DHSA 4th Annual Research Symposium
May 11, 2011 – Alfred I. duPont Hospital for Children / Nemours


2. *Enhancing Therapeutic Efficacy of Anticancer Drugs by Applying Nanotechnology in Acute Leukemia Therapy*, Vinu Krishnan – UD; Collaborators – X. Xu, S. Barwe, R. Witt, S. Waldman, X. Jia, A. Rajasekaran. vinu@udel.edu

3. *Center for Bioinformatics and Computational Biology*, Katie Lakofsky – UD. klakofsk@udel.edu

4. *Junctional Adhesion Molecule-A Protects the Ischemic Heart*, Ulhas Naik – UD; Collaborators – V. Cooke, C. Schmoyer, J.C. Kostyak, J. Joyce, E. Gao, T. Tsuda. unaik@udel.edu


7. *Pre-clinical Xenograft Mouse Models to Study the Role of Calcium Binding Proteins in Pediatric Leukemia*, Sonali Barwe – UD; Collaborators – E.A. Kolb, A.S. Bojja, P. Dhanan, R.W. Mason, D. Corao-Uribe, A.K. Rajasekaran, C. Frantz. barwe@medsci.udel.edu

8. *Drug Discovery Targeting the Interaction of MLL-AF4 and AF9 in Pediatric MLL-Rearranged Leukemia*, Donna Cartledge – NAIDHC; Collaborators – K. Drake, V. Watson, Y. Peng, A. Napper. dcartled@nemours.org


11. **Sonic Hedgehog-induced Histone Deacetylase Activation is Necessary for Hyperplasia of Cerebellar Granule Precursors in Early Development of Medulloblastoma**, Seung Joon Lee – NAIDHC; Collaborators – S.A. Langhans, J.M. Olson, B. Graves. logner2@gmail.com

12. **Pediatric Vestibular and Balance Disorders: Risk Factors and Causes from 300+ Pediatric Patients**, Jessica Levi – NAIDHC; Collaborators – T.P. Perry, E.Z. Zwicky, R.O. O’Reilly, T.M. Morlet. jlevi@nemours.org

13. **Which Risk Model or Combination of Risk Models is Most Accurate in Predicting a Mutation in the BRCA1 and BRCA2 Genes?**, Danielle McKenna – CCHS, Z. AliKahn-Catts, B. Boman. dmckenna@udel.edu


15. **Adolescents and Fast Food: Associations with Early Markers of Chronic Disease**, Mia Papas – UD; Collaborator – K.J. Helzlsouer. mpapas@udel.edu

16. **Balance Intervention Using Wii Fit Plus in Community Dwelling Older Adults**, Elizabeth Orsega-Smith – UD; Collaborators – J. Davis, T. Mitchell. eosmith@udel.edu


18. **International Morquio Registry**, Kristen D. Jones – NAIDHC; Collaborator – S. Tomatsu. krjones@nemours.org

19. **Airway and Inflammatory Profile of ORL Rats: An Asthma Phenotype?**, Elena Rodriguez – NAIDHC; Collaborators – T. Shaffer, J.S. Barthold, S. Waldman. merodrig@nemours.org

20. **Community-Funded Research Computing Clusters**, Richard S. Sacher – UD. dsacher@udel.edu


22. **Reovirus (Reolysin) as a Potential Therapy for Malignant Peripheral Nerve Sheath Tumors**, Valerie Sampson – NAIDHC; Collaborators – D. Kamara, B. Calio, E.A. Kolb. vsampson@nemours.org

23. **Does Gum Chewing Promote Postoperative Bowel Recovery in Patients Undergoing Elective Colorectal Surgery?**, Kathleen Schell – UD; Collaborators – E. Haley, J. Waterhouse. kaschell@udel.edu

24. **Growth Charts of Morquio A Patients**, Eriko Yasuda – NAIDHC; Collaborators – S. Tomatsu, K.D. Jones. eyasuda@nemours.org
25. A Highly Sensitive Assay for the Discovery of Inhibitors of the Histone Methyltransferase DOT1L to Treat MLL-Rearranged Leukemia, Venita Watson – NAIDHC; Collaborators – A. Napper, K.M. Drake, K. Lambertson. vwatson@nemours.org

26. Discovery of Inhibitor against the Ubiquitin Specific Protease 11 in Human DHA Damage Response, Zhihao Zhuang – UD; Collaborators – A. Napper, J.R. Brody, A.C. Zohra. zzhuang@udel.edu

27. Role of MicroRNA 23b in Colon Cancer Stem Cells, Vignesh Viswanathan – UD; Collaborators – L. Opdenaker, G. Gonye, N.J. Petrelli, B.M. Boman. vignesh@udel.edu

28. Role of HOX Genes in Regulation of Stem Cell Populations in Normal and Malignant Colon Tissue, Seema Bhatlekar – UD; Collaborators – K. Czymmek, V. Viswanathan, G. Gonye, B. Boman. seema@udel.edu

29. Implantable Three-Dimensional Salivary Spheroid Assemblies Demonstrate Fluid and Protein Secretory Responses to Neurotransmitters, Swati Pradhan Bhatt – UD; Collaborators – D.A. Harrington, R.L. Duncan, X. Jia, R.L. Witt, M.C. Farach-Carson. swati@udel.edu