

PERSONAL DATA

Name: Hussam H. Nour-Eldin, Danish nationality, born 23.05.1977 in Copenhagen
Work Address: DynaMo Center, Section of Molecular Plant Biology, Dept. Plant and Environm. Sciences, University of Copenhagen, Thorvaldsensvej 40, 1871 Frederiksberg, E-mail huha@plen.ku.dk

EDUCATION AND PROFESSIONAL QUALIFICATIONS

2012 – present Associate Professor, DynaMo Center, Copenhagen University
2010 – 2012 Postdoc, Biology Sciences, University of California San Diego, USA
2008 – 2010 Postdoc, Faculty of Life Sciences, Copenhagen University
2007 (2nd Nov) PhD at Copenhagen University, Identification of Glucosinolate Transporters

PUBLICATIONS

In total, 49 publications in int. peer-reviewed scientific journals, First author in 8 publications including first author in Nature and Nature Biotechnology. 3 patents. Google Scholar H-score: 23 with a total of 2775 (Dec. 2022)

GRANTS

2022 Novo Nordisk Foundation Exploratory Interdisciplinary Synergy programme, DKK 5 mil.
2022 Carlsberg infrastructure grant, DKK 300.000
2020 HFSP consortium renewal - Hormone delivery in plants, team of 4 investigators, DKK 9.1 mil.
2019 Novochallenge - Novocrops: Accelerated domestication of resilient climate-change friendly plant species – partner - DKK 6 mil
2019 Marie Skłodowska-Curie Actions –Unleashing the potential of narrow leaf lupin as locally grown protein crop DKK 2.2mil
2018 Novo Nordisk Foundation – Breaking the yield barrier to enable cost-efficient cultivation of microalgae, DKK 2,8 mil.
2012-2022 Partner in DynaMo Center of Excellence, Danish National Research Foundation. DKK 80 mil.
2015 HFSP Co-ordinator team of three young investigators, each 2,3 mil DKK
2015 Innovation Fund Denmark, project leader 3,8 mil DKK
2015 Carlsberg Foundation 1,2 mil DKK (Flow cytometer–1 of 4 applicants)
2008 Danish Council for Independent Research, FTP - Post Doc 2,8 mil DKK,
2007 Novo Nordisk Fonden 263.630 DKK (electrophysiology instrumentation)

LEADERSHIP, PROJECT MANAGEMENT and TEACHING SKILLS

-Pasteur Program “Leading the Virtual Company” offered by Harvard Business School together with the Innovation Fund Denmark.
-Higher Education Teaching and Teaching Practice Program for Assistant Professors, University of Copenhagen.

AWARDS

2013 – 2018 Member of the Young Academy at the Royal Danish Academy of Sciences and Letters.
2013 Member of Royal Danish Academy of Sciences and Letters, Young Academy
2013 Awarded Innovation Award, Copenhagen University
2012 Awarded Best Danish Research Result of the Year by videnskab.dk

SELECTED CONTRIBUTIONS TO INTERNATIONAL CONFERENCES

2019 Invited lecturer on transporter and specialized metabolites at:
Technische Universität München (TUM) Munich – Germany,
Fondazione Edmund Mach (FEM) Trento – Italy,
Pohang University of Science & Technology, Pohang South – Korea.
2018 Keynote speaker at:
4th Glucosinolate conference, Berlin.
Invited at 2nd Int. conference in bioinformatics, simulations and modelling, Talca, Chile.
2017 Keynote speaker at:
Plant biology Europe, Copenhagen
Annual Plant Biotechnology Meeting, Copenhagen
2016 Keynote speaker at:
22nd Int. Conference on Plant Growth Substances, Toronto, Canada
2013 Selected speaker at the 1st PLEN annual research day, Frederiksberg, Denmark.
2013 Selected speaker at the 16th International Workshop on Plant Membrane Biology, Kurashiki, Japan.
2013 Invited speaker at Plantekongres, Herning, Denmark.
2010 Selected speaker at the 15th International Workshop on Plant Membrane Biology, Adelaide, Australia.

KEY COLLABORATORS

Industry:

Crop improvement: Bayer CropScience, BASF
Synthetic Biology: Evolva, River Stone Bio, Octarine Bio,
Food Ingredients: Christian Hansen

Academia:

Transporter structure/function: Prof. Dietmar Geiger - (Wurzburg, Germany); Prof. Ingo Dreyer - (Talca, Chile)

Hormone transport: Dr. Eilon Shani – (Tel Aviv, Israel); Patrick Achard – (IBMP, Strasbourg, France)

Transport of plant specialized metabolites: Prof Sarah O'Connor – (Max Planck, Jena, Germany); Prof. Cathie Martin –JIC, UK; Prof. Asaph Aharoni – (Weizmann, Israel); Dr. Stefan Martens – (FEM, Italy)

Transport engineering microalgae: Prof. Stephen Mayfield - (San Diego, USA), Dr. Volodymyr Radchuk – (IPK, Gatersleben, Germany)

OUTREACH ACTIVITIES

Science articles to newspapers in Denmark (Kristeligt Dagblad, Agriwatch, Momentum).

Lecturing for more than 60 visiting high school classes on GMO – why/why not?.

Lecturer at popular science seminar "Vin og Videnskab (Wine and Science)

Lecturer at Big Bang science festival (podcast due to covid).