

"Go for it" post-doc position in polymer chemistry available from March 2021: a collaboration between KTH, *Royal Institute of Technology* in Stockholm (Sweden), the *University of Sannio* in Italy, and the start-up *Akira Science AB*.

A **post-doc position** will be available from March 2021 at *University of Sannio*, Italy, in the group of Assoc. prof. Daniela Pappalardo, in collaboration with the group of Prof. Anna Finne-Wistrand, KTH, *Royal Institute of Technology* in Stockholm, and the start-up *Akira Science AB* to conduct research in the field of synthesis and 3D printing of *degradable polymer materials for biomedical applications*.

The position is for one year, and it offers the possibility for a post-doc to conduct **research and specialize abroad during a period of between 9 - 12 months**. The grant has been awarded by the CRUI foundation (Conference of Rectors of Italian Universities) to the University of Sannio within the **"Go for it"** project. The full call is available at the link <https://www.unisannio.it/it/amministrazione/avviso/a20210006>.

WHERE: The scholar will be employed in Italy at **University of Sannio** for 12 months; during this period for at least 9 months the scholar will conduct research at **Royal Institute of Technology, Department of Fiber and Polymer Technology (FPT)**, Stockholm, Sweden, tutor prof. Anna Finne Wistrand and also in collaboration with the spin-off *Akira Science AB*, specialized in 3D printing (<https://www.akirascience.com>).

WHY: The project will create innovative degradable polymer materials that respond to the environmental sustainability requirements and to more advanced industrial technologies, in particular 3D printing. The research include synthesis of novel polymers with tailored microstructure and architecture and 3D printing of the synthesized polymers. The project pursues the development of innovative polymer materials in a way that is directionally and qualitatively consistent with the sustainability goals and answers to fundamental requirements for the development of future polymer materials.

The Post-Doc scholar will work in a stimulating and highly qualified environment and will have access to innovative instrument and equipment facilities. He/she will be offered know-how and supervision for the preparation of polymer materials, and the characterization and testing of the synthesized materials. This will ensure a unique possibility to do high quality research and publish in high-ranked journals, as well as gain international experience of high value for his/her professional development.

WHO can apply: Applicants must hold a **PhD degree or an equivalent qualification** (preferred in Polymer Chemistry, Chemistry or Organic Chemistry); they must have obtained their PhD within 10 years of a master's or specialist degree and within 5 years from the deadline for submitting the application for admission to the selection. Applicants must enjoy civil and political rights in the States of belonging or origin.

HOW to apply: The competition is based on qualifications and interview. The complete application must be addressed to the Rector of the University of Sannio, at Palazzo San Domenico, Piazza Guerrazzi, n. 1, 82100 Benevento, Italy, in one of the following ways:

- **hand delivery** to the “*Ufficio di Segreteria e Protocollo*” of the University of Sannio, first floor of "Palazzo San Domenico", Piazza Guerrazzi, n. 1, Benevento, from Monday to Friday, from 10.00 to 13.00;
- **mail shipment** by courier or postal service to the following address: University of Sannio, Palazzo San Domenico, Piazza Guerrazzi, n. 1, 82100 Benevento, Italy;
- **by certified e-mail**, to the address: amministrazione@cert.unisannio.it having in the object of the email "Selection of research fellowship GO FOR IT - Selection procedure code: 01ar21" .

THE APPLICATION MUST INCLUDE:

- 1) Attachment 1, completed and signed (in simple paper)
- 2) A copy of a valid identification document (passport or identity card);
- 3) Any publications and any other qualifications deemed suitable for proving professional qualification, scientific production, as well as aptitude to the research.
- 4) substitutive declaration of certification, made in the forms provided for by articles 46 and 47 of the DPR of 28 December 2000 n. 445, and subsequent amendments and additions, which contains, in relation to the qualification, the information relating to the title name, the date of achievement of the qualification, the institution or body that issued the qualification and the grade reported;

The qualifications and publications for which the candidate requests the evaluation must be proven in one of the following ways:

- substitutive declaration of certification, made in the forms provided for by articles 46 and 47 of the Decree of the President of the Republic of 28 December 2000 n. 445, and subsequent amendments and additions (attachment 2);
- original document;
- certified copy of document;
- photocopy document, with attached substitutive declaration of confirmation, made accordingly to articles 19 and 47 of the DPR of 28 December 2000 n. 445, and subsequent amendments and additions, which certifies its conformity with the original.

WHEN: The activities **project start** is set for March 2021. The project last 1 year.

The **deadline for the application** is the 10 February 2021.

The **oral interview** for the applicants is already fixed to the **15th of February 2021**. For the applicants resident or domiciled outside the Italian territory the oral interview could be carried out online. **If the emergency situation caused by COVID 19 persists, the interview may be carried out remotely.**

CONTACT INFORMATION: pappalardo@unisannio.it ; annaf@kth.se

ATTACHMENT 1

Example scheme of the application
(on plain paper)

To the Rector of the *Università degli Studi del Sannio*
Piazza Guerrazzi
82100 Benevento

The... undersigned (a) born in (province of) on
....., Tax Code, resident in
(province of) post code via n., country.....

asks to be admitted to participate in the public selection procedure, based on qualifications and
interview, for the assignment of a fellowship for carrying out annual research activities in the
scientific sector SSD: CHIM / 03 "General and Inorganic Chemistry" within the **GO FOR IT** project -
Selection procedure code: 01ar21.

He/she declares under his own responsibility that:

1. be an Italian citizen; or to be a citizen (b);
2. be registered in the electoral roll of (c) (if an Italian citizen); or to enjoy civil and
political rights in the country of origin or origin (if with foreign citizenship);
3. have not received criminal convictions and have no criminal proceedings in progress (d);
4. be in possession of a research doctorate in
achieved on at the University of , administrative seat of
the doctorate, with research activities in the scientific disciplinary sector with thesis
entitled
5. to be in possession of the Master's / Specialist degree in achieved on
..... at the University of with the score of ..;
6. undertake not to receive, during the period of disbursement of the grant for carrying out
research activities, other scholarships awarded for any reason, except those provided for in Article
11 of the competition notice;
7. elect as his/her domicile in (city, street, number
and zip code) phone number....., email address.....
8. choose which foreign language to be interviewed;

9. to give their consent for the use, communication and processing, in general, of their personal data exclusively for reasons related to the completion of this competition procedure, in compliance with the provisions of Legislative Decree. of 30 June 2003, n. 193.

10. that I am a disabled person of the type and to need the following aid (only if disabled person);

11. not to have any degree of relationship or affinity, up to and including the fourth degree, with university professors or researchers who belong to the University of Sannio, nor with the Rector, with the Administrative Director (Director General) or with a member of the Academic Senate or of the Board of Directors of the University of Sannio;

12. not to be employees of universities, institutions and public research and experimentation bodies, of the National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA) and of the Italian Space Agency (ASI), as well as of institutions whose scientific specialization diploma has been recognized as equivalent to the title of research doctor, pursuant to article 74, paragraph 4, of the Decree of the President of the Republic of 11 July 1980, number 382;

13. its willingness to carry out study and research activities abroad for a period of 9 months, in the foreign research Institute identified by the University of Sannio for the realization of the project;

14. to be aware that failure to carry out the study and research period abroad will result in the revocation of the entire research grant;

15. (only for residents or domiciled outside the Italian territory) to take the oral exam remotely.

The undersigned declares under his own responsibility, pursuant to Presidential Decree 28/12/2000, n. 445, and subsequent amendments and additions that the above is true, for this purpose attach a photocopy of a valid identification document.

Date.....

Signature

(a) married candidates must indicate their maiden name and first name;

(b) if not Italians indicate possession of foreign citizenship;

(c) in case of non-registration or cancellation from the electoral roll, indicate the reasons;

(d) if not, indicate the convictions reported

Attachment 2

Substitutive Declaration of certification, made in the forms provided for by articles 46 and 47 of the Decree of the President of the Republic of 28 December 2000 n. 445, and subsequent amendments and additions;

Io sottoscritto (*the undersigned*) _____ codice fiscale
(*Fiscal code*) _____ nato a (*born in*) _____ prov.
_____ il (*date of birth*) _____ residente (*address*)

tel. (*phone*) _____ email _____

consapevole delle sanzioni penali nel caso di dichiarazioni mendaci, di formazione o uso di atti falsi (*aware of the criminal sanctions in the case of false declarations, formation or use of false documents*) (articolo 76, DPR n. 445/2000)

Dichiaro

(*I Declare*)

.....
.....
.....
.....

che quanto affermato è veritiero e che i documenti allegati sono conformi agli originali
(*that what I have stated is true and that the attached documents conform to the originals*)

Data (*Date*) _____ FIRMA (*Signature*) _____