Curriculum Vitae

Personal Information

Name: DO VAN THANH NHAN

Date of Birth: 26th March, 1986

Gender: Male
Nationality: Vietnamese
Address: 05-118, Kita 21 Nishi 10, Kita-ku, Sapporo, Hokkaido, JAPAN, 001-0021
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Education

Most recent degree

Ph.D. University of Alberta, Canada (Prof. Derrick Clive) 2016–2021.

Other degree(s)

Vietnamese Baccalaureate Certificate 2000–2003
B.Sc. DaNang University - College of Education, DaNang city, Vietnam 2003–2007

Academic history

Researcher at University of Natural Sciences–Vietnam National University, Ho Chi Minh 2008–2014

Awards

Honorable mention of the 2nd Vietnamese Student Chemistry Olympiad	2004
Third Prize of the 4th Vietnamese Student Chemistry Olympiad	2006
GSA Academic Travel Awards	2017, 2019
Chemistry Alumni International Graduate Scholarship	2018
Interdepartmental Science Students' Society Excellence in Teaching Award	2019
Marshall Syska Chemistry Graduate Scholarship	2019
William B McCormack Writing Prize in Chemistry	2020
Sigma-Aldrich Canadian Chemistry Symposium, best presentation	2021

Research Experience, Activities

Undergraduate research projects:

- Isolated humic acid from brown coal in Lien Chieu province, DaNang City.
- Research on chemical composition of unevaporated mixture from *Severina Monophylla* leaf. (*Undergraduate thesis*)

Post undergraduate research projects:

- Synthesis of ionic liquid for electrolytes in lithium-ion batteries (published).
- Synthesis of sulforaphane from thiolane (published).
- General route to synthesize arylsulfanyl and alkylsulfanyl *meta*-substituted phenols (published).
- Total synthesis of sorbicillactone A (in progress).

Publications

1. Synthesis of new fluorinated imidazolium ionic liquids and their prospective function as the electrolytes for lithium-ion batteries, Anh Ngoc Tran, Thanh-Nhan Van Do, Loan- Phung My Le and Thach Ngoc Le. *Journal of Fluorine Chemistry*, **2014**, *164*,38-43.
2. A new and effective approach to the synthesis of sulforaphane, Duy-Viet Vo, Van-Dat Truong, Thanh-Dao Tran, Thanh-Nhan Van Do, Ngoc-Tuan Anh Pham and Khac-Minh Thai, *Letters in Organic Chemistry*, **2016**, *13*, 7-10.
3. Formation of *meta*-Arylsulfanyl- and *meta*-(alkylsulfanyl)phenols from Cyclohexa-1,3-diones, Nhan Do Van Thanh, Subrata Patra and Derrick L. J. Clive. *Tetrahedron*, **2018,** *74*, 4343.
4. 1,2-anti aldol methodology used in natural product synthesis, Nhan Do Van Thanh, *Tetrahedron*, **2020**, *76*, 130618.
5. Organic Positive Materials for Magnesium Batteries, a review, Ngoc-Anh Tran, Nhan Do Van Thanh, My Loan Phung Le. *Chem. Eur. J*, **2021**, *27*, 9217.

Conferences

1. "A new route to phenols including *meta*-substituted and *para*-substituted phenols", Wenjie Shao, Guojun Yu, Nhan Do and Derrick L. J. Clive. **Poster presentation** in Novartis Organic Poster Session, May 15, 2017.

2. "A general and green route to synthesize meta-substitution phenols", Nhan Do and Derrick L. J. Clive. **Oral presentation** at Banff Symposium on Organic Chemistry, 27–30 October, 2017.
3. "A new route to phenols including *meta*-substituted and densely functionaized phenols", Do Nhan, Wenjie Shao, Guojun Yu, Patra Subrata and Derrick Clive. **Poster presentation** in Novartis organic poster session, May 10, 2019.
4. "A new route to phenols including *meta*-substituted and densely functionaized phenols", **Do Nhan**, Wenjie Shao, Guojun Yu, Patra Subrata and Derrick Clive. **Poster presentation** in Banff Symposium on Organic Chemistry, 31 October–3 November, 2019.
5. "Formation of *meta*-substituted phenols", **Do Nhan**. **Oral presentation** of 1st Organic Reaction Symposium, 10 May 2021.
6. "Synthesis of *meta*-(arylsulfanyl) and *meta*-(alkylsulfanyl) substituted phenols", **Do Nhan**. **Oral presentation** of Sigma-Aldrich Canadian Chemistry Symposium, 9 Dec 2021.

Other Activities

Organic Chemistry teacher for Ho Chi Minh high school chemistry team for Vietnamese Science Olympiad	2008–2016
Teaching assistant at the University of Alberta	2016–2021

Referees

1. **Dr. Derrick Clive**

   Professor of Chemistry

   Address: Department of Chemistry. University of Alberta. Edmonton, Alberta, T6G 2G2 Canada

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2. **Dr. John C. Vederas FRS FRSC**

   University Professor of Chemistry

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