TRAN [NGOC] VINH

PhD Bioinformatics

CONTACT

🏠 Frankfurt, Germany

✉ trvinh@gmail.com

📞 +49 151 5628 0251

 github.com/trvinh

LANGUAGES

English

German

Vietnamese

SKILLS

📊 R

</> Python / Perl / Shell

Git

SQL

Web / Shiny

Wetlab

WORK EXPERIENCE

- Developing algorithm for *in silico* prediction of protein annotations based on feature-aware orthologous relationship | Since 2018
- Leading project *PhyloProfile* to create a intuitive platform for exploring complex phylogenetic profiles | 2017 - 2019
- Contributing to open source projects *rOpenSci* and *Bioconductor* as R package developer | 2017 & 2019
- Establishing automatic genetic DNA tests for *Genomes.io* company | 2019
- Successful supvervison and teaching BSc and MSc students

EDUCATION

2007 Bachelor of Biotechnology
University of Science, HCMC Vietnam
Epitope prediction for vacine design

2013 Master of Bioinformatics and Genome Research
Bielefeld University, Germany
Genome annotation and metabolic pathway reconstruction

2018 PhD of Bioinformatics
Goethe University Frankfurt, Germany
Phylogenetic analysis and protein function annotation

PUBLICATIONS

Tran, N. V., Greshake Tzovaras, B., Ebersberger, I. (2018). PhyloProfile: Dynamic visualization and exploration of multi-layered phylogenetic profiles. *Bioinformatics*. doi: 10.1093/bioinformatics/bty225.

Moretti, A. I. S. , Pavanelli, J. C. , Nolasco, P. , Leisegang, M. S., Tanaka, L. Y., Fernandes, C. G., Jr, J. W., Kajihara, D., Dias, M. H., Fernandes, D. C., Jo, H., **Tran, N. V.**, Ebersberger, I., Brandes, R. P., Bonatto, D., Laurindo, F. R. M. (2017). Conserved gene microsynteny unveils functional interaction between protein disulfide isomerase and Rho guanine-dissociation inhibitor families. *Scientific Reports, 7*(1). doi: 10.1038/s41598-017-16947-5.

Tran, N. V., Vo, C. Q., Tran L. T. (2009). Discontinuous B-cell epitope prediction of matrix protein of H5N1 virus. *Science & Technology Development Magazine*, HCMC, Vietnam, 12:31-38.

CONFERENCES

2017 SBME|Austin, US
Poster
BOSC|Prague, CZ
Poster

2018 GCB|Vienna, AT
Presentation

2019 SMBE|Manchester, UK
Poster

TRAININGS

- Open Leadership Training | Mozilla | 2018
- Industrial Skill Training Workshop | Bayer CropScience NV. | 2014