**Job Description**

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| **Job Title: Associate Pharmacometrician** | **Number of positions:** |
| **Department:** Quantitative Clinical Pharmacology | **Job Code/ Req#**: N/A |
| **Report To:** Senior Director, Clinical Pharmacology | **Location:** Home-based; Pleasanton, CA, USA; Gaithersburg, MD; Richmond, VA, USA; Ann Arbor, MI |
| **Position Type:** Full-time | **Version Date (YYYY/MM/DD):** |
| **Position Summary**  At Amador we provide global-standard translational sciences and clinical pharmacology services to biopharmaceutical companies in US, EU and China. Supported by top VCs in technology and healthcare, Amador aims to become a leading global partner for the successful development of novel and improved biotherapeutics.  We are seeking candidates to enhance and further our clinical pharmacology services globally through high-quality work, strategic client interactions, publications and presentations. They will work with pharmacometricians to analyze pre-clinical and clinical data for exploratory analysis, modeling, and simulation for our clients’ drug development programs for assigned projects. They will assist developing pharmacometrics analysis plans, and implementing appropriate methods for data handling, analysis and reporting, in compliance with current regulatory guidance and industry best practice, with guidance of pharmacometricians.  Key qualities in the candidate include basic understanding of pharmacometrics, clinical Pharmacology, pharmacokinetics and solid experience in performing population PK/PKPD analyses using standard pharmacometrics software (e.g. NONMEM, R, Monolix, Phoenix, etc.).  Additional key attributes include:   * Highly self-motivated and willing to take on challenges * Ability to build relationships and work closely with global internal and external teams * Good written and oral communication skills | |
| **Key Responsibilities**   * Use translational simulations to project the human PKPD for the starting-dose selection for first-in-human studies. Perform population- and/or mechanism-based modeling to characterize the PK and PD of candidate drugs. Perform clinical trial simulations to support development decisions. Contribute to Model Informed Drug Development exercises for clients * Assist with the design, analysis, and interpretation of studies involving sparse sampling and provide guidance to optimize PK sampling and dosing strategies * Author or contribute to pharmacometrics reports and related sections of regulatory documents; participate in regulatory meetings if requested. * Present and report data in approved external meetings and publications * Maintain current knowledge of advancements in pharmacometrics and clinical pharmacology science, regulatory guidance documents, FDA rulings, internal SOPs, and internal working practices; contribute ideas to improve technologies and procedures for best pharmacometrics practices | |
| **Qualifications and Education Requirements**  Education:   * Bachelor's or Master’s degree in pharmaceutical science, statistics, applied mathematics, biology, pharmacology   Experience:   * 2-4 years of experience with Master’s degree required * 4-6 years of experience with Bachelor's degree required   Special Skills/Abilities:   * Highly motivated individual with intellectual and technical background in quantitative disciplines * Excellent problem-solving, written and oral communication skills. | |
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Employee Signature：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Manager Signature：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Disclaimer:**   
  
Tasks, duties, and responsibilities as listed in this job description are not exhaustive. The Company, at its sole discretion and with no prior notice, may assign other tasks, duties, and job responsibilities. Equivalent experience, skills, and/or education will also be considered so qualifications of incumbents may differ from those listed in the Job Description. The Company, at its sole discretion, will determine what constitutes as equivalent to the qualifications described above. Occasionally, required skills/experiences for jobs are expressed in brief terms. Any language contained herein is intended to fully comply with all obligations imposed by the legislation of each country in which it operates.