

Page 1

**Q1 Faculty Information:**

Last name:	<b>Artlett</b>
First name:	<b>Carol</b>
Faculty Position:	<b>Associate Professor</b>
Department:	<b>Microbiology &amp; Immunology</b>
Institution:	<b>DUCOM</b>
Phone:	<b>215-991-8585</b>
Email Address:	<b>cma49@drexel.edu</b>

---

**Q2 Type of Research?**

**Translational Research,**  
Other (please  
specify):  
also basic research

---

**Q3 Please describe your research interests:**

fibrosis, fibroblast biology, innate immune signaling, ER stress, and procollagen export from the ER

---

## Medical Student Research Opportunities

**Q4** Please provide a brief description of research opportunity/project(s):

1) Title of project(s):	<b>development of small molecule IL-1 inhibitors</b>
Brief Description:	<b>small soluble molecules to prevent IL-1 binding the receptor and causing fibrosis</b>
Specific Requirements:	<b>some lab experience</b>
Funded or unfunded (yes or no):	<b>yes</b>
2) Title of project(s):	<b>Investigation of procollagen export from the ER</b>
Brief Description:	<b>This project studies the regulation of procollagen from the ER and the role of IL-1 driving COPII protein and collagen specific export factor expression</b>
Specific Requirements:	<b>some lab experience</b>
Funded or unfunded (yes or no);	<b>no</b>

---

<b>Q5</b> Please indicate the specific level of experience required, if applicable:	<b>Open to all medical students</b>
---	-------------------------------------

---