

**PUBLIC SELECTION FOR ONE FULL PROFESSOR PURSUANT TO ART. 18, SUBSECTION 1, OF ITALIAN LAW 240/2010 IN THE ACADEMIC RECRUITMENT FIELD “AGRICULTURAL CHEMISTRY, AGRICULTURAL GENETICS AND PEDOLOGY” (07/E1 CHIMICA AGRARIA, GENETICA AGRARIA E PEDOLOGIA) – ACADEMIC DISCIPLINE “AGRICULTURAL GENETICS” (AGR/07 GENETICA AGRARIA) AT THE ACADEMIC FACULTY OF EXPERIMENTAL AND APPLIED SCIENCES - PLANT SCIENCES RESEARCH CENTER, ISSUED BY RECTOR’S DECREE NO. 557 OF AUGUST, 1, 2023, PUBLISHED ON THE SITE OF THE MINISTRY OF EDUCATION, UNIVERSITY AND RESEARCH ON AUGUST, 1, 2023, NOTICE OF WHICH WAS PUBLISHED IN THE GAZZETTA UFFICIALE - 4° SERIE SPECIALE “CONCORSI ED ESAMI” NO. 60 DATED 08/08/2023.**

### **MINUTES OF THE PRELIMINARY MEETING**

The Committee for the selection of one full professor in the Academic Recruitment Field “Agricultural chemistry, Agricultural genetics and pedology” (07/E1) - Academic Discipline AGR/07 “Agricultural genetics” at the Academic Faculty of Experimental and Applied Sciences – Plant Sciences Research Center at the Sant’Anna School, nominated by Rector’s decree No. 655 dated 02/10/2023 consists of:

- Prof. Gianni Barcaccia, Full Professor of the Academic Recruitment Field 07/E1 “Agricultural Chemistry, Agricultural Genetics and Pedology” at the University of Padova;
- Prof. Amalia Barone, Full Professor of the Academic Recruitment Field 07/E1 “Agricultural Chemistry, Agricultural Genetics and Pedology” at the University of Napoli Federico II;
- Prof. Hermann Bürstmayr, Full Professor at the Universität für Bodenkultur (Boku), Wien, Austria;
- Prof. Andrea Cavallini, Full Professor of the Academic Recruitment Field 07/E1 “Agricultural Chemistry, Agricultural Genetics and Pedology” at the University of Pisa, designated expert by the Plant Sciences Research Center;
- Prof. Bettina Haussmann, Adjunct Professor at the Hohenheim University, Stuttgart, Germany;

convened for the first time, via teleconference, on November 3, 2023, at 9:00 a.m. from the following locations:

Prof. Barcaccia located in Padova, connected via: Microsoft Teams.

Prof. Barone located in Napoli, connected via: Microsoft Teams.

Prof. Bürstmayr located in Wien, connected via: Microsoft Teams.

Prof. Cavallini located in Pisa, connected via: Microsoft Teams.

Prof. Haussmann located in Stuttgart, connected via: Microsoft Teams.

The draft of the minutes that follows, was agreed on and approved by members of the Committee. Prof. Barone was nominated as President and Prof. Cavallini as Secretary.

Pursuant to art. 5 paragraph 2 of Legislative Decree no. 1172/1948, each member declared that they had no kinship or affinity up to the fourth grade with any of the other members and that there were no reasons for abstention in relation to art. 51 of c.p.c.

The Committee then reviewed the call (published on the School website [https://www.santannapisa.it/it/selezioni/selezione-pubblica-una-posizione-di-professoreessa-di-  
prima-fascia-plant-sciences](https://www.santannapisa.it/it/selezioni/selezione-pubblica-una-posizione-di-professoreessa-di-prima-fascia-plant-sciences) as well as Regulations of the School that regard calls for level 1 and

level 2 professors  
[https://www.santannapisa.it/sites/default/files/regolamento\\_chiamate\\_01102021.pdf](https://www.santannapisa.it/sites/default/files/regolamento_chiamate_01102021.pdf), and carried a motion that the committee's work should terminate by February, 2, 2024. The Committee ascertained that Personnel Office communicated that four applications have been received and all are admitted to the selection.

The Committee agreed, based on the call and the regulations for the call for professors, that they should assess the scientific publications, curriculum and teaching activities of the applicants on the basis of criteria established during the course of the present meeting, making reference to the criteria for the academic and scientific profiles required for access to the teaching staff of the School, as outlined in art. 1 of the call<sup>1</sup> and with respect to the following general criteria:

- The scientific profile of the candidate with reference to the best national and international standards, and in particular as regards scientific production;
- Organization, management and coordination of research groups and participation in national and international research projects;
- Scientific collaboration with other universities, and with public and private organizations both in Italy and abroad;
- Previous didactic activity including teaching in and coordinating training programs of high-quality research at universities and colleges, with particular attention to experience abroad or in international contexts;

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<sup>1</sup>For access to the School's teaching staff, in addition to the requirements required by art. 2 of the call, the candidates must meet the further following teaching and research qualification criteria, specifically requested by Sant'Anna School:

**Research Activity skills:** candidates must hold an outstanding ranking in their discipline in terms of quantity and quality of scientific publications; bibliometric criteria may be used if relevant to the scientific area.

**Candidates must submit a document containing a self-assessment of their scientific productions** in the international context. In this document they must explain their strength by comparison with the best-known colleagues' production and highlighting their relationships and their scientific reputation in the international research networks.

**Teaching Activity skills:** Teaching activity in post-graduate courses, particularly in PhD programs, is requested.

**Participation in research projects:** candidates are required to have been involved in research projects funded through competitive calls e.g. European ERC grants, "Framework Programs" (eg, Networks of Excellence, FET, Integrated Projects, STReP, etc) Marie Curie actions, as well as national funding agencies. Ability in fundraising is welcome.

**Publishing activity:** the roles of editor and associate editor of scientific journals, editor of book series and other publishing activities or leadership roles in scientific associations held by the candidates will be considered for the purpose of the selections.

- The design and management of new training products, and results achieved;
- Ownership of patents.

In particular, the criteria established by the Committee for recruitment are the following:

1. For the assessment of teaching activity, supplementary teaching and service to students, the Commission will take account of:

- a) number of courses and modules taught and continuity of teaching activities, especially in the context of PhD courses;
- b) results of official feedback from students on the modules and courses taught;
- c) coordination of teaching and/or training activities, and participation in committees on student progress/direction, with special reference to PhD students;
- d) quantity and quality of seminars, regarding both tutorials and mentoring of students, including activities relating to the preparation of theses for Master's degree and PhD.

These aspects will be considered in relation to the academic age of the candidate (i.e., from the year of the first documented academic teaching activity related to agricultural genetics).

Considering the importance and prominence, for the specific professorship covered by this call, of teaching skills at university level, the Committee agrees to invite candidates to hold an academic lesson dedicated to Master Degree students open to all teaching and research staff of the School. The candidate will hold a frontal class lasting a maximum of 45 minutes. During the third meeting, the Committee will propose three topics for each candidate within the field of Agricultural Genetics; the three topics will be sent by the Sant'Anna School to the candidates 24 hours in advance; the day of the academic lesson, each candidate will choose the topic on which to hold the frontal class. At the end of the lessons, the Committee will evaluate each candidate's performance based on the quality and clarity of the presentation, the correctness of its contents and the completeness of the discussion, the overall competence and mastery of the topic shown by the candidate.

2. For the assessment of the scientific research, the Committee will take account of: a) organisation, leadership and coordination in national and international research groups or participation therein; b) participation as a speaker in national and international conferences; c) national and international awards for research activities; d) any ownership of patents; these aspects will be considered in relation to the academic age of the candidate (i.e., from the year of the first Scopus indexed publication).

The Committee will also make use of bibliometric indicators, with reference to the start date of the assessment: a) number of publications; b) total number of citations; c) Hirsch index or similar; each indicator will be considered in relation to the academic age of the candidate (i.e., from the year of the first Scopus indexed publication). Moreover, the Commission will pay particular

attention to the research projects funded and scientific articles published by each of the candidates in the last ten years to check analytically the quality and continuity of their scientific production, including their individual contribution, along with their ability of fund raising.

The Committee also will consider candidates' organization and management roles and positions covered especially at academic level.

The overall consistency of the scientific production of the researcher shall be assessed, the intensity and the temporal continuity of such production, except for periods of involuntary removal from the research with particular reference to parental functions - such periods should be adequately documented.

3. Publications will be assessed along with texts accepted for publication in accordance with regulations as well as the essays included in collective works and articles published in journals in paper or digital format, except for internal notes or departmental reports.

The evaluation of scientific publications presented by each candidate will be carried out on the basis of the following additional criteria:

- a) originality, innovation, methodological rigor and relevance of each publication;
- b) coherence of each publication with the specific profile of a university full professor in Agricultural Genetics and with related interdisciplinary subjects;
- c) scientific relevance of each journal / publisher and its impact factor within the scientific community;
- d) analytical determination of the relevance of the individual contribution of the researcher in the case of works carried out in partnership, based especially on the position in the authors list, considering as relevant the first and the last position; the contribution of the candidate will also be estimated in the publications written in collaboration with members of the committee;

The criteria established by the Committee will be published on the School's website.

Once the assessments have been completed, the Committee through a resolution passed by a majority of the members, identifies the most qualified candidate to fill the post. In the event of an equal number of votes, the President shall cast the deciding vote.

The Committee decides to reconvene on November 10th, 2023, at 12:00 a.m. in order to review the list of candidates which will be sent by the Personnel Office after the publication of these minutes on the website.

At the end of the meeting, the Secretary will sign the minutes and will send them to the Personnel Office who will then make public the criteria and procedures for the assessment of publications and qualifications.

The attached declarations of the Committee's members will be sent to the Personnel Office too.

The meeting was adjourned at 10:15 a.m.

Read, approved and signed,

THE COMMITTEE

Prof. Amalia Barone

Prof. Gianni Barcaccia

Prof. Hermann Bürstmayr

Prof. Andrea Cavallini\*

Prof. Bettina Hausmann

\*IT document digitally signed pursuant to Legislative Decree 82/2005 and related standards, which replaces the paper document and the handwritten signature.