

## **CURRICULUM VITAE**

**Agnieszka Marasek-Ciolakowska**

### **Education**

- 1994-06-30 – M.Sc., Degree in Physiology, Faculty of Biology and Earth Sciences, Department of Cytology and Cytochemistry of the Institute of Plant Physiology, Cytochemistry and Cytogenetics, University of Łódź, Łódź, Poland, dissertation title "The influence of chromium on the number of nuclei, mitotic activity, and length of the cells in *Cladophora* sp"
- 2002-12-04 – Ph.D., Degree in Natural Sciences, Research Institute of Pomology and Floriculture in Skierniewice, Poland, dissertation title "Assessment of the status of distant hybrids of *Lilium* based on chromosomal and molecular markers"
- 2014-12-19 – postdoctoral dissertation, Degree in Agriculture, specialization Horticulture, The Research Institute of Horticulture in Skierniewice, Poland, dissertation title "Breeding and molecular cytogenetic studies of the genome of Darwin hybrid tulips".

### **Training**

- 1999 – Course: The molecular techniques, Marmara Research Centre, Gebze, Kacaeli, Turkey (International Center for Engineering and Biotechnology founded project)
- 2001 – Training: Genomic in situ hybridization, Institute of Plant Genetics, Polish Academy of Sciences, Poznan, Poland
- 2003 – Course: The techniques of molecular cytogenetics, University of Silesia, Department of Plant Anatomy and Cytology, Katowice, Poland
- 2003 – Course: AFLP - analysis of the results. INRA (Institut National de la Recherche Agronomique) Bourdeaux, Francja (in the frame of international collaboration Polonium)

### **Positions held and Academic Status**

- Since 2018-11-01 Associate Professor of The Research Institute of Horticulture, Department of Applied Biology, Skierniewice, Poland
- 2015-2016 – Research Assistant as a postdoc, Plant Breeding, Wageningen University and Research Centre, the Netherlands
- 2007-2011 – Research Assistant as a postdoc, Plant Breeding, Wageningen University and Research Centre, the Netherlands
- 2005-2007 – Research Assistant as a postdoc, Niigata University, Faculty of Agriculture, Lab. of Plant Breeding, Japan
- 2004 – Research Assistant as a postdoc, IBS University of Wales, Aberystwyth, Great Britain – (6 months)
- Since 1994 – research worker in Research Institute of Pomology and Floriculture (currently The Research Institute of Horticulture), Skierniewice, Poland.

### **Awards**

- 2003 - Award of the Director of Research Institute of Pomology and Floriculture in Skierniewice for PhD thesis
- 2004 - National Scientific Award in plant genetics named after Professor Stefan Barbacki granted by The Scientific Council of the Institute of Plant Genetics, Polish Academy of Sciences in Poznań
- 2005 - Postdoctoral Fellowship for Foreign Researchers, Japan Society for the Promotion of Science (JSPS), Nigatta, Japan

### **Research projects**

- 1/ Project title:** Improving the stability of high-quality traits of berry in different environments and cultivation systems for the benefit of European farmers and consumers
- Nature of contribution in the project: co-investigator
- Country: POLAND
- Places of project implementation: The Research Institute of Horticulture, Skierniewice, Poland
- Project ID: GoodBerry 679303

Principal investigator: Masny Agnieszka

Project duration (years): 2016-2020

**2/ Project title:** Anatomical and cytological studies in the breeding and protection of horticultural plants as well as fruit and vegetable storage.

Nature of contribution in the project: co-investigator

Country: POLAND

Places of project implementation: The Research Institute of Horticulture, Skieniewice , Poland

Project ID: 11.1.2

Principal investigator: Marasek-Ciolakowska Agnieszka

Project duration (years): 2016-2020

**3/ Project title:** Anatomical and cytological studies in the breeding and protection of horticultural plants as well as fruit and vegetable storage.

Country: POLAND

Nature of contribution in the project: co-investigator

Places of project implementation: The Research Institute of Horticulture, Skieniewice , Poland

Project ID: PB 67

Principal investigator: Kamiński Piotr

Project duration (years): 2016-2020

**4/ Project title:** Geurende bloemblaadjes en gezonde rozenbottels als basis voor smaakvolle salades heerlijke fruit-delicatessen en nieuwe kansen in de rozen-keten

Nature of contribution in the project: co-investigator

Country: The Netherlands

Places of project implementation: UR Plant Breeding, Wageningen University and Research Center, Wageningen

Project ID: MITTU14317

Principal investigator: Arens Paul

Project duration (years): 2015-2016

**5/ Project title:** Application of GISH-techniques in breeding research of virus resistant forcing tulips

Nature of contribution in the project: co-investigator

Country: The Netherlands

Places of project implementation: Wageningen UR Plant Breeding, Wageningen University and Research Center, Wageningen

Project ID: 3360127501

Principal investigator: Tuyl Jaap

Project duration (years): 2008-2011

**6/ Project title:** Marker assisted breeding for nematode resistance in *Hypericum*

Nature of contribution in the project: co-investigator

Country: The Netherlands

Places of project implementation: UR Plant Breeding, Wageningen University and Research Center, Wageningen

Project ID: TTI Green genetics 3360126000

Principal investigator: Tuyl Jaap

Project duration (years): 2009-2011

**7/ Project title:** Introgression breeding in large genomes: marker verification and allele mining of virus resistance in tulip

Nature of contribution in the project: co-investigator

Country: The Netherlands

Places of project implementation:

Project ID: TTI Green genetics 3360140400

Principal investigator: Tuyl Jaap

Project duration (years): 2009-2011

**8/ Project title:** Cytogenetics and GISH of *Elatior Begonias*

Nature of contribution in the project: co-investigator

Country: The Netherlands

Places of project implementation: Wageningen University and Research Center, Wageningen,  
Project ID: 3360100102

Principal investigator: Tuyl Jaap

Project duration (years): 2007-2008

**9/ Project title:** Phylogenic study and hybrid identification in *Tulipa* based on analysis of chromosome and polymorphic DNA sequence

Nature of contribution in the project: co-investigator

Country: Japan

Places of project implementation: Niigata University, Faculty of Agriculture, Niigata

Project ID: P 05186

Principal investigator: Okazaki Keichii

Project duration (years): 2005-2007

**10/ Project title:** Development of methods of quality control (genetic stability, health and physiological status) of plants propagated *in vitro* - tulip, narcissus and daylily

Nature of contribution in the project: co-investigator

Country: POLAND

Places of project implementation: Institute of Pomology and Floriculture, Skieniewice, Poland

Project ID: K 074/P04/2003

Principal investigator: Podwyszyńska Małgorzata

Project duration (years): 2003-2007

**11/ Project title:** The verification of the status of distant hybrids of *Ribes* and *Lilium* using chromosomal and molecular markers

Nature of contribution in the project: co-investigator

Country: POLAND

Places of project implementation: Institute of Pomology and Floriculture, Skieniewice, Poland

Project ID: KBN 0756/PO6/98/14

Principal investigator: Orlikowska Teresa

Project duration (years): 1998-2000

**Research interests:**

- Cytogenetic
- Ornamental plants
- A molecular cytogenetic study of genome of *Lilium*, *Begonia*, *Tulipa*
- Anatomical and cytological studies in the breeding and protection of horticultural plants