



## Job advertisement – postdoc

### Postdoc in Taxol Biosynthesis Section for Plant Biochemistry

The Department of Plant and Environmental Sciences has a vacant postdoc position to investigate the biosynthesis of taxol. The position is open from 1 April 2021 or as soon as possible thereafter. The employment period is 2 years.

Taxol is an efficient cancer drug used for the treatment of several different types of cancer, including melanoma, ovarian, breast, and prostate cancer. However, its current production is particularly costly, pressing for the development of sustainable and cost-effective production methods. Production of taxol in heterologous hosts has the potential of reducing its cost. Nevertheless, progress in this direction has been hampered by incomplete knowledge of its biosynthetic pathway in the native host, the yew tree (*Taxus* spp.).

The successful postdoc applicant will conduct research aimed at elucidating the missing steps in taxol biosynthesis in the yew tree. Apart from research, the postdoc's duties will include being a teaching assistant, supervising students, and assisting in the writing of grant applications.

The postdoc will join the Geu-Flores research group ([https://plen.ku.dk/english/research/plant\\_biochemistry/alkaloids-and-chemical-ecology/](https://plen.ku.dk/english/research/plant_biochemistry/alkaloids-and-chemical-ecology/)) and will collaborate with neighboring groups within the Section of Plant Biochemistry ([https://plen.ku.dk/english/research/plant\\_biochemistry/](https://plen.ku.dk/english/research/plant_biochemistry/)). Further information on the Department can be found at <http://www.science.ku.dk/english/about-the-faculty/organisation/>.

Inquiries about the position can be made to Associate Professor Fernando Geu-Flores ([feg@plen.ku.dk](mailto:feg@plen.ku.dk)). The University wishes our staff to reflect the diversity of society and thus welcomes applications from all qualified candidates regardless of personal background.

The application, in English, must be submitted electronically by clicking APPLY NOW in the University's Job Portal: <https://employment.ku.dk/faculty/?show=153234>. Please include:

- Curriculum vitae
- Diplomas (Master and PhD degree or equivalent)
- Research plan – description of previous and future plans (max. 2 pages including references)
- Complete publication list
- Separate reprints of 3 particularly relevant papers

The deadline for applications is **13 January 2021 at 23:50 GMT +1**. After the expiry of the deadline for applications, the authorized recruitment manager selects applicants for assessment on the advice of the Interview Committee. You can read about the recruitment process at <http://employment.ku.dk/faculty/recruitment-process/>. The interviews will be held during the first week of February 2021.

#### Terms of employment

The position is covered by the Memorandum on Job Structure for Academic Staff. Terms of appointment and payment accord to the agreement between the Ministry of Finance and The Danish Confederation of Professional Associations on Academics in the State. The starting salary is currently up to DKK 437.843 including annual supplement (+ pension up to DKK 74.871). Negotiation for salary supplement is possible.