

eRaDicate – EURAXESS template

Job Information

Organisation/Company

University of Wrocław

Department

Faculty of Biotechnology

Research Field

Medical Sciences, Cancer research

Researcher Profile

First Stage Researcher (R1)

Country

Poland

Application Deadline

31 March 2026 - 23:59 (Europe/Paris)

Type of Contract

Temporary

Job Status

Full-time

Offer Starting Date

1 June 2026

Is the job funded through the EU Research Framework Programme?

HE / MSCA

Reference Number

eRaDicate-DC-UWr1

Marie Curie Grant Agreement Number

101119427

Is the Job related to staff position within a Research Infrastructure?

No

Offer Description

eRaDicate - Innovative ligands for nuclear receptors to eradicate cancer relapse.

The Marie-Skłodowska Curie Doctoral Network: “Innovative Ligands for Nuclear Receptors to Eradicate Cancer Relapse”, (eRaDicate) funded by the European Community is **recruiting 1 young researcher** at the University of Wrocław.

The Doctoral Candidate (DCs) will be trained not only to perform original and independent research on an internationally competitive level but also to develop creative, critical, and entrepreneurial mind-sets, to be prepared for a wide spectrum of career opportunities.

eRaDicate is a doctoral network that combines training and research in almost equal parts. The network is built around a community of leading researchers and all DCs will be part of this community through secondments, training schools, eRaDicate events, and conferences. The research is performed at 8 universities (Medical University of Vienna, University of Santiago de Compostela, University of Wrocław, Medical University of Warsaw, University of Warsaw, University of Birmingham, Ben Gurion University of the Negev, and Trinity College Dublin) and a company (TissueGnostics GmbH). The objective of the network is to understand the role of nuclear receptors, such as retinoic acid receptor (RAR) and vitamin D receptor (VDR), in cancer development and to design and synthesise highly innovative compounds targeting these receptors, to become therapies against cancer stem cell-driven relapse and metastasis. Furthermore, the DCs in the network will devise pre-formulation strategies for the compounds and develop a novel, deep learning-based cancer analysis and diagnostics method.

After having completed their studies and the eRaDicate programme, this innovative and multidisciplinary training will qualify this new generation of scientists not only for an academic career but also for working in the industry and beyond.

See also www.eradicate-project.eu for more details.

APPLICATION DEADLINE: 31.3.2026

We may accept application after this date, in case that the position has not been filled.

General job description

- manage and carry out the individual research project;
- participate in the eRaDicate training and network activities;
- take courses in the Doctoral School of the University of Wrocław;
- write scientific articles and the PhD thesis;
- participate in national and international congresses and scientific meetings;
- research stay at external research laboratory or company site;
- disseminate the research outcomes;
- participate in the undergraduate teaching of students.

Research project: Genomic actions of RAR and VDR ligands

The first 18 months will be financed from the eRaDicate project. Within this project the Doctoral Candidate (DC) will aim to determine whether the combination of RAR γ antagonist and VDR agonist is suitable as a differentiation therapy against acute myeloid leukaemia (AML). The DC will study activities of the above compounds against AML cell lines and against AML bone marrow blasts from patients. The final goal is to determine global transcriptome in AML cell lines and AML blasts exposed to RAR γ antagonist \pm VDR agonist, or to the new vitamin D analogues. The next 30 months will be financed from the Doctoral School of the University of Wrocław. Within this time the DC will examine the combination therapies against AML in which RAR γ antagonist and VDR agonist will be applied together with the inhibitors of signal transduction pathways which are commonly upregulated in AML.

This DC will perform experiments on nuclear receptor ligands using proteins, commercially available cell lines, and patient-derived cells to establish an efficacy profile of the compounds.

- The DC will test transcriptional activities of the ligands.
- The DC will test efficacies of ligand combinations in leukaemia cell differentiation.

Principal techniques employed in this project: biochemistry, cell culture, molecular biology, flow cytometry.

Starting date: 1. June 2026

Scientist in charge: Professor Ewa Marcinkowska

Conditions and Remuneration

Extent of employment: Full time

Duration of employment: Limited to 19 months.

The EU has provided the following contributions for the recruited doctoral candidates:

- Living allowance: € 28,764.00 per year*
- Mobility allowance: € 7,200.00 per year
- Family allowance: € 7,920.00 per year, if applicable**

Estimated annual gross salary (not including the employer's social contributions): € 29,672.64 + family allowance**, if applicable.

* = € 40,800 multiplied with the country correction coefficient, to ensure equal treatment and purchasing power parity for all recruited doctoral candidates.

** the family allowance is given only to those with families defined as persons linked to the researcher by (i) marriage, (ii) a relationship with equivalent legal status to a marriage, or (iii) with dependent children.

The Doctoral Candidate will be employed with an employment contract. **The provided figures are subject to national deductions for social security, income tax, etc. The final salary will be clarified during the interview and confirmed upon appointment.**

eRaDicate will cover **19 months** of full-time research. Afterwards, for **29 months**, the DC will receive the fellowship from the Doctoral School of the University of Wrocław according to the Polish national regulations.

Requirements

Research Field

Biological sciences, medical sciences

Education Level

Master's Degree or equivalent (see below)

Skills/Qualifications

General requirements for admission into eRaDicate

- Applicants **must** be eligible (see eligibility criteria below)
- Applicants **must** hold a MSc or equivalent degree in a related subject area.
- Applicants **must** have the necessary academic skills and background to make the success of a doctoral degree. The skills needed are project-specific.
- Applicants **must** be sufficiently proficient in written and spoken English.
- Applicants **must work exclusively and full-time for the PhD research project**. The applicants must not have any additional (part-time) jobs.
- Applicants must fulfil the requirements of the Doctoral School of the University of Wrocław.

Furthermore a DC of eRaDicate should demonstrate:

- A high willingness to travel.
- Independent problem-solving skills.
- High resilience and flexibility.
- Excellent communication skills.
- Integrity, team spirit, dedication to science and learning, dependability, punctuality, pro-activity.
- Interest in working in an intersectoral, interdisciplinary team and learning new techniques, methods, etc. also outside their comfort zone.
- A high competence level in scientific writing and public speaking as required by the discipline of the project.
- Proficiency with computers, office, web-based learning.
- Willingness to participate in outreach activities, conferences, extracurricular events, etc.

Specific additional requirements and experience required for the research project at the University of Wrocław

- Master's or equivalent degree in Medicine, Biotechnology, Biochemistry, Veterinary Medicine.
- Experience with cell culture, cell isolation, and general molecular biology techniques.
- Knowledge of principles of cancer biology.
- Willingness to teach, train, and supervise undergraduate and MSc students.
- Proficiency in written and spoken English (IELTS 6, CEFR B2 or equivalent; proof required), Polish is a plus.

- Applicants must be eligible to enrol on a 4 years Doctoral School programme at the University of Wrocław ([Link](#) to the Doctoral School information).

Desired

- Experience with flow cytometry is a plus.

Languages

ENGLISH

Level

Excellent

Additional Information

Eligibility criteria

The applicant must comply with the following criteria to be eligible for any project in eRaDicate:

- Applicants **must fulfil the mobility rule**: Applicants must not have resided or carried out their main activity (work, studies, etc.) in the country of the host organisation for more than 12 months in the 3 years immediately before the recruitment date. (Compulsory national service, short stays such as holidays, and time spent as part of a procedure for obtaining refugee status are not taken into account.) Proof required.
- Applicants **must not hold a PhD** or equivalent doctoral degree. (M.D. is eligible)
- Applicants **must not have a conflict of interest** with their future supervisors (family, relationship, economic interest...).

Selection procedure

The eRaDicate selection procedure for DCs will be open, transparent, merit-based and in line with the [European Code of Conduct for the Recruitment of Researchers](#).

The recruitment process consists of an **initial written application**. Eligible applications will be ranked by a selection committee.

Those not selected will be informed. Shortlisted applicants will be invited for **interviews at the selected host institution(s)**, preferably online, or where possible, in person. A further round of interviews may be required.

Interviewed candidates will be ranked and invited to join eRaDicate in order of their ranking. This process may take a few weeks. We will keep a small number of candidates on a reserve list just in case candidates pull out before the final recruitment stage. Successful candidates will be informed as soon as possible after the interview.

Successful candidates will be subsequently enrolled into the PhD programmes of the respective universities. This is a separate process that may require additional documentation and possibly qualifications like language tests. These will be made known to candidates.

MSCA will cover three years of full-time research, but the final contract length and extension options will depend on the host institution.

eRaDicate pursues a policy of equal opportunities on matters of gender and disability.

Application deadline: 31.3.2026

Application

Applicants are requested to submit their application electronically (.docx or .pdf format).

The application should contain (please adhere to the naming conventions for the documents as laid out in the application form):

- A completed application form (download from <https://www.eradicate-project.eu>)
- Research Exposé: Maximum two pages on your previous research (e.g. BSc or Master's thesis). The aim is to evaluate your scientific writing skills and ability to present information in a precise and concise way.
- Current academic CV (max. 4 pages).
- Graduation certificate/s (if available) and academic transcript incl. university grades. Foreign documents must be sent as certified English translations. These documents must show the grades attained in exam periods, where applicable, and evidence that the required degree will be obtained by the expected time of recruitment if it has not already been awarded.
- Proof of English language proficiency.
- Valid ID & proof of eligibility (image of a valid ID, e.g. passport or identity card, AND proof of your employment or studies within the last three years).
- Two letters of reference in support of your application + filled out referee form. Applicants will be responsible for ensuring that referees submit these letters to ema@cs.uni.wroc.pl in time.

All documents must be sent to: ema@cs.uni.wroc.pl

Only complete applications sent in will be considered for the selection procedure.

Start date for the doctoral candidate: 1st of June 2026.

Work Location(s)

Number of offers available

1

Company/Institute

University of Wrocław

Country

Poland

Where to apply

Email

ema@cs.uni.wroc.pl

Contact

City

Wrocław

Website

<https://www.eradicate-project.eu/project-1-uwr/>

Street

Joliot-Curie 14a

E-Mail

ema@cs.uni.wroc.pl