## Lab Members

### Principal Investigator

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Email</th>
<th>Interest</th>
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<tbody>
<tr>
<td>John Alverdy MD</td>
<td>MD</td>
<td><a href="mailto:john.alverdy@uchospitals.edu">mailto:john.alverdy@uchospitals.edu</a></td>
<td>Pseudomonas virulence regulation</td>
</tr>
<tr>
<td>Sara and Harold Lincoln Thompson</td>
<td>Professor of Surgery</td>
<td><a href="mailto:sara.thompson@uchospitals.edu">mailto:sara.thompson@uchospitals.edu</a></td>
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### Lab Director

- Olga Zaborina PhD

### Research Staff

- Irina Morozova
- Valeriy Poroyko PhD
- Vesta Valuckaite MD
- Alexander Zaborin PhD

### Research Surgery Residents

- **Trissa Babrowski**
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  Interest: Pseudomonas virulence regulation

- **Erica Carlisle**
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  Interest: Necrotizing enterocolitis

- **David Fink**
  [mailto:dfink@surgery.bsd.uchicago.edu](mailto:dfink@surgery.bsd.uchicago.edu)
  Interest: Polymer-mediated mucous replacement

- **Jason Long**
  [mailto:Jason.Long@uchospitals.edu](mailto:Jason.Long@uchospitals.edu)
  Interest: Phosphate mediated virulence expression
Andrea Olivas  
[mailto:Andrea.Olivas@uchospitals.edu]  
Interest: Bacterial virulence and enteric anastomosis

Katie Romanowski  
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Interest: Pseudomonas virulence regulation

John Seal  
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Interest: Computational agent based modeling

Collaborators

Donald Liu MD, PhD  
Mary Campau Ryerson  
Professor of Surgery and Pediatrics  
Surgeon-in-Chief  
Comer Children's Hospital

Michael Morowitz MD  
Assistant Professor of Surgery  
Section of Pediatric Surgery

Gary An MD  
Department of Surgery  
Northwestern University Hospital  
Section of Trauma and Critical Care

Eugene B Chang MD  
Martin Boyer  
Professor of Medicine
Giuliano Testa MD
Associate Professor of Surgery
Section of Transplantation
Director, Liver Transplantation

Robert S Daum MD
Professor of Pediatrics
Section of Pediatric Infectious Diseases

Jerrold Turner MD, PhD
Professor of Pathology

Raphael Lee MD, ScD, DSc
Professor of Surgery, Medicine, and Organismal Biology and Anatomy