

Curriculum Vitae Dr. Thanigaimalai Pillaiyar (02.12.2025)

PERSONAL INFORMATION

Name Thanigaimalai **PILLAIYAR**
Nationality Indian
Date of Birth June 02, 1984
Marital status Married, 2 children.
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Present position/affiliation:

Independent Junior Research Group Leader, Institute of Pharmacy,
Pharmaceutical/Medicinal Chemistry and Tübingen Center for
Academic Drug Discovery (TUCAD₂), Eberhard Karls University
Tübingen, Auf der Morgenstelle 8, 72076 Tübingen, Germany
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Key achievements and intersocial

- **Highly international** (India, South Korea, Japan, United Kingdom, Germany)
- **Proven publication track record:** >90 publications in highly reputed international journals and three patents.
- **Project funding for international projects** amounts to around 1.5 million euros.
- **Established collaboration network** with Luxembourg Institute of Health (LIH), University of Liège, Belgium; Helmholtz Centre for Infection Research (HZI), Germany; University of California, San Diego, USA; Chinese Academy of Sciences, China; and Tokyo University of Pharmacy and Life Sciences, Japan.
- **Teaching graduate and postgraduate students** in the MSC program and TUCAD₂ lectureship

Honors and awards (selected):

2024: **Innovation Award** for Medicinal Chemistry by the GDCh Division of Medicinal Chemistry
2023: **W2-Professorship** in Anti-infective Medicinal Chemistry” in the Helmholtz Institute for Pharmaceutical Research Saarland (HIPS) at the Faculty of Natural Sciences and Technology, Saarland University. Finally ranked #2 on the appointment list

- 2020: **A Short-Term Scientific Mission (STSM)** (CA18133-45722) grant was awarded for doing an internship at Prof. Dr. Steven Ley's Laboratory, University of Cambridge
- 2018: **Deutscher Akademischer Austauschdienst (DAAD)**-Travel Grant for the Conference Presentation
- 2013: **Alexander von Humboldt (AvH)-Bayer** award for postdoctoral study from September 2013 to August 2015, Bonn, Germany
- 2013: **German Language Course Award** from the Alexander von Humboldt (AvH) Foundation at Goethe Institute, July 1-August 31, 2013, Bonn, Germany.
- 2011: Bioorganic and Medicinal Chemistry Letters Top 25 Cited Authors 2010–2011
- 2011: **Japan Society for the Promotion of Science (JSPS)** award for postdoctoral study from April 2011–March 2013, Tokyo, Japan
- 2010: **Brain Korea-21 (BK-21) travel grants** for attending conferences in Hawaii (2010).
- 2009: Brain Korea-21 (BK-21) travel grants for attending conferences in Australia (2009)
- 2009: **Young researcher award from Brain Korea-21 (BK-21) Scholarship**, Daejeon, South Korea
- 2009: **Brain Korea-21 (BK-21) scholarship** for graduate study (Ph.D.) from February 2009 to February 2011, Daejeon, South Korea

Education:

- 2011: Ph.D. in Pharmaceutical Chemistry, Chungnam National University, Daejeon, South Korea
- 2006: Master of Science (M.Sc.) in Chemistry, Bharathiar University, Tamil Nadu, India
- 2004: Bachelor of Science (B.Sc.) in Chemistry (Maths, Physics), University of Madras, Tamil Nadu, India

Professional appointments:

- 2020- present: Independent Junior Research Group Leader, TüCAD₂, Eberhard-Karls-University Tübingen, Germany.
- 2020-present: Tübingen Center for Academic Drug Discovery & Development (TüCAD₂) lecture series coordinator
- February 2020: Visiting Scientist, Department of Chemistry, Prof. Steven V. Ley Lab, University of Cambridge, United Kingdom
- 2015 – 2020 Senior scientist, Department of Pharmaceutical & Medicinal Chemistry, Prof. Dr. Christa E. Müller Lab, University of Bonn, Bonn, Germany
- 2013 – 2015: Alexander von Humboldt-Bayer Postdoctoral Fellow, Department of Pharmaceutical & Medicinal Chemistry, Prof. Dr. Christa E. Müller Lab, University of Bonn, Bonn, Germany.
- 2011-2013: Japan Society for the Promotion of Science (JSPS) Postdoctoral Fellow, Tokyo University of Pharmacy and Life Science, Prof. Dr. Yoshio Hayashi Lab, Tokyo, Japan

Industrial research experience:

2006-2007: Research Executive in Orchid Research Laboratories Ltd, Tamil Nadu, India.
2018: Research Scientist at the University of Bonn working on a collaboration project with the Pharmaceutical Industry (European Company)

Memberships:

Deutsche Pharmazeutische Gesellschaft (DPhG)
Gesellschaft Deutscher Chemiker (GDCh)
Academic Drug Discovery Consortium (ad₂c)
International Society for Antiviral Research (ISAR)

Scientific Board Positions:

Biomedicine, Drug Discovery Section Editor

Research:

Medicinal Chemistry/Drug Discovery, Molecular targets: Main protease, Papain-like protease, Cathepsin L for viral infections; Orphan G protein-coupled receptors, CXCR7 (ACKR3) receptor, and protein kinases.

Postgraduate Teaching/Supervision

Two doctoral students graduated under my supervision
Currently supervising three doctoral and one master's students
Completed supervising five master's students
Four ERASMUS master's students were supervised

Publications

https://scholar.google.com/citations?hl=en&user=fWe-t7AAAAAJ&view_op=list_works

5934 Citations, h-index 33

Orcid: <https://orcid.org/0000-0001-5575-8896>

>90 publications in prestigious international journals

More than 50 international conferences and symposiums (oral and poster presentations)

Teaching Experience & Organizing Lectures

Since 2020	Organizing the Tübingen Center for Academic Drug Discovery & Development (TüCAD ₂) lecture series. <i>1 CP</i>
Since 2022	For MSc-Curriculum Pharmaceutical Sciences and Technology (H-2019-7), Chemistry, Biochemistry, Erasmus Students.
WS2022/23: SS2023	Coronavirus Proteases and GPCRs: Small Molecule Drug Discovery and Medicinal Chemistry PHA-PMC4210. <i>Each 5 CP</i>
WS2023/24; SS2024, WS2024/25	Exploiting Protein Kinases as Potential Drug Targets for the Development of Antiviral Therapy PHA-PMC4211, <i>Each 5 CP</i>