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Personal Information

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Education Information

Doctorate, Wageningen Universiteit, Netherlands 2002 - 2008

Postgraduate, Wageningen Universiteit, Netherlands 2000 - 2002

Undergraduate, SK University of Agricultural Sciences and Technology Kashmir, Faculty of Agriculture Wadura, India
1995 - 1999

Foreign Languages

German, A2 Elementary

English, C2 Mastery

Hindi, C2 Mastery

Dissertations

Doctorate, Morphological transitions and genetic basis of extraembryonic tissues in flies, Wageningen Universiteit, 2008

Postgraduate, Making use of achievements of Arabidopsis genomics to analyze meristem organization of root nodule in legumes, Wageningen Universiteit, 2002

Research Areas

Life Sciences, Bioinformatics, Biodiversity, Biological Databases, Environmental Biology, Microbial Diversity, Animal Biology, Animal Anatomy and Morphology, Animal Development and Maturation, Molecular Biology and Genetics

Academic Titles / Tasks

Assistant Professor, Bezmialem Vakıf University, Life Sciences And Biotechnology Institute, Department Of Molecular Biology, 2017 - Continues

Expert PhD, McGill University, 2011 - 2016

Research Assistant PhD, The University of Chicago, 2010 - 2011

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Origin and elaboration of a major evolutionary transition in individuality.**

Rafiqi A. M. , Rajakumar A., Abouheif E.

Nature, vol.585, pp.239-244, 2020 (Journal Indexed in SCI Expanded)

- II. **Sex combs find middle ground in evolution debate**
Abouheif E., Rafiqi A. M.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.111, no.39, pp.14011-14012, 2014 (Journal Indexed in SCI)
- III. **Eco-Evo-Devo: The Time Has Come**
Abouheif E., Fave M., Ibarraran-Viniegra A. S., Lesoway M. P., Rafiqi A. M., Rajakumar R.
ECOLOGICAL GENOMICS: ECOLOGY AND THE EVOLUTION OF GENES AND GENOMES, vol.781, pp.107-125, 2014 (Journal Indexed in SCI)
- IV. **Role of Osmotin in Strawberry Improvement**
Husaini A. M., Rafiqi A. M.
PLANT MOLECULAR BIOLOGY REPORTER, vol.30, no.5, pp.1055-1064, 2012 (Journal Indexed in SCI)
- V. **BMP-dependent serosa and amnion specification in the scuttle fly *Megaselia abdita***
Rafiqi A. M., Park C., Kwan C. W., Lemke S., Schmidt-Ott U.
DEVELOPMENT, vol.139, no.18, pp.3373-3382, 2012 (Journal Indexed in SCI)
- VI. **Postgastrular zen expression is required to develop distinct amniotic and serosal epithelia in the scuttle fly *Megaselia***
Rafiqi A. M., Lemke S., Schmidt-Ott U.
DEVELOPMENTAL BIOLOGY, vol.341, no.1, pp.282-290, 2010 (Journal Indexed in SCI)
- VII. **Hox3/zen and the Evolution of Extraembryonic Epithelia in Insects**
Schmidt-Ott U., Rafiqi A. M., Lemke S.
HOX GENES: STUDIES FROM THE 20TH TO THE 21ST CENTURY, vol.689, pp.133-144, 2010 (Journal Indexed in SCI)
- VIII. **Extremely small genomes in two unrelated dipteran insects with shared early developmental traits**
Schmidt-Ott U., Rafiqi A. M., Sander K., Johnston J. S.
DEVELOPMENT GENES AND EVOLUTION, vol.219, no.4, pp.207-210, 2009 (Journal Indexed in SCI)
- IX. **bicoid occurrence and Bicoid-dependent hunchback regulation in lower cyclorrhaphan flies**
Lemke S., Stauber M., Shaw P. J., Rafiqi A. M., Prell A., Schmidt-Ott U.
EVOLUTION & DEVELOPMENT, vol.10, no.4, pp.413-420, 2008 (Journal Indexed in SCI)
- X. **Evolutionary origin of the amnioserosa in cyclorrhaphan flies correlates with spatial and temporal expression changes of zen**
Rafiqi A. M., Lemke S., Ferguson S., Stauber M., Schmidt-Ott U.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.105, no.1, pp.234-239, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The scuttle fly *Megaselia abdita* (Phoridae): a link between *Drosophila* and Mosquito development.**
Rafiqi A. M., Lemke S., Schmidt-Ott U.
Cold Spring Harbor protocols, vol.2011, 2011 (Refereed Journals of Other Institutions)
- II. ***Megaselia abdita*: fixing and devitellinizing embryos.**
Rafiqi A. M., Lemke S., Schmidt-Ott U.
Cold Spring Harbor protocols, vol.2011, 2011 (Refereed Journals of Other Institutions)
- III. ***Megaselia abdita*: preparing embryos for injection.**
Rafiqi A. M., Lemke S., Schmidt-Ott U.
Cold Spring Harbor protocols, vol.2011, 2011 (Refereed Journals of Other Institutions)
- IV. ***Megaselia abdita*: culturing and egg collection.**
Rafiqi A. M., Lemke S., Schmidt-Ott U.
Cold Spring Harbor protocols, vol.2011, 2011 (Refereed Journals of Other Institutions)
- V. ***Megaselia abdita*: cuticle preparation from injected embryos.**

Rafiqi A. M. , Lemke S., Schmidt-Ott U.

Cold Spring Harbor protocols, vol.2011, 2011 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. Anterior patterning in the lower cyclorrhaphan flies *Megaselia* and *Episyrphus*.

Lemke S., Rafiqi A. M. , Ferguson S., Schmidt-Ott U.

64th Annual Meeting of the Society-for-Development-Biology, San-Francisco, Costa Rica, 27 July - 01 August 2005, vol.283, pp.653

Supported Projects

Rafiqi A. M. , TUBITAK Project, The developmental genetics of obligate endosymbiosis and its effect on the evolution of insects, 2021 - 2024

Rafiqi A. M. , Polo P. G. , Project Supported by Higher Education Institutions, Characterization of fungal endosymbionts of bumble bees (*Bombus*) and their relation with pathogens., 2020 - 2021

Rafiqi A. M. , Polo P. G. , Project Supported by Higher Education Institutions, Experimental studies on the effect of antibiotics on the early development of Cicadellidae, 2019 - 2021

Rafiqi A. M. , Project Supported by Higher Education Institutions, Identification of gut microbiome of individuals who live in Turkey, pilot study, 2018 - 2021

Rafiqi A. M. , Project Supported by Higher Education Institutions, Establishment of insect colonies for the study of obligate endosymbiosis in insects, 2018 - 2020

Memberships / Tasks in Scientific Organizations

Ecology and Evolutionary Biology Society of Turkey, Member, 2018 - Continues, Turkey

Society for the Study of Evolution, Member, 2016 - Continues, United States Of America

Scientific Refereeing

JOURNAL OF EXPERIMENTAL ZOOLOGY PART B-MOLECULAR AND DEVELOPMENTAL EVOLUTION, SCI Journal, August 2021

JOURNAL OF EXPERIMENTAL ZOOLOGY PART B-MOLECULAR AND DEVELOPMENTAL EVOLUTION, SCI Journal, January 2021

JOURNAL OF EXPERIMENTAL ZOOLOGY PART B-MOLECULAR AND DEVELOPMENTAL EVOLUTION, SCI Journal, January 2020

JOURNAL OF EXPERIMENTAL ZOOLOGY PART B-MOLECULAR AND DEVELOPMENTAL EVOLUTION, SCI Journal, October 2017

Citations

Total Citations (WOS):230

h-index (WOS):8

Invited Talks

IV San Sebastian/Bordeaux Workshop on Philosophy of Biology, Medicine, and Cognitive Science: The causality of development , Workshop, The University of the Basque Country, Spain, May 2018

Scholarships

University Fellowships program, Other International Organizations, 2000 - 2002

Awards

Rafiqi A. M. , Ramalingaswamy Fellowship, Ministry Of Science And Technology, November 2017