BIOGRAPHICAL SKETCH

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NAME	POSITION TITLE
Marina, Neyssa M	Professor of Pediatrics
eRA COMMONS USER NAME	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
University of Puerto Rico, Mayaguez Campus, PR	B.S.	1979	CHEMISTRY
University of PR, Medical Sciences Campus, PR	M.D.	1983	Medicine

A. Positions and Honors.

Positions and Employment

1983-1986 Pediatrics Residency, University Pediatric Hospital, Rio Piedras, PR
1986-1989 Post-doctoral fellow, St. Jude Children's Research Hospital, Memphis TN
1989-1995 Assistant Member, St. Jude Children's Research Hospital, Memphis, TN
1990-1994 Assistant Professor, University of Tennessee, College of Medicine, Memphis, TN
1994-1995 Associate Professor, University of Tennessee, College of Medicine, Memphis, TN
1995-1996 Acting Associate Professor of Pediatrics, Stanford University, Stanford, CA
1996-2001 Associate Professor of Pediatrics, Stanford University, Stanford, CA
2001- Professor of Pediatrics, Stanford University, Stanford, CA

Other Experience and Professional Memberships

1996-2006 Director, Long Term Survivor Clinic, Stanford, CA
2000-present Director, Stanford University Pediatric Hematology-Oncology Fellowship Program
2000-present Director, Stanford University Outpatient Pediatric Hematology-Oncology Clinic
2000-present Director, Lucile Packard Children's Hospital Day Hospital
2006-present Associate Chief Clinical Affairs, Pediatric Hematology-Oncology

Honors and Awards:

1975 Magna Cum Laude-Antoine Lavoisier Chemistry Award
1979 Phi Kappa Phi Honor Society
1982 Alpha Omega Alpha

B. Selected peer-reviewed publications (in chronological order). (selected from 71 peer-reviewed)

1. **Marina N**, Fontanesi J, Kun L, Rao B, Jenkins JJ, Thompson EE, Etcubanas E. Treatment of childhood germ cell tumors: review of the St. Jude experience from 1979 to 1988. Cancer 70:2568-2575, 1992.
2. **Marina NM**, Pratt CB, Rao BN, Shema SJ, Meyer WH. Improved prognosis of children with pulmonary metastatic osteosarcoma at diagnosis. Cancer 70:2722-2727, 1992.
3. **Marina NM**, Rodman J, Shema SJ, Bowman LC, Douglass E, Furman W, Santana VM, Hudson M, Wilimas J, Meyer W, Madden T, Pratt C. Phase I study of escalating targeted doses of carboplatin combined with ifosfamide and etoposide in children with relapsed solid tumors. J Clin Oncol 11:554-560, 1993.
4. **Marina NM**, Rodman JH, Murry DJ, Shema SJ, Bowman LC, Jones DP, Furman W. Phase I study of escalating targeted doses of carboplatin combined with ifosfamide and etoposide in treatment of newly diagnosed pediatric solid tumors. J Natl Cancer Inst 86:544-548, 1994.
5. **Marina NM**, Greenwald CA, Fairclough D, Thompson EI, Wilimas JA, Mackert PW, Hudson MM, Stokes DC, Bozeman PM. Serial pulmonary function studies in children treated for newly diagnosed Hodgkin's disease with mantle radiotherapy plus alternating cycles of COP and ABVD. Cancer 75:1706-1711, 1995.
6. Rao BN, **Marina N**, Meyer WH, et al. Chest wall resection for Ewing's sarcoma of the rib: an unnecessary procedure. Ann Thorac Surg 60:1454-5, 1995.
7. **Marina NM**, Rodman JH, Murry DJ, Shema SJ, Bowman LC, Jones DP, Furman W. Phase I study of escalating targeted doses of carboplatin combined with ifosfamide and etoposide in treatment of newly diagnosed pediatric solid tumors. J Natl Cancer Inst 86:544-548, 1994.

8. **Marina NM**, Pappo AS, Parham DM, et al. Chemotherapy dose-intensification for pediatric patients with Ewing's family of tumors and desmoplastic small round cell tumor: a feasibility study at St. Jude Children's Research Hospital. J Clin Oncol 17:180-90, 1999.
9. **Marina NM**, Cushing B, Giller R, et.al. Complete Surgical Excision is Effective Treatment for Children with Immature Teratomas: A Pediatric Oncology Group/Children's Cancer Group Intergroup Study. J Clin Oncol 17:2137-2143, 1999.
10. Cushing B, Giller R, Ablin A, Cohen L, Cullen J, Hawkins E, Heifetz SA, Krailo M, Lauer SJ, **Marina N**, Rao PV, Rescorla F, Vinocur CD, Weetman RM, and Castleberry RP. Surgical resection alone is effective treatment for ovarian immature teratoma in children and adolescents: A report of the Pediatric Oncology Group and the Children's Cancer Group. Am J Obstet Gynecol 181(2):353-358, 1999.
11. Meyer WH, Pratt CB, Poquette CA, Rao BN, Parham DM, **Marina NM**, Pappo AS, Mahmoud HH, Jenkins JJ, Harper J, Neel M, Fletcher BD. Carboplatin/Ifosfamide Window Therapy for Osteosarcoma: Results of the St. Jude Children's Research Hospital OS-91 Trial. J Clin Oncol 19:171-182, 2001.
12. Verneris MR, Arshi A, Edinger M, Kornacker M, Natkunam Y, Karami M, Cao YA, **Marina N**, Contag CH, Negrin RS. Low levels of Her2/neu expressed by Ewing's family tumor cell lines can redirect cytokine-induced killer cells. Clin Cancer Res 12: 4561-70, 2005.
13. **Marina N**, London WB, Frazier L, Lauer S, Rescorla F, Cushing B, Malogolowkin M, Castleberry R, Womer R, Olson T. Prognostic Factors in Children with Extragonadal Malignant Germ Cell Tumors: A Pediatric Intergroup Study. J Clin Oncol 24: 2544-2548, 2006.
14. Oeffinger KC, Mertens AC, Sklar CA, Kawashima T, Hudson MM, Meadows AT, Friedman DL, **Marina N**, Hobbie W, Kadan-Lottick NS, Schwartz CL, Leisenring W, Robison LL. Chronic Health Conditions in Adult Survivors of Childhood Cancer. N Engl J Med 355:1572-82, 2006.
15. Hudson MM, Rai SN, Nunez C, Merchant TE, **Marina NM**, Zalamea N, Cox C, Phipps S, Pompeu R, Rosenthal DN. "Non-Invasive Evaluation of Late Anthracycline Cardiac Toxicity in Childhood Cancer Survivors". J Clin Oncol 25:3635-3643, 2007.
16. Frazier AL, Rumcheva P, Olson T, Giller R, Cushing B, Cullen J, **Marina N**, London WB. Application of the adult International Germ Cell Classification System to pediatric malignant non-seminomatous germ cell tumors: A report from the Children's Oncology Group. Pediatr Blood Cancer 50: 746-751, 2007.
17. Burke ME, Albritton K, **Marina N**. Challenges in the recruitment of adolescents and young adults to cancer clinical trials. Cancer 110: 2385-2393, 2007.
18. Shankar SM, **Marina N**, Hudson MM, Hodgson DC, Adams MJ, Landier W, Bhatia S, Meeske K, Chen MH, Kinahan KE, Steinberger J, Rosenthal D. Monitoring for cardiovascular disease in survivors of childhood cancer: report from the Cardiovascular Disease Task Force of the Children's Oncology Group. Pediatrics 121:e387-396, 2008.
19. Leavey PJ, Mascarenhas L, **Marina N**, Chen Z, Krailo M, Miser J, Brown K, Tarbell N, Bernstein ML, Granowetter L, Gebhardt M, Grier HE. Prognostic factors for patients with Ewing sarcoma (EWS) at first recurrence following multi-modality therapy: A report from the Children's Oncology Group. *Pediatr Blood Cancer* 51:334-38, 2008.
20. Dubois SG, Krailo MD, Lessnick SL, Smith R, Chen Z, **Marina N**, Grier HE, Stemeier K. Phase II study of intermediate dose cytarabine in patients with relapsed or refractory Ewing sarcoma; A report from the Children's Oncology Group. Pediatr Blood Cancer (in press) 2008.
21. Goldsby R, Burke C, Nagarajan R, Zhou T, Chen Z, **Marina N**, Friedman D, Neglia J, Chuba P, Bhatia S. Second solid malignancies among children, adolescents, and young adults diagnosed with malignant bone tumors after 1976: follow-up of a children's oncology group cohort. Cancer 113:2597-604, 2008.
22. Daw NC, Gregornik D, Rodman J, **Marina N**, Wu J, Kun LE, Jenkins JJ, McPherson V, Wilimas J, Jones DP. Renal function after ifosfamide, carboplatin and etoposide (ICE) chemotherapy, nephrectomy and radiotherapy in children with wilms tumour. Eur J Cancer 45:99-106, 2009.

C. Research Support.

U10 CA98543-01 (Reaman) 3/01/07-present 10%
NIH/NCI (National Childhood Cancer Foundation)
Children's Oncology Group Bone Sarcoma Committee
Chair

U10 CA98543-01 (Reaman) 4/04/06-present 10%
NIH/NCI (National Childhood Cancer Foundation)
Children's Oncology Group
Principal Investigator