

**Keywords :** You can find the keywords of the section here :  
<https://www.cnrs.fr/comitenational/sections/section.php?sec=21>

**Criteria** (NB: These criteria are open, non-exclusive, non-hierarchical and not strictly cumulative.)

### **Evaluation of units, and participation in HCERES evaluations**

The section takes an integrated look at the activity of the units and the CNRS researchers who contribute to them, thus offering an original and comparative perspective of the units at the national level. The section thus integrates the Hcéres evaluation into its own scientific analysis, without duplicating it, which ensures maximum richness in the evaluation of the units. The section relies in particular on its representatives in engineering, technical and administrative staff (ITAs, elected C) to evaluate all the research professions within the units. The criteria used (not hierarchical) are

- Quality of scientific production
- Competitiveness in the international context
- Originality, innovation of the themes studied and projects
- Strategy implemented (adequacy between methodologies used and purpose)
- Ability to integrate new approaches and capacity for evolution
- Collective dynamics of the teams within the unit
- Strategic role, intellectual influence, specificity of the themes and competences of the unit at the European, national and regional levels.

### **Recruitment, promotion and evaluation of researchers**

In all cases, the quality of the researcher's activity will be evaluated by seeking to integrate the following elements that apply to past activity as well as to projects (non-hierarchical order):

- Quality of scientific production. The publications as principal author (first or last according to the rank) during the different stages of their career (PhD, post-doc) will play a preponderant role.
- Originality, innovation of the themes studied
- Competitiveness in the international context
- Collaborations
- Strategy implemented (adequacy between methodologies used and purpose, feasibility in the local context)
- Mobility (thematic or geographical)
- Adequacy with the themes of the section

### **Recruitment CRCN**

The section will make every effort to assess the candidate's potential (scientific maturity, autonomy, scientific culture) and his/her contribution to the work produced. In particular, the candidate must have demonstrated personal productivity. The scientific production will have to be in proportion with the duration of the research activity. Thus, depending on the research experience of the candidates, autonomy (leading role in the projects carried out and proposed) and the ability to supervise students may be important criteria.

### **Recruitment DR2**

Emphasis will be placed on the candidate's ability to supervise and lead a research project that is original, coherent and ambitious, and goes beyond his or her own work. Scientific risk-taking since the beginning of the career, experience in supervising students/researchers,

*obtaining institutional and/or industrial contracts that demonstrate the candidate's autonomy, participation in teaching and publication of journal articles or book chapters will all be taken into account. As a general rule, the quality and originality of published articles will be the determining factor. It is expected that the leadership role in the research projects will be demonstrated by the senior author position. Due to the disparity of research topics and scientific journals within the section, the number of articles published and their "measured" impact (citation index) will be only one indicator of the quality of the candidates' work.*

### ***DRI PROMOTIONS***

*As a general rule, the dominant criterion is the candidate's scientific contribution. The other criteria represent very important facets of the activity of the DRs and will be taken into consideration. However, they are not a substitute for the scientific contribution criterion.*  
***Scientific contribution***

***Quality of scientific contributions:*** *original articles (quality, number, rank in the list of authors), seminars and invited conferences. Impact in the field (pioneering work, scientific career of students and post-docs supervised). Coherence, originality and ambition of the research program. Participation in international programs (to be dissociated from the managerial side) and in scientific journal editorials.*

### ***Teaching, Training, Dissemination***

*Teaching, organization/participation in workshops, thematic schools or international colloquia, books or chapters of books by invitation, scientific popularization actions and documents for the general public, setting up of collaborations.*

### ***Collective responsibilities and research management***

*Evolution during the career of research management and administration responsibilities. Expertise activities for national and international scientific programs. Obtaining research contracts (national, international).*

### ***Valorization and technology transfer***

*Obtaining industrial research contracts. Filing of patents (to be weighted according to the structure to which you are attached).*

*The section will appreciate synthetic activity reports, better able to highlight the scientific qualities of the dossier. It recommends the use of the form provided on the evaluation site, while limiting the description of research activities to a maximum of 5 pages for a mid-term report (2.5 years of activity) and to a maximum of 10 pages for a long-term report (5 years). Concision will also be appreciated for applications for promotion, with a maximum of 10 pages for a summary of research activities, whatever the type of promotion (excluding CV and list of productions). It is recommended that the list of scientific productions separate research articles from journal articles, underlining the name of the candidate and indicating if he or she is a corresponding author. It would also be desirable that the supervised students who signed the articles be clearly indicated.*