTO Exploratory Analysis. *Clin Cancer Res* 2021; 27:6307-6313.

Vathiotis I, Kim S, Harbeck N, Gomez H, Shafi S, Syrigos K, Fountzilias G, Sotiriou C, Pusztai L, Warren S, Di Cosimo S, Huober J, Nuciforo P, Moutafi M, Divakar P, Aung T, Qing T, Fernandez A, Yaghoobi V, El-Abed S, Wang Y, Guillaume S, Rimm D. Alpha-smooth muscle actin expression in the stroma predicts resistance to trastuzumab in patients with early-stage HER2-positive breast cancer. *Clin Cancer Res* 2021

Venet D, Gomez H, Semiglazov V, de Azambuja E, Huober J, Nuciforo P, Di Cosimo S, Piccart-Gebhart M, Loi S, Rothé F, Saura C, Wang Y, Rediti M, Maetens M, Fumagalli D, Brown D, Majaj S, Salgado R, Pusztai L, Harbeck N, El-Abed S, Sotiriou C. Copy number aberration analysis to predict response to neoadjuvant anti-HER2 therapy: results from the NeoALTTO phase III clinical trial. *Clin Cancer Res* 2021

Chic N, Prat A, Huober J, Saura C, Di Cosimo S, Láng I, de Azambuja E, Wang Y, Hilbers F, Fumagalli D, Salgado R, Nuciforo P, Luen S, Loi S. Tumor Cellularity and Infiltrating Lymphocytes (CeTIL) as a Survival Surrogate in HER2-Positive Breast Cancer. *J Natl Cancer Inst* 2021

Di Cosimo S, Daidone M, Piccart M, Izquierdo M, Fumagalli D, Huober J, Saura C, De Santis M, Franzoi M, Cinieri S, Agbor-Tarh D, Porcu L, de Azambuja E. Effect of body mass index on response to neo-adjuvant therapy in HER2-positive breast cancer: an exploratory analysis of the NeoALTTO trial. *Breast Cancer Res* 2020; 22:115.

Di Cosimo S, Pusztai L, Pritchard K, Nuciforo P, Vincent-Salomon A, Symmans F, Apolone G, de Braud F, Iorio M, Verderio P, Untch M, de Azambuja E, Appierto V, Pizzamiglio S, Silvestri M, Baselga J, Piccart M, Huober J, Izquierdo M, de la Pena L, Hilbers F, Daidone M. Early Modulation of Circulating MicroRNAs Levels in HER2-Positive Breast Cancer Patients Treated with Trastuzumab-Based Neoadjuvant Therapy. *Int J Mol Sci* 2020; 21

Risi E, Di Leo A, Biganzoli L, Sotiriou C, Vitale S, Boccalini G, Romagnoli D, Huober J, Di Cosimo S, Hilbers F, Guarducci C, Bonechi M, McCartney A, Migliaccio I, Benelli M, Biagioni C, Malorni L. An RB-1 loss of function gene signature as a tool to predict response to neoadjuvant chemotherapy plus anti-HER2 agents: a substudy of the NeoALTTO trial (BIG 1-06). *Ther Adv Med Oncol* 2019; 11:1758835919891608.

Huober J, Hackman J, Dasappa L, Ciruelos E, Toral Pena J, Adamchuk H, Hickish T, de la Pena L, Jackisch C, Gelber R, Piccart-Gebhart M, Jouannaud C, Wildiers H, Lecocq C, Holmes E, Baselga J, de Azambuja E, Untch M, Fumagalli D, Sarp S, Láng I, Smith I, Boyle F, Xu B, Di Cosimo S. Survival outcomes of the NeoALTTO study (BIG 1-06): updated results of a randomised multicenter phase III neoadjuvant clinical trial in patients with HER2-positive primary breast cancer. *Eur J Cancer* 2019; 118:169-177.

Di Cosimo S, Gori S, Cinieri S, Torri V, Baselga J, Piccart M, de Braud F, Apolone G, Verderio P, Huober J, Daidone M, Peña L, Triulzi T, Pizzamiglio S, De Cecco L, de Azambuja E, Fumagalli D, Putzai L, Harbeck N, Izquierdo M, Tagliabue E. The 41-gene classifier TRAR predicts response of HER2 positive breast cancer patients in the NeoALTTO study. *Eur J Cancer* 2019; 118:1-9.

Rothé F, Wardley A, Ueno T, Janni W, Huober J, Baselga J, Piccart M, Loi S, Sotiriou C, Dawson S, Chia S, Rosa D, Di Cosimo S, Silva M, Venet D, Campbell C, Bradburry I, Rouas G, de Azambuja E, Maetens M, Fumagalli D, Rodrik-Outmezguine V, Ignatiadis M. Circulating Tumor DNA in HER2-Amplified Breast Cancer: A Translational Research Substudy of the NeoALTTO Phase III Trial. *Clin Cancer Res* 2019; 25:3581-3588.

Di Cosimo S, Verderio P, Apolone G, de Braud F, Piccart M, Baselga J, Huober J, Izquierdo M, de la Pena L, de Azambuja E, Hilbers F, Iorio M, Tiberio P, Pizzamiglio S, Appierto V, Daidone M. Plasma miRNA Levels for Predicting Therapeutic Response to Neoadjuvant Treatment in HER2-positive Breast Cancer: Results from the NeoALTTO Trial. *Clin Cancer Res* 2019; 25:3887-3895.

Powles R, Pusztai L, Elemento O, Piccart-Gebhart M, Baselga J, Huober J, Di Cosimo S, Sarp S, de Azambuja E, Harbeck N, Nuciforo P, Fumagalli D, Loi S, Sotiriou C, Redmond D, Hatzis C. Association of T-Cell Receptor Repertoire Use With Response to Combined Trastuzumab-Lapatinib Treatment of HER2-Positive Breast Cancer: Secondary Analysis of the NeoALTTO Randomized Clinical Trial. *JAMA Oncol* 2018; 4:e181564.

Lambertini M, de Azambuja E, Gelber R, Piccart-Gebhart M, Moreno-Aspitia A, Baselga J, Huober J, Tenglin R, Di Cosimo S, Azim H, Korde L, Schuehly U, Hilbers F, Guillaume S, Campbell C, Martel S, Ignatiadis M. Pregnancies during and after trastuzumab and/or lapatinib in patients with human epidermal growth factor receptor 2-positive early breast cancer: Analysis from the NeoALTTO (BIG 1-06) and ALTTO (BIG 2-06) trials. *Cancer* 2018; 125:307-316.

Ponde N, Maetens M, Harbeck N, Pusztai L, Berghorn M, Im Y, Borrego M, Chen D, Rodeheffer R, Piccart M, Suter T, Bozovic-Spasojevic I, Fumagalli D, Bradbury I, Lambertini M, Ewer M, Campbell C, Ameer H, Zardavas D, Di Cosimo S, Baselga J, Huober J, Izquierdo M, de Azambuja E. Cardiac biomarkers for early detection and prediction of trastuzumab and/or lapatinib-induced cardiotoxicity in patients with HER2-positive early-stage breast cancer: a NeoALTTO sub-study (BIG 1-06). *Breast Cancer Res Treat* 2017; 168:631-638.

Fumagalli D, Di Cosimo S, de Azambuja E, de la Pena L, Nuciforo P, Brase J, Huober J, Baselga J, Piccart M, Loi S, Coccia-Portugal M, Chang T, Gomez H, Venet D, Ignatiadis M, Azim H, Maetens M, Rothé F, Salgado R, Bradbury I, Pusztai L, Harbeck N, Sotiriou C. RNA Sequencing to Predict Response to Neoadjuvant Anti-HER2 Therapy: A Secondary Analysis of the NeoALTTO Randomized Clinical Trial. *JAMA Oncol* 2017; 3:227-234.

Projekte (0)

Keine Resultate gefunden.

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch