Rare Diseases Clinical Research Network (RDCRN) Publications

Updated: October 11, 2017

RDCRN Data Management and Coordinating Center Publications

DMCC Publications

RDCRN Descriptive Publications

RDCRN Publications

RDCRN Publications, Current Grant Cycle Consortia

Advancing Research & Treatment for Frontotemporal Lobar Degeneration
Autonomic Rare Disease Clinical Research Consortium
Brain Vascular Malformations Consortium
Chronic Graft Versus Host Disease Consortium
Clinical Research in ALS & Related Disorders for Therapeutic Development
Consortium of Eosinophilic Gastrointestinal Disease Researchers
Developmental Synaptopathies Consortium
Dystonia Coalition
Genetic Disorders of Mucociliary Clearance
Inherited Neuropathies Consortium
Lysosomal Disease Network
Nephrotic Syndrome Rare Disease Clinical Research Network
North American Mitochondrial Diseases Consortium
Porphyrias Consortium
Primary Immune Deficiency Treatment Consortium
Rare Kidney Stone Consortium
Rare Lung Diseases Consortium
Rett Syndrome, MECP2 Duplications, and Rett-related Disorders Consortium
Sterol and Isoprenoid Diseases Consortium
Urea Cycle Disorders Consortium
Vasculitis Clinical Research Consortium

Resources are listed by consortium and publication type and sorted by date. JAMA Style. Send any updates to Hannah Fitterman at Hannah.Fitterman@epi.usf.edu
RDCRN Publications, Previous Grant Cycle Consortia

Angelman, Rett, and Prader-Willi Syndromes Consortium
Bone Marrow Failure Consortium
Cholestatic Liver Disease Consortium
Clinical Research Consortium for Spinocerebellar Ataxias
Consortium for Clinical Investigation of Neurologic Channelopathies
Rare Genetic Steroid Disorders
Rare Thrombotic Diseases
Salivary Gland Carcinomas Consortium
RDCRN Data Management and Coordinating Center Publications

Book Chapters


Abstracts Presented at Conferences
1. Krischer J. Data collection and analysis from multiple research sites: The Rare Diseases Clinical Research Network. Paper presented at: International Conference on Rare Diseases & Orphan Drugs; February 16, 2005; Stockholm, Sweden.


Conference Proceedings


Journal Articles


**RDCRN Descriptive Publications**

**Journal Articles**


**Advancing Research & Treatment for Frontotemporal Lobar Degeneration**

**Journal Articles**


Autonomic Rare Diseases Clinical Research Consortium

Book Chapters


Journal Articles


10. Raj SR, Black BK, Biaggioni I, Paranjape SY, Ramirez M, Dupont WD, Robertson D. Propranolol decreases tachycardia and improves symptoms in the postural tachycardia syndrome: less is more. *Circulation.* Sep 1 2009;120(9):725-734. PMID: 19687359, PMCID: PMC2758650


68. Coffin ST, Black BK, Biaggioni I, Paranjape SY, Orozco C, Black PW, Dupont WD, Robertson D, Raj SR. Desmopressin acutely decreases tachycardia and improves symptoms in the postural tachycardia syndrome. *Heart Rhythm.* May 3 2012. PMID: 22561596, PMCID: PMC3419341


**Brain Vascular Malformation Consortium**

**Book Chapters**


**Abstracted Presented at Conferences**

1. Khan Y, Hart B, Morrison L. CCM in Hispanic children in New Mexico Paper presented at: 2nd Conference on Clinical Research for Rare Diseases; September 21, 2010; Washington, DC.


Conference Proceedings


Journal Articles


41. Lo WD, Kumar R. Arterial Ischemic Stroke in Children and Young Adults. *Continuum (Minneapolis, Minn).* 2017;23(1, Cerebrovascular Disease):158-180. PMID: 28157749


**Brittle Bone Disorders Consortium**

**Journal Articles**


**Chronic Graft Versus Host Disease Consortium**

**Conference Proceedings**


Journal Articles


Clinical Research in ALS & Related Disorders for Therapeutic Development

Journal Articles


**Consortium of Eosinophilic Gastrointestinal Disease Researchers**

**Journal Articles**


**Developmental Synaptopathies Consortium**

**Journal Articles**


**Dystonia Coalition**

**Abstracts Presented at Conferences**


4. Rosen A, Jinnah HA. An innovative infrastructure for common consortium challenges. Poster presented at: Conference on Clinical Research for Rare Diseases; September 21, 2010; Bethesda, MD.


17. Prudente C, Pardo C, Jinnah H. Neuropathology of primary cervical dystonia. Paper presented at: Division Students Advisory Council (DSAC) Symposium 2012; Atlanta, GA.


Journal Articles


**Genetic Disorders of Mucociliary Clearance**

**Book Chapters**

**Abstracts Presented at Conferences**


Journal Articles


60. Leigh MW, Knowles MR. Assessment of Ciliary Beat Pattern: Variability in Healthy Control Subjects Has Implications for Use as Test for Primary Ciliary Dyskinesia. *Chest.* 2017;151(5):958-959. PMID: 28483130

### Inherited Neuropathies Consortium

#### Book Chapters


#### Abstracts Presented at Conferences

Conference Proceedings


Journal Articles


97. Lewis RA, McDermott MP, Herrmann DN, et al. High-Dosage Ascorbic Acid Treatment in Charcot-Marie-Tooth Disease Type 1A: Results of a Randomized, Double-Masked, Controlled Trial. JAMA neurology. Aug 1 2013;70(8):981-987. PMID: 23797954, PMCID: PMC3752369


134. Hershey LA, Perlmutter JS. Smoking and Parkinson disease: where there is smoke there may not be fire. *Neurology.* Oct 14 2014;83(16):1392-1393. PMID: 25217061


**Lysosomal Disease Network**

**Book Chapters**


Abstracts Presented at Conferences


10. Schiffman R. The natural history of mucolipidosis type IV. Paper presented at: Lysosomal Disease Network's WORLD Symposium; February 8-10, 2012; San Diego, CA.

12. Polgreen LE, Miller BS. Preliminary data on the growth impact and safety of human growth hormone treatment in children with Hurler and Hunter syndromes. Poster presented at: Lysosomal Disease Network's WORLD Symposium; February 8-10, 2012; San Diego, CA.


17. Utz JR CT, Sorgen PJ, Whitley CB. Metabolomic study of CSF and serum markers in infantile and juvenile gangliosidosis diseases. Lysosomal Disease Network's 10th annual WORLD Symposium; February 11-13, 2014; San Diego, CA.

18. Utz JR SP, Crutcher T, Whitley CB. Screening for CSF and serum biomarkers in infantile and juvenile gangliosidosis diseases. Lysosomal Disease Network’s 10th annual WORLD Symposium; February 11-13, 2014; San Diego, CA.

19. Utz JR WC. Eradication of inhibitors to enzyme replacement therapy in Hunter syndrome patient using non-cytotoxic, non-immunosuppressing regimen. Lysosomal Disease Network’s 10th annual WORLD Symposium; February 11-13, 2014; San Diego, CA.

20. JR U. Non-cytotoxic, non-immunosuppressing approach to tolerance induction during ERT treatment. FDA Workshop on Immune Responses to Enzyme Replacement Therapies: Role of Immune Tolerance Induction; June 9, 2014; Silver Spring, MD.

21. Utz JR CT, Schneider J, Whitley CB. Biomarkers of inflammation in CSF and serum of infantile and juvenile gangliosidoses. American College of Medical Genetics and Genomics Annual Meeting; March 24-28, 2015; Salt Lake City, UT.

22. Schneider J RK, Whitley CB, Utz JR. Prevalence of hypothyroidism in adult patients with Pompe disease. Lysosomal Disease Network’s 11th annual WORLD Symposium; February 10-12, 2015; Orlando, FL.

Conference Proceedings


Journal Articles


71. Patterson MC, Mengel E, Vanier MT, et al. Stable or improved neurological manifestations during miglustat therapy in patients from the international disease registry for Niemann-Pick
disease type C: an observational cohort study. *Orphanet J. Rare Dis.* 2015;10:65. PMID: 26017010, PMCID: PMC4462071


**Nephrotic Syndrome Rare Disease Clinical Research Network**

Abstracts Presented at Conferences


3. Barisoni L. Overview of the pathology of minimal change disease and focal segmental glomerulosclerosis. Paper presented at: ISN (International Society of Nephrology) Update Course in Nephrology; December 9-12, 2011; Dubai, UAE.


15. Gipson D. Patient Reported Outcomes in Nephrotic Syndrome. Paper presented at: Rare Disease Clinical Research Network (RDCRN) Steering Committee Meeting; October 2, 2013; Rockville, MD.

16. Barisoni L. Molecular Diagnosis and Classification of FSGS. Paper presented at: American Society of Nephrology Kidney Week; November 5-10, 2013; Atlanta, GA.


presented at: American Society of Nephrology Kidney Week; November 2-8, 2015; San Diego, CA.

**Journal Articles**


North American Mitochondrial Diseases Consortium

Journal Articles


17. Bedoyan JK, Yang SP, Ferdinandusse S, et al. Lethal neonatal case and review of primary short-chain enoyl-CoA hydratase (SCEH) deficiency associated with secondary lymphocyte pyruvate...

**Porphyrias Consortium**

**Book Chapters**


Abstracts Presented at Conferences

1. Anderson K. CYP1A2*1F and GSTM1 Alleles Are Associated with Susceptibility to Porphyria Cutanea Tarda. Poster presented at: International Porphyrins & Porphyrias Meeting; April 2011; Cardiff, Wales.


7. Desnick RJ. The Porphyrias: Cardinal Signs and Diagnosis/Treatment. Paper presented at: American College of Medical Genetics Annual Clinical Genetics Meeting; March 31, 2012; Charlotte, NC.


**Conference Proceedings**


**Journal Articles**


**Special Projects**


**Primary Immune Deficiency Treatment Consortium**

**Journal Articles**


2. Patel NC, Chinen J, Rosenblatt HM, et al. Long-term outcomes of nonconditioned patients with severe combined immunodeficiency transplanted with HLA-identical or haploidentical bone


**Rare Kidney Stone Consortium**

**Book Chapters**


**Abstracts Presented at Conferences**


24. Edvardsson V. Rare causes of kidney stones and kidney failure: focus on APRT deficiency and 2,8-dihydroxyadeninuria. Paper presented at: Symposium on Rare Disease, Annual Meeting of the Icelandic Medical Association; January, 2012; Reykjavic, Iceland.


27. Lieske J. Hypertension and Urolithiasis. Paper presented at: 12th International Symposium on Urolithiasis; May, 2012; Ouro Preto, Brazil.


33. Lieske J. Primary hyperoxaluria: not such a rare disease? Paper presented at: Research on Calculous Kinetics Society Session at the American Urological Association Meeting; May, May 2012; Atlanta, GA.


42. Milliner D. Crystal nephropathies and chameleons. Paper presented at: 8th Uruguayan Congress of Nephrology; September, 2012; Montevideo, Uruguay.


44. Edvardsson VO, Hardarson S, Palsson R. Renal histopathological findings in patients with 2,8-dihydroxyadeninuria. Paper presented at: European Society For Pediatric Nephrology; September, 2012; Krakow, Poland.

45. Edvardsson V, Agustsdottir I, Palsson R. Childhood presentation and renal outcome of APRT deficiency (2,8-Dihydroxyadeninuria) in Iceland. Paper presented at: European Society For Pediatric Nephrology, 45th Annual Meeting; September, 2012; Krakow, Poland.


47. Edvardsson V. Clinical features and long-term renal outcome of Islandic patients with APRT deficiency and 2,8-dihydroxyadeninuria. Paper presented at: 11th Congress of the European Society of Internal Medicine; October, 2012; Madrid, Spain.


Journal Articles


**Rare Lung Diseases Consortium**

**Book Chapters**

Journal Articles


Rett Syndrome, MECP2 Duplication, and Rett-related Disorders
Consortium

Book Chapters

Abstracts Presented at Conferences


Journal Articles


### Sterol and Isoprenoid Diseases Consortium

#### Book Chapters

#### Journal Articles


**Urea Cycle Disorders Consortium**

**Abstracts Presented at Conferences**


5. Tuchman M. Setting up Multi-Institutional Network Research in Rare Diseases: The Urea Cycle Consortium. Paper presented at: Society for Inherited Metabolic Disorders Meeting; March, 2008; Asilomar, CA


7. Lichter-Konecki U. A Rare Disease Clinical Research Consortium for the collaborative investigation of UCDs Paper presented at: Pediatric Academic Societies Annual Meeting; May, 2009; Baltimore, MD.


22. Ludwig W, Ellenbogan A, Gropman A. MDFiber Tracts in the Corpus Callosum Correlate with Scores on Behavioral Tasks and Glutamine Levels in Patients with OTCD, initial study (selected for travel award). Paper presented at: Society for Inherited Metabolic Disorders Annual Conference; March 31 - April 2, 2012; Charlotte, NC.


Conference Proceedings


Journal Articles


83. Caldovic L, Abdikarim I, Narain S, Tuchman M, Morizono H. Genotype-Phenotype Correlations in Ornithine Transcarbamylase Deficiency: A Mutation Update. *Journal of genetics and*


Vasculitis Clinical Research Consortium

Book Chapters

Abstracts Presented at Conferences

Journal Articles


35. Herlyn K, Hellmich B, Seo P, Merkel PA. Patient-reported outcome assessment in vasculitis may provide important data and a unique perspective. *Arthritis Care Res (Hoboken).* Nov 2010;62(11):1639-1645. PMID: 20556814, PMCID: PMC3123033


**RDCRN Publications, Previous Partners**

- Angelman, Rett, and Prader-Willi Syndromes Consortium
- Bone Marrow Failure Consortium
- Cholestatic Liver Disease Consortium
- Clinical Research Consortium for Spinocerebellar Ataxias
- Consortium for Clinical Investigation of Neurologic Channelopathies
- Rare Genetic Steroid Disorders
- Rare Thrombotic Diseases
- Salivary Gland Carcinomas Consortium

**Angelman, Rett, and Prader-Willi Syndromes Consortium**

**Book Chapters**


Abstracts Presented at Conferences


31. Cassidy SB, McCandless SE, Driscoll DJ, Schwartz S. Do some people with severe Prader-Willi syndrome have two microdeletion syndromes? Paper presented at: David Smith Meeting; August, 2008; Greenwood, SC.


35. Butler MG, Kibiryeva N, Fischer W, Bittel DC. High resolution array comparative genomic hybridization (aCHG) in individuals with Prader-Willi syndrome. Paper presented at: KUMC Faculty Research Day and Poster Session; November 6, 2008; Kansas City, KS.


Journal Articles


Meng L, Person RE, Beaudet AL. Ube3a-ATS is an atypical RNA polymerase II transcript that represses the paternal expression of Ube3a. *Hum. Mol. Genet.* Jul 1 2012;21(13):3001-3012. PMID: 22493002, PMCID: PMC3465693


**Special Projects**


Bone Marrow Failure Consortium

Abstracts Presented at Conferences


5. Bai F, Zou J, Wei S, Painter J, Blaskovich M, Sebti S, Loughran T, Epling-Burnette P. Th2 polarization induced by the farnesyltransferase inhibitor Tipifarnib (Zarnestra, R115777) through suppression of t-bet. Paper presented at: American Society of Hematology; December 8-11, 2007; Atlanta, GA.


10. Gondek L, Dunbar A, O'Keefe C, McDevitt M, Batista D, Theil K, Maciejewski J. SNP-A karyotyping facilitates improved mapping of deletions and uniparental disomy within the long arm of Chromosome 5 in myeloid disorders. Paper presented at: American Society of Hematology; December 8-11, 2007; Atlanta, GA.

KIR-2DL3/C1 mismatch in responders to immunosuppression. Paper presented at: American Society of Hematology; December 8-11, 2007; Atlanta, GA.

**Journal Articles**


**Cholestatic Liver Disease Consortium**

**Abstracts Presented at Conferences**


Conference Proceedings

Journal Articles


**Clinical Research Consortium for Spinocerebellar Ataxias**

**Book Chapters**


**Abstracts Presented at Conferences**

1. Figueroa K, Gomez C, Paulson H, Perlman S, Schmahmann J, Subramony SH, Wilmot G, Zesiewicz T, Ashizawa T, Pulst S. Prior Molecular Diagnostic Accuracy and Age of Disease Onset


Journal Articles


**Consortium for Clinical Investigation of Neurologic Channelopathies**

**Abstracts Presented at Conferences**


Journal Articles


symptoms and signs of myotonia in nondystrophic myotonia: a randomized controlled trial. JAMA. Oct 3 2012;308(13):1357-1365. PMID: 23032552, PMCID: PMC3564227


Rare Genetic Steroid Disorders

Journal Articles

Rare Thrombotic Diseases Consortium

Journal Articles


**Salivary Gland Carcinomas Consortium**

**Journal Articles**


20. Li N, Xu L, Zhao H, El-Naggar AK, Sturgis EM. A comparison of the demographics, clinical features, and survival of patients with adenoid cystic carcinoma of major and minor salivary glands versus less common sites within the Surveillance, Epidemiology, and End Results registry. Cancer. Aug 15 2012;118(16):3945-3953. PMID: 22179977, PMCID: PMC3412946


