**CIRRICULUM VITAE**

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| Name: NGUYEN THI THANH MAI, PhD, Professor **Position title:** Vice-Chancellor, Vietnam National University Hochiminh City (VNU-HCM); Head of Oustanding Research Group belong to Medicinal Chemistry Program, VNU-HCM. |  |

**Education/training:**

| **Institution and location** | **Degree** | **Completion date** | **Field of study** |
| --- | --- | --- | --- |
| University of Science, VNU-HCM, Vietnam | Bachelor | 1996 | Chemistry |
| University of Science, VNU-HCM, Vietnam | Master | 2000 | Analytical Chemistry |
| University of Toyama, Japan | PhD | 2005 | Pharmaceutical |

**I. Personal Statement**

Skilled and highly-experienced researcher with an extensive background in the natural product isolation and medicinal chemistry. Has a PhD degree in medicinal chemistry and over a decade of experience in the field. Wide range of experience covering team management and conceptualizing development projects.

**II. Current and Past Positions**

* 2024-present: Vice-Chancellor, Vietnam National University Hochiminh City
* 2021-2024: Vice-President, University of Science, VNU-HCM
* 2022-2025: Principal, High School for the Gifted, VNU-HCM
* 2014-2024: Head of Department of Medicinal Chemistry, University of Science, VNU-HCM
* 2013-2021: Dean of Faculty of Chemistry, University of Science, VNU-HCM
* 2009-2013: Head of Department of Analytical Chemistry, University of Science, VNU-HCM
* 2007-2012: Vice-Dean of Faculty of Chemistry, University of Science, VNU-HCM
* 01/2010-04/2010: Visiting Scientist at Institute of Natural Medicine, University of Toyama, Japan
* 09/2007: Visiting Scientist at Roskild University, Denmark
* 2001-2013: Lecturer, Faculty of Chemistry, University of Science, VNU-HCM

**III. Awards and Honors**

***Award and Fellowship:***

2022: Kovalevskaia Prize 2021 - Outstanding Achievements in Science by an Individual Demale Scientits

2019: Ho Chi Minh City Creative Award, People’s Committee of Ho Chi Minh City

2017: Outstanding Science Publication Award for Medicinal Chemistry Research Group, VNU-HCM

2010:Visiting Scholar at University of Toyama, Japan

**IV. Scientific achievements**

***\** Key research*:***

* Study on xanthine oxidase inhibitory activity of Vietnamese medicinal plants and structure of active compounds for future implementation to drugs for treatment of gout.
* Study on *α*-glucosidase inhibitory activity of Vietnamese medicinal plants and structure of active compounds for future implementation to drugs for treatment of diabetes.
* Study on tyrosinase inhibitory activity of Vietnamese medicinal plants and structure of active compounds for future implementation to products used as cosmetic skin-whitening agents.
* Study on xanthine oxidase inhibitory activity of Vietnamese medicinal plants and structure of active compounds for future implementation to drugs for treatment of Alzheimer’s disease.
* Study on natural anti-inflammatory agents for pain relief to develop products for treatment of arthristis
* Study on urease, *Helicobacter pylori* inhibitory activity of Vietnamese medicinal plants to develop products for treatment of peptic ulcer.

***\* Principle investigator of 14 projects:***

* 10 projects at ministerial-level.
* 04 projects at provincial-level.

***\* Scientific articles:* 160 articles**

* 90 international papers.
* 70 national papers.

***\* Academic books:***

* 01 monograph.
* 01 international academic chapter book.
* 01 textbook.

***\* 07 accepted patents from Department of Intellectual Property.***

***\* Developed 2 dietary supplement products:***

* SOLAJOINT: a natural supplement for anti-athristic prepared from nanopartical of *Solanum procumbens*.
* PINOCARE: a natural supplement for peptic ulcer prepared from the standardized extract of *Boesenbergia pandurata*.

***\* Outstanding research group belong to Medicinal Chemistry Program, VNU-HCM.***

***\* Reviewer for national and international academic journals. Hindex: 22 (follow by Publish or Perish), citation: 1364.***

**V. Achievements in education**

* Has opened 03 new specialized subjects and 06 others at university level, 01 subjects at master level and 01 at PhD level.
* Has supervised 3 PhD students (women) and 35 Master students (½ women).

**VI. Contribution to the development of the university, and ministerial units**

***\* Has opened 9 new undergraduate and postgraduate training programs:***

* “The Master’s degree program in Chemistry” project in 2021;
* “The integrated bachelor’s – master’s programs (BS-MS) in Chemical Engineering Technology” project in 2021;
* “The integrated bachelor’s – master’s programs (BS-MS) in Chemistry” project in 2021;
* “The high-quality undergraduate training program in Chemistry” project in 2019;
* “The postgraduate training program specialized in Teaching Experimental Chemistry" project in 2018;
* “The talented bachelor’s degree program in Chemistry" project in 2013 & 2018;
* “The undergraduate training program in Chemical Engineering Technology” project in 2016;
* “The high-quality undergraduate training program in Chemistry” project in 2016;
* “The undergraduate training program specialized in Medicinal Chemistry" project in 2014.

***\* Has successfully implemented projects to innovate teaching methods according to the CDIO model and the 4.0 educational model of the Faculty of Chemistry.***

***\* Has successfully completed the evaluation of the training program in Chemistry according to AUN-QA standards in 2016.***

***\* Through the projects that I lead, the annual revenue from these programs increases by about 20-25 billion VND/year, contributing to the increase of the school's revenue and the 3-5 times increasing in the income of lecturers of the Faculty compared to that of the year 2013; and also contributing to many modern equipment for training and scientific research.***

***\* Lead the Faculty of Chemistry to become a strong scientific research unit with annually publishing 40-60 prestigious international articles and implementing 40-50 scientific research topics at all levels.***

***\* Lead the Faculty of Chemistry to obtain many gorgeous achievements such as: Certificate of Merit from the Prime Minister (in 2021); Certificate of Merit from the Ministry of Education and Training (2017, 2020); Emulation flag of the Ministry of Education and Training (2020).***

***\* Has coordinated with the Party Committee and the Administrative Board of the University of Science in developing the strategic plan for the period 2015-2020 and 2020-2025.***

**VI. Contribution to the women’s movement at the unit**

- Reviewed, encouraged, implemented the planning of female cadres in management positions at the Faculty and the University.

- Rearranged the research directions, in which there are 09 female staff who are the heads of research groups.

The proportion of female lecturers in the Faculty of Chemistry is 44%. The Faculty's female scientists have actively contributed in training and scientific research activities with the number of scientific publications accounting for about 50% of the publications of the whole Faculty.

- 90% of female staff of the Faculty have won the title of "Good at school, Good at home" at university level and 50% at VNU level every year.

**5. Contribution to charity and humanitarian activities**

* Mobilized contributions to many scholarships for students from alumni and companies worth 200-300 million VND/year.
* Mobilized material and spiritual supports for students facing difficulties during the recent Covid-19 epidemic from alumni with an amount of nearly 500 million VND.
* Mobilized and organized the production of 10,000L of hand sanitizer, equivalent to 100,000 products in 100ml bottles, to provide to the community during the Covid-19 epidemic season.
* Actively supported the victims in the flooded regions and conducted many charity trips.