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ONE HUNDRED THIRTEENTH CONGRESS
Congress of the United States
House of Representatives
COMMITTEE ON ENERGY AND COMMERCE
2125 RAYBURN HOUSE OFFICE BUILDING
WASHINGTON, DC 20515-6115
Majority (202) 225-2927
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December 19, 2014

Mr. Christian Binek, Ph.D.
Associate Professor
Physics and Astronomy
University of Nebraska – Lincoln
310 G Theodore Jorgensen Hall
Lincoln, NE 68588

Dear Dr. Binek,

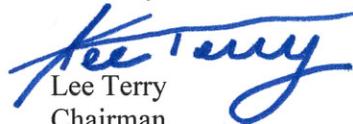
Thank you for appearing before the Subcommittee on Commerce, Manufacturing, and Trade on Tuesday, July 29, 2014 to testify at the hearing entitled “Nanotechnology: Understanding How Small Solutions Drive Big Innovation.”

Pursuant to the Rules of the Committee on Energy and Commerce, the hearing record remains open for ten business days to permit Members to submit additional questions for the record, which are attached. The format of your responses to these questions should be as follows: (1) the name of the Member whose question you are addressing, (2) the complete text of the question you are addressing in bold, and (3) your answer to that question in plain text.

To facilitate the printing of the hearing record, please respond to these questions by the close of business on Monday, January 5, 2015. Your responses should be e-mailed to the Legislative Clerk in Word format at Kirby.Howard@mail.house.gov and mailed to Kirby Howard, Legislative Clerk, Committee on Energy and Commerce, 2125 Rayburn House Office Building, Washington, D.C. 20515.

Thank you again for your time and effort preparing and delivering testimony before the Subcommittee.

Sincerely,



Lee Terry
Chairman
Subcommittee on Commerce,
Manufacturing, and Trade

cc: Jan Schakowsky, Ranking Member, Subcommittee on Commerce, Manufacturing, and Trade
Attachment

Additional Questions for the Record

The Honorable Lee Terry

1. The high risk nature of nanotechnology research and development is generally described as a barrier for investment. Have you seen any increase in industry investment as more nano-driven technologies are developed for the commercial market?
2. In your testimony, you discuss your pending patent on refrigeration through voltage-controlled entropy change. Please describe in more detail the potential commercial applications for this technology.
3. Have you experienced challenges in licensing your patents for commercial development? If so, how have you overcome these obstacles?