Merck is currently seeking exceptional scientists for positions within the Analytical Research and Development department. The successful candidate will join multidisciplinary, highly collaborative teams to enable the development of novel medicines by utilizing state-of-the-art analytical techniques to solve problems across scientific disciplines. Scientists in AR&D have the opportunity to contribute to small molecules, biologics, and vaccines, depending on the specific functional area. Responsibilities vary widely from method development for characterization, to developing regulatory analytical control strategies, all while contributing to the development of novel analytical technologies. A Ph.D. in chemistry, biochemistry, virology, material science, or related field is required, along with a proven track record of solving complex problems. Candidates must possess strong written and oral communication skills, and the ability to work effectively in a team environment.

- **Description:**
  - The Senior Scientist is a *laboratory-based scientific role* tasked with solving complex analytical problems at the interface of chemistry, engineering, and lab informatics disciplines to enable development of active pharmaceutical ingredients (APIs). The successful candidate must be **able to effectively collaborate in a fast-paced, integrated, multidisciplinary team environment**. The successful applicant will be expected to solve challenging chemistry problems by application of one or more analytical techniques, including but not limited to, liquid chromatography, supercritical fluid chromatography, gas chromatography, capillary electrophoresis, ion chromatography, nuclear magnetic resonance, mass spectrometry, etc.

- **Education Minimum Requirements:**
  - Ph.D. in chemistry or related field or M.S. in chemistry or related field with a minimum of 5 years of relevant experience in the Pharmaceutical Industry. Candidates receiving Ph.D. in 2022 are also eligible to apply.

- **Required Experience and Skills:**
  - Demonstrated scientific ability through publications and presentations in scientific conferences.
  - Excellent verbal and written communication skills, demonstrated creativity, and strong interpersonal skills.
  - Ability to deliver complex objectives under aggressive timelines in a rapidly changing environment.
  - Ability to work in a team environment with cross-functional interactions