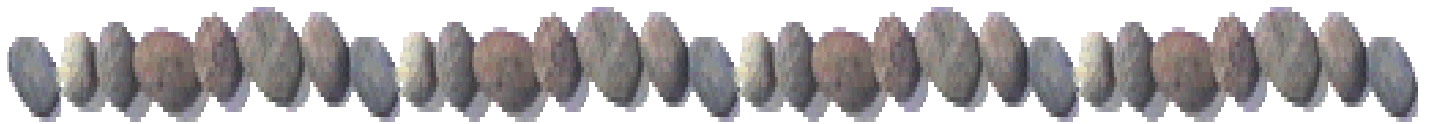


*Annual Retreat of the
O'Brien Urology Research Center at Mayo Clinic
& the Rare Kidney Stone Consortium*

**January 10 - 11, 2014
Opus Building 1-128
Rochester, MN**



*O'Brien Urology Research Center at Mayo Clinic
Director: John C. Lieske, MD*



*Rare Kidney Stone Consortium
Director: Dawn S. Milliner, MD*



O'Brien Urology Research Center at Mayo Clinic

Friday, January 10, 2014 7:00 am - 5:00 pm																	
7:00 am - 8:00 am Location: Mayo Bldg 19th Floor Ozmun Hall	Journal Article Review – “ <i>Stone Disease in Living-Related Renal Donors: Long-Term Outcomes for Transplant Donors and Recipients</i> ”. <i>Journal of Endourology</i> 27(12):1520-1524, December 2013. Presenter: Dr. Michael Mao Continental Breakfast will be provided																
8:15 am – 8:30 am Location: Opus 1-128	Welcome and Introductions D. Milliner, MD & J. Lieske, MD																
8:30 am – 8:45 am	Overview of O'Brien Center J. Lieske, MD																
9:00 am – 11:00 am	O'Brien Urology Research Center <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 50%; text-align: center;">Title</th> <th style="width: 30%; text-align: center;">Investigators</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">9:00 – 9:30 am</td> <td>Project 1: <i>In vivo stone characterization: What can we learn about a stone using noninvasive imaging techniques?</i></td> <td>C. McCollough, PhD; S. Leng, PhD</td> </tr> <tr> <td style="text-align: center;">9:30 – 10:00 am</td> <td>Project 2: <i>Visualization and Pathophysiology of Renal Stone Precursor Lesions</i></td> <td>J. Lieske, MD; A. Krambeck, MD F. Zhao, MD</td> </tr> <tr> <td style="text-align: center;">10:00 – 10:30 am</td> <td>Project 3: <i>Prediction of Kidney Stone Episodes</i></td> <td>A. Rule, MD; E. Bergstralh</td> </tr> <tr> <td style="text-align: center;">10:30 -11:00 am</td> <td>Project 4: <i>Using a Drosophila model to identify inhibitors of Oxalate Nephrolithiasis</i></td> <td>M. Romero, PhD</td> </tr> </tbody> </table>			Title	Investigators	9:00 – 9:30 am	Project 1: <i>In vivo stone characterization: What can we learn about a stone using noninvasive imaging techniques?</i>	C. McCollough, PhD; S. Leng, PhD	9:30 – 10:00 am	Project 2: <i>Visualization and Pathophysiology of Renal Stone Precursor Lesions</i>	J. Lieske, MD; A. Krambeck, MD F. Zhao, MD	10:00 – 10:30 am	Project 3: <i>Prediction of Kidney Stone Episodes</i>	A. Rule, MD; E. Bergstralh	10:30 -11:00 am	Project 4: <i>Using a Drosophila model to identify inhibitors of Oxalate Nephrolithiasis</i>	M. Romero, PhD
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11:00 am – 12:00 pm	O'Brien Review Panel Discussion External Advisory Board Members and Program & Project Directors																
12:00 pm – 1:00 pm Working Lunch	Ultra-short echo-time magnetic resonance for imaging kidney stones El-Sayed Ibrahim, PhD																
1:00 pm – 1:30 pm	Overview of Rare Kidney Stone Consortium (RKSC) D. Milliner, MD																
1:30 pm – 2:45 pm	Rare Kidney Stone Consortium <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 50%; text-align: center;">Title</th> <th style="width: 30%; text-align: center;">Investigators</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1:30 – 2:15 pm</td> <td>Project 1: <i>Primary Hyperoxaluria</i></td> <td>D. Milliner, MD; J. Lieske, MD</td> </tr> <tr> <td style="text-align: center;">1:30 – 1:45 pm</td> <td><i>PH program overview and summary of research efforts and accomplishments</i></td> <td>D. Milliner, MD</td> </tr> <tr> <td style="text-align: center;">1:45 – 1:55 pm</td> <td><i>PH incidence by allele frequency of disease variants Unclassified forms of PH: Exome studies</i></td> <td>K. Hopp, PhD</td> </tr> <tr> <td style="text-align: center;">1:55 – 2:05 pm</td> <td><i>Genotype/Phenotype correlations in PH</i></td> <td>A. Cogal</td> </tr> </tbody> </table>			Title	Investigators	1:30 – 2:15 pm	Project 1: <i>Primary Hyperoxaluria</i>	D. Milliner, MD; J. Lieske, MD	1:30 – 1:45 pm	<i>PH program overview and summary of research efforts and accomplishments</i>	D. Milliner, MD	1:45 – 1:55 pm	<i>PH incidence by allele frequency of disease variants Unclassified forms of PH: Exome studies</i>	K. Hopp, PhD	1:55 – 2:05 pm	<i>Genotype/Phenotype correlations in PH</i>	A. Cogal
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	<p>2:05 – 2:15 pm</p> <p>2:15 – 2:45 pm</p>	<p><i>Significance of NC and stones in PH</i> <i>Dialysis oxalate removal in PH</i></p> <p>Project 2: Cystinuria</p>	<p><i>X. Tang, PhD</i></p> <p><i>D. Goldfarb, MD</i> <i>Frank Modersitzki, MPH</i></p>
2:45 pm – 3:00 pm	BREAK		
3:00 pm – 4:00 pm	Rare Kidney Stone Consortium		
		Title	Investigators
	3:00 -3:30 pm	Project 3: APRT Deficiency	<i>V. Edvardsson MD; R. Palsson, MD</i>
	3:30 – 4:00 pm	Project 4: Dent Disease	<i>J. Lieske, MD; L. Beara-Lasic, MD; X. Tang, PhD</i>
4:00 pm – 5:00 pm	Rare Kidney Stone Consortium Panel Discussion		
	External Advisory Board Members and Program & Project Directors		
6:00 pm	Dinner	Location: Lieske Residence	



O'Brien Urology Research Center at Mayo Clinic

Saturday, January 11, 2014 7:30 am – 1:30 pm			
7:15 am – 7:30 am	Continental Breakfast Location: Opus 1-128		
7:30 am – 7:35 am	Welcome D. Milliner, MD & J. Lieske, MD		
7:35 am – 8:25 am	O'Brien Urology Research Center Pilot Projects		
		Title Investigators	
	7:35 – 8:05 am	Pilot Project: Human Microbiome and Renal Stone Formation 8:05 – 8:25 am Pilot Project- Summer Students	<i>N. Chia, PhD</i> <i>M. Romero, PhD</i>
8:25 am – 9:45 am	Rare Kidney Stone Consortium Pilot Projects		
		Title Investigators	
	8:25 – 8:45 am	Pilot Project: Novel Assay for the Determination of Urinary 2,8-Dihydroxyadenine and Other Key Urinary Purine Metabolites	<i>V. Edvardsson, MD</i>
	8:45 – 9:05 am	Pilot Project: MR Elastography in Primary Hyperoxaluria – Initial Results	<i>S. Venkatesh, MD</i>
	9:05 – 9:25 am	Pilot Project: Descriptive analysis of gut microbiome alterations in hyperoxaluric patients	<i>L. Nazzal, MD</i>
9:25 – 9:45 am	Pilot Project: Post Kidney Transplant Nephrocalcinosis: Incidence, Risk Factors, and Graft Function	<i>H. Amer, MD</i>	
9:45 am – 10:35 am	Rare Kidney Stone Consortium Training Program		
		Title Investigators	
	9:45 am – 10:15 am	Training Program: Role of Phosphorus and FGF 23 in Dent disease and stone patients	<i>L. Beara-Lasic, MD</i>
10:15 am – 10:35 am	Training Program: Acid-based regulation of intestinal oxalate transport	<i>J. Whittamore, PhD</i>	
10:35 am – 11:00 am	Patient Advisory Groups (PAGS) <i>Kim Hollander, Oxalosis and Hyperoxaluria Foundation</i>		
11:00 am - 12:00 pm	O'Brien Center and Rare Kidney Stone Consortium Panel Discussion External Advisory Board Members and Program Directors		
12:00 pm	Meeting Adjourns		