

Pace University
DigitalCommons@Pace

Dyson College- Seidenberg School of CSIS :
Collaborative Projects and Presentations

Dyson College of Arts & Sciences

1-23-2009

Synthesis and Applications of Polycationic Organic Salts

Collaborative Project

Follow this and additional works at: <http://digitalcommons.pace.edu/dysonpr>

 Part of the [Chemistry Commons](#)

Recommended Citation

Project, Collaborative, "Synthesis and Applications of Polycationic Organic Salts" (2009). *Dyson College- Seidenberg School of CSIS : Collaborative Projects and Presentations*. Paper 3.
<http://digitalcommons.pace.edu/dysonpr/3>

This Article is brought to you for free and open access by the Dyson College of Arts & Sciences at DigitalCommons@Pace. It has been accepted for inclusion in Dyson College- Seidenberg School of CSIS : Collaborative Projects and Presentations by an authorized administrator of DigitalCommons@Pace. For more information, please contact rracelis@pace.edu.

Synthesis and Applications of Polycationic Organic Salts

Primary Investigator

Dr. JaimeLee Rizzo – PACE University

Current Students

Christina Rivera

Herby Jeanty

Amy Parikh

Eric Nelson

Collaborators

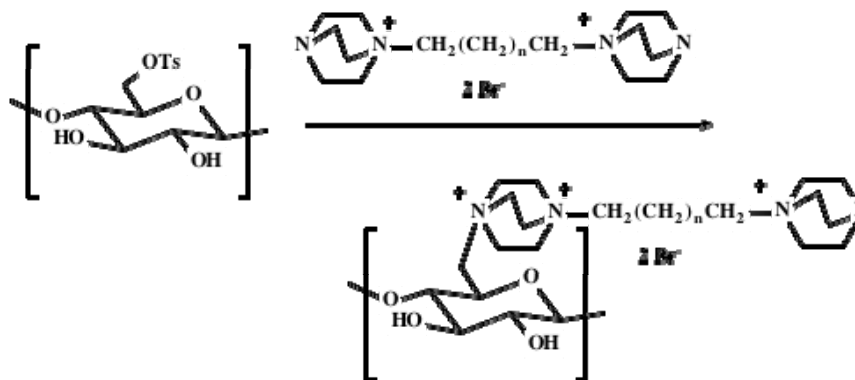
Robert Engel, Queens College, CUNY

Karin Melkonian, CW Post, LIU

Geoffrey Abbott, Weill Cornell Medical College

Johnson & Johnson

Nigel Yarlett; D. Athanasopoulos - PACE



Objective

To synthesize a variety of new polycationic compounds and investigate applications that include their use as antibacterial, antifungal, antiviral, and antiparasitic agents.

Specific Research Aims

- Modification of water filters and to test for antiparasitic activity.
- Binding of agents onto surfaces and to investigate for antiviral activity.
- Synthesis of new compounds as potassium ion channel modulators.
- Development of a new green detergent.