



United States Department of Agriculture

Research, Education, and Economics
Agricultural Research Service

A Post-doctoral position is available immediately in the field of Switchgrass Genomics at the USDA-ARS Western Regional Research Center in the laboratory of Dr. Christian Tobias. The interdisciplinary research group focuses on the improvement of switchgrass as a feedstock for bioenergy and is taking a number of interdisciplinary approaches.

The project will focus on new methods toward efficient production of doubled haploids in switchgrass and to understanding the effective rates of recombination in polycrosses that are performed as part of switchgrass breeding and improvement. We will be applying next generation sequencing (NGS) and biotechnological approaches in both of these areas.

Applicants should have a recent Ph.D. in molecular biology, plant biology or a closely related field, a strong academic background and glowing references. To be eligible, the Ph.D degree should have been awarded no earlier than 2009. Previous working experience with NGS platforms is desirable but not required. Applicants are expected to be highly motivated, reliable and interested in working in an interdisciplinary environment with a research team focused on diverse-interconnected research that is relevant to bioenergy. Model species are used as appropriate to address basic knowledge gaps and test new approaches. The position is for 2 years. Salary is equivalent to a GS-11 (<http://www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/>)

Please send in a single pdf file a full CV, a short description of your research experience relevant to this position and contact details of three references to Dr. Christian Tobias (christian.tobias@ars.usda.gov).

The Agricultural Research Service (ARS) is the United States Department of Agriculture's chief scientific research agency and one of the world's premiere scientific organizations. ARS Postdoctoral Research Associates are hired to supplement a lead scientist's research on agricultural problems of high national priority affecting American agriculture.

Applications for this position will be accepted from both US Citizens and Foreign Nationals who meet both Appropriations Law and Immigration Law requirements found under "Foreign Nationals Eligible for Federal Employment" at <http://www.afm.ars.usda.gov/hrd/EmployForeignNationals/index.htm>.

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