Sumita Roy, MD
Assistant Professor (Clinician Educator)

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EDUCATION **University of Mumbai, India** **(**Lokmanya Tilak Municipal Medical College, Sion, Mumbai - 22) Graduated with **M.B., B.S.** degree	**DATES** July, 1999
POSTGRADUATE TRAINING	
Resident, Department of Family Practice North Oakland Medical Center, Pontiac, Michigan	07/01/02 to 06/30/03
Resident, Department of Pediatrics Michigan State University/ E.W. Sparrow Hospital, East Lansing, MI	07/01/03 to 05/07/06 (received 2 months credit from ABP for doing a year of Family Practice)
Fellow, Department of Pediatrics Division of Pediatric Hematology and Oncology, University of Michigan, Ann Arbor, MI	07/01/06 to 06/30/09
WSU FACULTY APPOINTMENTS	
Division of Pediatric Hematology-Oncology Division of Pediatric Hospital Medicine Division of General Pediatrics & Adolescent Medicine	07/01/2010 to 07/31/2016 08/01/2016 to 9/30/2018 10/01/2018 to 06/30/2019

CMU FACULTY APPOINTMENTS Division of General Pediatrics & Adolescent Medicine	07/01/2019 to present
HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS Division of General Pediatrics Adolescent Medicine, Children's Hospital of Michigan, Detroit, MI Pediatric Hospitalist at DMC Huron Valley-Sinai Hospital, Commerce, MI Division of Pediatric Hematology-Oncology, Children's Hospital of Michigan, Detroit, MI Division of Pediatric Hematology and Oncology, C.S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI E.W. Sparrow Hospital, Michigan State University East Lansing, MI North Oakland Medical Center, Pontiac, MI *(Immigration to US & completion of USMLE Steps 1, 2 and 3)* Locum Position in Obstetrics/Gynecology at Holy Family Hospital, Mumbai, India Locum Position in Surgery at Bhabha Atomic Research Center Hospital, Mumbai, India	 10/01/2018 to present 08/01/2016 to 9/30/2018 07/01/2010 to 07/31/2016 07/01/2006 to 06/30/2009 07/01/2003 to 05/07/2006 07/01/2002 to 06/30/2003 *August 2000 to June 2002* January 2000 to July 2000 July 1999 to December 1999
MAJOR PROFESSIONAL SOCIETIES The American Academy of Pediatrics The American Society of Pediatric Hematology/Oncology (ASPHO) American Society of Hematology Children's Oncology Group	 2003-2007 2007-present 2007- present 2006-present

UPG or Other Physician Practice Plan University Pediatricians	
Affiliate Medical Organizations Children's Hospital of Michigan DMC Huron Valley-Sinai Hospital	
Scholarly Service Member of the Bioethics Committee of Children's Hospital of Michigan.	
TEACHING DMC Pediatric and genetics residents and medical students (WSU and CMU) rotating through GPAM outpatient clinics and pediatric Cancer Genetics clinic (multidisciplinary clinic with genetics and oncology)	
Course or curriculum development - Pediatric hematology for residents and medical students in the primary care setting -Pediatric Grand Rounds Activity Director - Didactic lectures regarding management of inpatient and outpatient issues for children with sickle cell disease. - For fellows, residents and medical students. - Key role in developing sickle cell power plan for management of sickle cell pain in conjunction with pharmacy service, IT service and nurse educator. - Involved in development of protocol for outpatient management of fever in sickle cell patients in conjunction with Division of Emergency Medicine.	
COMMUNITY: **Detroit Independent Freedom schools (DIFS): Webinar/panel discussion on manifestations and impact of COVID** Involved in various community events/activities of the Sickle Cell Disease Association (SCDAA, Michigan- Detroit).	May 2020 2010-2016

GRANTS, CONTRACTS, AND OTHER FUNDING

Children's Foundation ; Community Benefit and Education Grant
R1-2020-51 (01/01/2020-12/31/2020)
R1-2021-33 (01/01/2021-12/31/2021)
R1-2022-70 (01/01/2022-12/31/2022)
Received $5000 to reimburse honoraria for guest speakers at the Children's hospital of Michigan Grand Rounds

T32 Training grant

T32 HD007513-10 12/01/07 -- 06/30/08
T32 HD007513-11 07/01/08 – 06/30/09
Population based study to look at the prevalence of TP53 mutations in childhood cancer. Population was derived from all newly diagnosed patients with cancer diagnosed under the age of 20 who were evaluated at the University of Michigan between January 1, 2008 and December 31, 2008. Families meeting diagnostic criteria underwent a comprehensive molecular diagnostic workup for the candidate gene (or genes). In the absence of a recognizable candidate gene, all probands were evaluated for mutations in *TP53* by sequencing the entire coding region. The data would provide new estimates that quantify the risk to relatives of pediatric cancer patients and would measure the utility of molecular diagnostic workups for inherited cancer syndromes to all pediatric and young adult cancer patients.

CLINICAL TRIAL ACTIVITIES (2010-2016)

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: Baby Hug FUII - Pediatric Hydroxyurea Phase III Clinical Trial (Baby Hug) Follow-up Observational Study II
Source: NHLBI

Role: Co-Investigator, Percent Effort: 5%
Site PI: M. Callaghan, MD
Title: Elipsis – A Phase 0 Longitudinal Observational Study Of Biomarkers Of Pain In Adolescents And Adults With Sickle Cell Disease
Source: Pfizer
Status: Accruing

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD

Title: EPIC - EVALUATION OF PURIFIED POLOXAMER 188 IN CHILDREN IN CRISIS (EPIC): A PHASE 3 RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER CLINICAL TRIAL OF MST-188 (PURIFIED POLOXAMER 188) INJECTION IN CHILDREN WITH SICKLE CELL DISEASE EXPERIENCING VASO-OCCLUSIVE CRISIS
Source: MAST Therapeutics

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: EPIC - EVALUATION OF PURIFIED POLOXAMER 188 IN CHILDREN IN CRISIS (EPIC): A PHASE 3 RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER CLINICAL TRIAL OF MST-188 (PURIFIED POLOXAMER 188) INJECTION IN CHILDREN WITH SICKLE CELL DISEASE EXPERIENCING VASO-OCCLUSIVE CRISIS
Source: MAST Therapeutics

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: Epic-E - Evaluation of Repeat Administration of Purified Poloxamer 188 in Vaso-Occlusive Crisis of Sickle Cell Disease (EPIC-E): An Open-Label Safety Extension Trial Assessing Repeat Administration of MST-188 (Purified Poloxamer 188) Injection in Subjects with Sickle Cell Disease Experiencing Vaso-Occlusive Crisis
Source: MAST Therapeutics

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: Ferriprox - The Efficacy and Safety of Ferriprox® for the Treatment of Transfusional Iron Overload in patients with Sickle Cell Disease or Other Anemias
Source: ApoPharma
Status: Open and accruing

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: Ferriprox EAP – Long-term Safety and Efficacy Study of Ferriprox® for the Treatment of Transfusional Iron Overload in Patients with Sickle Cell Disease or Other Anemias
Source: ApoPharma
Status: Open to accrual

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: HESTIA - Multicenter, open-label, randomised, pharmacokinetic (PK) and pharmacodynamic (PD) dose-ranging Phase II study of ticagrelor followed by a double-blind, randomised, parallel-group, placebo-controlled 4 weeks extension phase in paediatric patients with sickle cell disease
Source: Astra Zeneca

Status: Closed to accrual

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: RESET - A Phase 3, Multicenter, Randomized, Double-Blind, Plavebo-Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of Rivipansel (BMI-1070) in the Treatment of Vaso-occlusive Crisis in Hospitalized Subjects with Sickle Cell Disease
Source: Pfizer
Status: Open to accrual

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: RESET EAP - AN OPEN-LABEL EXTENSION STUDY TO EVALUATE THE SAFETY OF RIVIPANSEL (GMI-1070) IN THE TREATMENT OF ONE OR MORE VASO-OCCLUSIVE CRISES IN HOSPITALIZED SUBJECTS WITH SICKLE CELL DISEASE
Source: Pfizer
Status: Open to accrual

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: SUSTAIN - A Phase II, Multicenter, Randomized, Placebo-Controlled, Double-Blind, 12-Month Study to Assess Safety and Efficacy of SelG1 With or Without Hydroxyurea Therapy in Sickle Cell Disease Patients with Sickle Cell-Related Pain Crises.
Source: Selexys Pharmaceuticals
Status: Open to accrual

Role: Co-Investigator, Percent Effort: 5%
Site PI: S. Sarnaik, MD
Title: SUSTAIN - A Phase II, Multicenter, Randomized, Placebo-Controlled, Double-Blind, 12-Month Study to Assess Safety and Efficacy of SelG1 With or Without Hydroxyurea Therapy in Sickle Cell Disease Patients with Sickle Cell-Related Pain Crises.
Source: Selexys Pharmaceuticals
Status: Open to accrual

Role: Site Primary Investigator (2011-2012)
Title: A PHASE III, PROSPECTIVE, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP, MULTICENTER STUDY OF L-GLUTAMINE THERAPY FOR SICKLE CELL ANEMIA AND SICKLE ß0-THALASSEMIA (Protocol GLUSCC09-01)
Source: Emmaus medical Inc. Per patient budget: $ 9,185.40 per patient enrolled
Status: Closed to accrual (5 patients enrolled)

PUBLICATIONS

1. **Survival Benefit for Individuals With Constitutional Mismatch Repair Deficiency Undergoing Surveillance.** Carol Durno , Ayse Bahar Ercan, Vanessa Bianchi, Melissa Edwards, Melyssa Aronson, Melissa Galati, Eshetu G Atenafu , Gadi Abebe-Campino, Abeer Al-Battashi, Musa Alharbi, Vahid Fallah Azad, Hagit N Baris, Donald Basel, Raymond Bedgood, Anne Bendel, Shay Ben-Shachar, Deborah T Blumenthal, Maude Blundell, Miriam Bornhorst , Annika Bronsema, Elizabeth Cairney, Sara Rhode, Shani Caspi, Aghiad Chamdin, Stefano Chiaravalli, Shlomi Constantini, Bruce Crooks, Anirban Das, Rina Dvir, Roula Farah, William D Foulkes, Zehavit Frenkel, Bailey Gallinger, Sharon Gardner, David Gass, Mithra Ghalibafian, Catherine Gilpin, Yael Goldberg , Catherine Goudie, Syed Ahmer Hamid, Heather Hampel, Jordan R Hansford, Craig Harlos, Nobuko Hijiya, Saunders Hsu, Junne Kamihara, Rejin Kebudi, Jeffrey Knipstein, Carl Koschmann, Christian Kratz , Valerie Larouche, Alvaro Lassaletta , Scott Lindhorst, Simon C Ling, Michael P Link, Rebecca Loret De Mola, Rebecca Luiten, Michal Lurye, Jamie L Maciaszek, Vanan MagimairajanIssai, Ossama M Maher, Maura Massimino , Rose B McGee, Naureen Mushtaq, Gary Mason, Monica Newmark, Garth Nicholas, Kim E Nichols, Theodore Nicolaides, Enrico Opocher, Michael Osborn, Benjamin Oshrine, Rachel Pearlman, Daniel Pettee, Jan Rapp, Mohsin Rashid, Alyssa Reddy, Lara Reichman, Marc Remke, Gabriel Robbins, **Sumita Roy**, Magnus Sabel, David Samuel, Isabelle Scheers, Kami Wolfe Schneider, Santanu Sen, Duncan Stearns , David Sumerauer, Carol Swallow, Leslie Taylor, Gregory Thomas, Helen Toledano, Patrick Tomboc, An Van Damme , Ira Winer, Michal Yalon , Lee Yi Yen, Michal Zapotocky, Shayna Zelcer, David S Ziegler, Stefanie Zimmermann, Cynthia Hawkins, David Malkin, Eric Bouffet, Anita Villani, Uri Tabori. **J Clin Oncol.2021 May 4;JCO2002636. doi: 10.1200/JCO.20.02636. Online ahead of print. PMID: 33945292 DOI: 10.1200/JCO.20.02636**

2. **IMMU-18. FAVORABLE OUTCOME IN REPLICATION REPAIR DEFICIENT HYPERMUTANT BRAIN TUMORS TO IMMUNE CHECKPOINT INHIBITION: AN INTERNATIONAL RRD CONSORTIUM REGISTRY STUDY.** Eric Bouffet,1 Sumedha Sudhaman,1 Jiil Chung,1 Jacalyn Kelly,1 Ailish Coblentz,1 Melissa Edwards,1 Tatiana Lipman,1 Cindy Zhang,1 Ayse Bahar Ercan,1 Lauren Sambira,1 Anne Bendel,2 Stefan Bielack,3 Elisabeth Koustenis,3 Deborah Blumenthal,4 Daniel Bowers,5 Alberto Broniscer,6 Annika Bronsema,7 Sara Carroll,8 Stefano Chiaravalli,9 Kristina Cole,10 Shlomi Constantini,4 Rebecca Loret De Mola,11 Gavin Dunn,12 Charlotta Fröjd,13 David Gass,14 Karen Gauvain,12 Ben George,15 Nobuko Hijiya,16 Lindsey Hoffman,17 Jeffrey Knipstein,15 Ted Laetsch,5 Valérie Larouche,18 Alvaro Lassaletta,19 Scott Lindhorst,20 Alexander Lossos,21 Sandra Luna-Fineman,17 Vanan Magimairajan,22 Gary Mason,23 Warren Mason,24 Maura Massimino,9 Oz Mordechai,25 Enrico Opocher,26 Michal Oren,27 Michael Osborn,28 Alyssa Reddy,29 Mark Remke,**30 Sumita Roy,**31 Magnus Sabel,32 David Samuel,33 Kami Schneider,17 Santanu Sen,34 Duncan Stearns,35 David Sumerauer,36 Gregory Thomas,11 Patrick Tomboc,37 An Van Damme,38 Margaret Wierman,39 Ira Winer,40 Lee Yi Yen,41 Michal Zapotocky,36 David Ziegler,42 Stefanie Zimmermann,43 Rina Dvir,4 Gidi Rechavi,27 Carol Durno,1 Melyssa Aronson,44 Michael Taylor,1 Peter Dirks,1 Trevor Pugh,45 Adam Shlien,1 Cynthia Hawkins,1 Daniel Morgenstern,1 and Uri Tabori1.

Neuro Oncol. 2020 Dec; 22(Suppl 3): iii363. Published online 2020 Dec 4. doi: 10.1093/neuonc/noaa222.374 PMCID: PMC7715575

3. Lupus anticoagulant acquired hypoprothrombinemia syndrome in childhood: two distinct patterns and review of the literature. *Tania Sarker MD, MPH, **Sumita Roy, MD**, Wendy Hollon, Madhvi Rajpurkar MD. Haemophilia. 2015 Nov;21(6):754-60

4. 21 month old girl with Hb 1.9: 'Index of suspicion' in Pediatrics in Review, September 2014 issue. **Sumita Roy, MD**

5. Pediatric duodenal cancer and biallelic mismatch repair gene mutations. **Roy S,** Raskin L, Raymond VM, Thibodeau SN, Mody RJ, Gruber SB. Pediatr Blood Cancer. 2009 Jul;53(1):116-20.

Letters to the Editor

Bacteremia in febrile children with sickle cell disease. Özgönenel B, *Mushrif SK, McGrath E, **Roy S,** Sarnaik S.J Pediatr Hematol Oncol. 2014 Jan;36(1):83.

PRESENTATIONS

Podium Presentations

Pediatric Duodenal Cancer and Bi-allelic Mismatch Repair Gene Mutations - POSTER AND ORAL PRESENTATION: 49th Annual Meeting of the Midwest Society for Pediatric Research (MWSPR), October 16 & 17, 2008, **Sumita Roy, MD**

Poster Presentations

Primary Burkitt Lymphoma in a child with Down Syndrome. Sumita Roy, Ishita Datta, Jeffrey W. Taub, Süreyya Savaşşan – presented at the 59th Annual Meeting of the Midwest Society for Pediatric Research (MWSPR), October 4, 2018

Lupus anticoagulant acquired hypoprothrombinemia syndrome in childhood: two distinct patterns and review of the literature. *Sarker T, **Roy S**, Hollon W, Rajpurkar M.

- Poster presentation at the Thrombosis and Hemostasis Summit of North America in April 2014.

Bacteremia in patients with sickle cell disease. *Sujata K Mushrif[1], Bulent Ozgonenel[1], Eric Mcgrath[2], **Sumita Roy[1]**, Wanda J Witten Shurney[1], Sharada Sarnaik.- --- Presented at the

American Society of Pediatric Hematology Oncology in May, 2010 and 11th Annual Pediatric Research Day at Children's Hospital of Michigan

Pediatric Duodenal Cancer and Bi-allelic Mismatch Repair Gene Mutations - POSTER AND ORAL PRESENTATION: 49th Annual Meeting of the Midwest Society for Pediatric Research (MWSPR), October 16 & 17, 2008, **Sumita Roy, MD**

Disseminated Zygomycetes Infections in Immunocmpromised Host: Annual Research Day, Michigan State University, March, 2006, **Sumita Roy, MD**

Other Presentations (Seminars, Resident Teaching and Grand Rounds)

Pediatric Residency noon conference, November 2, 2021 : Journal Club**: '**Iron absorption from oral iron supplements given on consecutive versus alternate days and as single morning doses versus twice-daily split dosing in iron-depleted women: two open-label, randomised controlled trials.' Stoffel NU, Cercamondi CI, Brittenham G, Zeder C, Geurts-Moespot AJ, Swinkels DW, Moretti D, Zimmermann MB. Lancet Haematol. 2017 Nov;4(11):e524-e533. doi: 10.1016/S2352-3026(17)30182-5. Epub 2017 Oct 9. PMID: 29032957.

Pediatric Residency Academic Lecture Series, April 28, 2021: "Bone health in Children: Guidelines for Vitamin D and calcium intake"

Pediatric Hematology Oncology Fellows' lecture, June 2020: Cancer predisposition in children

Iron Deficiency Anemia, Pediatric residents' noon conference, Childrens' Hospital of Michigan, August 21, 2019

Pediatric residents' noon conference, Childrens' Hospital of Michigan, November 2015: Hematology Board Review - Sickle Cell Anemia

Pediatric Grand Rounds, Childrens' Hospital of Michigan March 20, 2015: 'Pediatric Cancer Predisposition',

Pediatric residents' noon conference, Childrens' Hospital of Michigan, November 2013: Hematology Board Review - Sickle Cell

Emergency Medicine Department teaching rounds, Children's Hospital of Michigan; March, 2013: Approach to Anemia,

Marcocytic anemia, Pediatric residents' noon conference, Childrens' Hospital of Michigan, January 2013

Pediatric Sickle Cell pain management pathway, Pediatric residents' noon conference, Childrens' Hospital of Michigan, May 2012

Hemoglobinopathies and Pediatric sickle cell pain pathway , Emergency Department teaching rounds, Children's Hospital of Michigan; December, 2011

Pediatric Duodenal Cancer and Bi-allelic Mismatch Repair Gene Mutations. Grand Rounds, June 17, 2009, Division of Pediatric Hematology and Oncology, University of Michigan.

Treatment of Children With Metastatic Soft Tissue Sarcoma With Oral Maintenance Compared to High Dose Chemotherapy: Report of the HD CWS-96 Trial: Journal Club, May 2008, Division of Pediatric Hematology and Oncology, University of Michigan.

Mismatch Repair Deficiency, Genetics Joint Conference, May 2008, Division of Pediatric Genetics and Cancer Genetics

Cytogenetics in Infant ALL, December, 2007, Division of Clinical Cytogenetics, University of Michigan.

Diabetes insipidus and Langerhans cell Histiocytosis, Tumor Board, September 2007, Division of Pediatric Hematology and Oncology, University of Michigan.

Duodenal carcinoma in children and young adults, Tumor Board, June 2007, Division of Pediatric Hematology and Oncology, University of Michigan.

Pediatric Melanoma, Tumor Board, June 2007, Division of Pediatric Hematology and Oncology, University of Michigan.

Peripheral Neuroblastic Tumors, Tumor Board, May 2007 , Division of Pediatric Hematology and Oncology, University of Michigan.

Malignant Peripheral Nerve Sheath Tumor,Tumor Board, April 2007 , Division of Pediatric Hematology and Oncology, University of Michigan.

Malignant Rhabdoid Tumor, Protocol AREN0321, Tumor Board, March 2007, Division of Pediatric Hematology and Oncology, University of Michigan.

Rhabdomyosarcoma, Protocol ARST0331, Tumor Board, February 2007, Division of Pediatric Hematology and Oncology, University of Michigan.

Ewing Sarcoma, Protocol AEWS0031, Tumor Board, December 2006, Division of Pediatric Hematology and Oncology, University of Michigan.

Post-transplant lymphoproliferative disease, Protocol ANHL0221 ,Tumor Board, December 2006, Division of Pediatric Hematology and Oncology, University of Michigan.

Hodgkin Lymphoma, Protocol AHOD0431, Tumor Board, September 2006, Division of Pediatric Hematology and Oncology, University of Michigan.

Disseminated Zygomycetes Infection in Immunocompromised Host, Case Report & Literature Review, Sparrow Hospital Grand Rounds on February 9, 2006, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Hemolytic Uremic Syndrome, Pediatric Residents Conference, October, 2005, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Necrotizing Enterocolitis, Neonatology Conference, August 2005, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Diagnosis of catheter related blood stream infections among pediatric oncology patients lacking peripheral cultures. Journal Club, August 2005, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Dermatomyositis, Rheumatology and Ethics Subspecialty Case Conference in July 2005, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Lemmiere's Syndrome, Infectious Disease Sub-specialty Case Conference in May, 2005, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Approach to Inborn Errors of Metabolism, Genetics Sub-specialty case conference, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Acute Ischemic Stroke in Children, Sub-specialty Case Conference, June 2004, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Osteomyelitis, Infectious Disease Sub-specialty Case Conference, May 2004, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Congenital Cystic Adenomatoid Malformation of Lung, Neonatology Conference, March, 2004, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Branchial Cleft Cyst and Approach to Neck Masses, Pediatric Residents Conference, February 2004, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Elevated Procalcitonin and Renal Scarring After UTI, Journal Club, January 2004, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Neonatal Asphyxia, Neonatology Conference, November 2003, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Guillian-Barre Syndrome, Neurology Sub-specialty Case Conference, October 2003, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Failure to Thrive, Pediatric Residents Conference, September 2003, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Addison's Disease, Endocrinology Sub-specialty Case Conference, July 2003, Michigan State University/E.W. Sparrow Hospital, East Lansing, MI

Painful Eye, Resident Noon Conference, February, 2003, North Oakland Medical Center, Pontiac, MI

Clinical Applications of PET, Journal Club, January, 2003, North Oakland Medical Center, Pontiac, MI

Breast Cancer Screening, Resident Noon Conference, September, 2002, North Oakland Medical Center, Pontiac, MI