

# ANGANA BORAH

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## PERSONAL DETAILS:

**Dated:** 16.08.2021

Gender: Female

Date of birth: 05.01.1993

Nationality: Indian

Present Address: Assam, India

Email-id: [anganaborah.5@gmail.com](mailto:anganaborah.5@gmail.com)

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## EDUCATIONAL QUALIFICATIONS:

**2015-2017: MSc Agriculture and Forestry (Biotechnology),**

**University of Helsinki, Finland**

Overall grade: 4 / 5 (Very Good)

**Master's thesis:** Sub-cellular localization of Dnajc14 protein chaperone in the presence and absence of *Potato virus A (PVA)* infection.

**2014-2015: Visiting Student, Faculty of Agriculture and Forestry, University of Helsinki, Finland**

**2011-2014: Bachelor of Science (Honours) Biotechnology,**

**Amity University Uttar Pradesh, Noida, India**

Overall Grade: 9.45 / 10; (First Class with Distinction & Gold Medal).

**Undergraduate Project:** Molecular characterization of transgenic chickpea expressing *Bt* gene, AAU, India

**Summer training:** Screening antibiotic profile of bacteria isolated from North- Eastern Gene pool of India, CSIR-NEIST, India

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## WORK EXPERIENCE:

**Nov 2020-Present : Freelance Scientific Editor and Writer**

**Feb 2018-March 2020: Project Assistant (Level II),**

Biological Sciences and Technology Division

CSIR-North East Institute of Science and Technology, Jorhat, Assam

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## AWARDS/ACHIEVEMENTS:

**2014: EU Erasmus Mundus Action 2 BRAVE scholarship** for studying full-time Master's Degree at University of Helsinki, Finland.

**2014: Gold medal in Academics** for BSc degree, Amity University, Noida Campus (India).

**2009: Anundoram Borooh Award,** Govt of Assam (India) for HSLC Examination.

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## PUBLICATIONS:

### Research Paper:

1. **Borah, A.**, Paw, M., Gogoi, R., Loring, R., Sarma, N., Munda, S., Pandey, SK., Lal, M. (2019) Chemical composition, antioxidant, anti-inflammatory, anti-microbial and in-vitro cytotoxic efficacy of essential oil of *Curcuma caesia* Roxb. leaves: An endangered medicinal plant of North East India. *Industrial Crops & Products*. 129 448–454.
2. **Borah, A.**, Kumar, D., Paw, M., Begum, T., and Lal, M. (2020) A review on ethnobotany and promising pharmacological aspects of an endangered medicinal plant, *Curcuma caesia* Roxb. *Turkish Journal of Botany*. 44: 205-213.
3. Paw, M., **Borah, A.**, Pandey, S.K. *et al.* Simple sequence repeat marker based genetic diversity assessment amongst high essential oil yielding lines of *Curcuma caesia* Roxb.. *Genet Resour Crop Evol* (2020). <https://doi.org/10.1007/s10722-020-01066-4>.
4. Paw, M., Munda, S., **Borah, A.**, Pandey, S.K. and Lal, M (2020). Estimation of variability, genetic divergence, correlation studies of *Curcuma caesia* Roxb. *Journal of Applied Research on Medicinal and Aromatic Plants*. 17: 100251.
5. **Borah, A.**, Pandey, SK., Halder, S., Lal, M. Chemical Composition of Leaf Essential Oil of *Psidium guajava* L. from North East India, *Journal of Essential Oil Bearing Plants*. (2019) 22:1, 248-253.
6. Lal, M., **Borah, A.**, Pandey, S.K. Identification of a new high essential oil yielding variety “Jor Lab AC-1” of *Acorus calamus* L. *Journal of Essential Oil Bearing Plants*. (2019) 22:3, 695-703.
7. Lal, M., **Borah, A.**, Pandey, S.K. Identification of a new high geraniol rich variety “Jor Lab L-15” of Lemongrass [*Cymbopogon khasianus* (Hack) Stapf (ex Bor)], *Journal of Essential Oil Bearing Plants*. (2019) 22:4, 972-978.
8. Begum, T., Pandey, SK., **Borah, A.**, Paw, M., Lal, M. Essential Oil Composition of Different Accessions of Ginger Collected from Northeast Region of India, *Journal of Essential Oil Bearing Plants*, (2018) 21:6, 1475-1486.

### Book chapter:

1. **Angana Borah** and Mohan Lal. Chapter 8: Medicinal Values and Health Benefits of Dalchini (*Cinnamomum zeylanicum*) essential oil. *Phytochemicals: Sources and Bioactivities*. (2019) Studium Press (India) Pvt. Ltd. ISBN 13: 978-93-85046-43-8.

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## VOLUNTARY WORK:

**2018-Present:** Reviewer, Taylor & Francis Group

**2016:** Tutor for International Exchange Students at University of Helsinki, Finland.

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## **ORGANIZATIONS:**

- Erasmus Mundus Association (Member)
- CONNECTED Virus Network (Member)

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## **CERTIFICATIONS:**

- 2021, Aug:** Writing and Editing: Structure and Organization, University of Michigan (Coursera).
- 2021, July:** Writing and Editing: Word Choice and Word Order, University of Michigan (Coursera).
- 2021, June:** Basics of Extracellular Vesicles, University of California, Irvin (Coursera).
- 2021, May:** Algae Biotechnology, University of California, San Diego (Coursera).
- 2020, Oct:** Industrial Biotechnology, University of Manchester (Coursera).
- 2020, Sept:** Plant Bioinformatics, University of Toronto (Coursera).
- 2020, Aug:** Bioinformatics Methods II, University of Toronto (Coursera).
- 2020, June:** Bioinformatics Methods I, University of Toronto (Coursera).
- 2020, June:** Writing in the Sciences, Stanford Online (Coursera).
- 2017:** DL101PCT Introduction to the Patent Cooperation Treaty; World Intellectual Property Organization.

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## **PERSONAL SKILLS:**

Good communication skills, proper interpersonal skills, excellent analytical skills, ability to work in team or individually efficiently in international platform, open-minded, adaptable to new environment, willingness to learn new things and hardworking.

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