### SHEET FOR PUBLIC SELECTION NOTICE UPON QUALIFICATIONS AND INTERVIEW FOR THE AWARD OF __ RESEARCH GRANT (EX-ART 22 L 240/2010)

Annex No

<table>
<thead>
<tr>
<th>Type of grant</th>
<th>RESEARCH GRANT LETTER b)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department</td>
<td>Department of Medical Science, Surgery and Neurosciences</td>
</tr>
<tr>
<td>CUP</td>
<td>B53D23020930006</td>
</tr>
<tr>
<td>Grant amount (in compliance with the minimum set by MIUR¹)</td>
<td>€ 19.375,30</td>
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<tr>
<td>(total amount, including charges to be paid by the employer)</td>
<td>€ 23.900,00</td>
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<td>Availability of budget and allocation grant costs, including employer charges</td>
<td>2268-2023-CE-PROFCMIUR_PC-PRIN2022_002</td>
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<tr>
<td>Duration (in months)</td>
<td>12 mesi</td>
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<tr>
<td>Renewable</td>
<td>no</td>
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<tr>
<td>Number of positions</td>
<td>1</td>
</tr>
<tr>
<td>Scientific Director</td>
<td>Prof.ssa Elisa Cinotti</td>
</tr>
<tr>
<td>Scientific Disciplinary sector/s</td>
<td>MEDS-24/A medical statistics</td>
</tr>
<tr>
<td>disciplinary scientific group</td>
<td>06/MEDS-24 Medical statistics, general and applied hygiene and general, clinical, pediatric, obstetric-gynecological and neonatal nursing sciences</td>
</tr>
<tr>
<td>Research field²</td>
<td>Medical sciences</td>
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</table>

¹ Indicate the total amount including the charges to be borne by the employer, and the gross amount to be paid.

² For the purpose of publication on the European portal, indicate one of the following fields: Agricultural sciences; Anthropology; Architecture; Arts; Astronomy; Biological sciences; Chemistry; Communication sciences; Computer science; Criminology; Cultural studies; Demography; economics; Educational sciences; Engineering; Environmental science; Ethics in Health sciences; Ethics in natural sciences; Ethics in physical sciences; Ethics in social sciences; Geography; History; Information science; Juridical
Operational classification of BCCs can anticipate the phenotype of the tumor and response to treatment, in order to proactively choose the treatment and customize it based on both patient and tumor characteristics. By using a spectrum of clinical data, direct investigations on human tumor samples, and laboratory investigations in BCC cells, the aim of this project is to improve the handling of DTT-BCC patients through: the identification of a BCC classification system directed at the therapeutic choice and based on a multidisciplinary approach and the evaluation of alternative therapies for DTT-BCC.

### Acronym for research project
ClinMol BCC

### Location(s) of the research activity
University of Siena, Department of medical science, Surgery and Neurosciences

### Project title (ITA)
Carcinoma basocellulare: integrazione di dati molecolari e clinici per una miglior classificazione e management dei tumori difficili da trattare

### Project title (ENG)
Basal cell carcinoma: integration of clinical and molecular data to better classify and manage "difficult to treat" tumors

### Description of the research project/topic
Basal cell carcinoma (BCC) of the skin is the most common malignant neoplasm in humans. It derives from epidermal cells, and it is clinically visible as an erythematos or pigmented skin lesion. Although the large majority of BCCs can be treated either with surgery or local medical treatment (easy to treat - ETT), resistance and/or recurrences can occur. Moreover, a minority of cases (difficult to treat - DTT) need a systemic treatment with Hedgehog (Hh) inhibitors (HHI) due to an extensive local invasion (laBCC) or metastases.

Although BCC aggressiveness potential is considered overall low, its high incidence and morbidity in the general population make BCC a major global health threat.

### Activities entrusted to the research fellow (ITA)
L’assegnista di ricerca sarà responsabile della raccolta dei dati, dell’inserimento dei dati all’interno dei sistemi di raccolta delle informazioni e l’analisi finale dei dati attraverso analisi inferenziali e modellistiche.
Activities entrusted to the research fellow (ENG)

The researcher will be responsible for data collection, data entry into information collection systems and the final analysis of the data through inferential and modelling analyses.

| Maximum number of evaluable publications | 5 |
| Access Requirement                     | None |
| Preferred qualification                 | Degree in statistics, engineering, medicine, biology or equivalent |
| Additional qualifications and requirements\(^3\): | None |

Siena, date of the digital signature

**The Director of the Department**

Prof. Francesco Dotta

**The Scientific Director**

Prof. Elisa Cinotti

\(^3\) For example (for guidance only): Possible foreign language(s) requested; Advanced level of written and spoken knowledge of one or more foreign languages; Work and/or training experience at public and/or private research facilities; Experiences in the international field