



Ingredion

Job Title: Senior Associate Scientist - Global Nutrition R&D
Position Location: Bridgewater, NJ
Business Unit: Global Innovation Group/Global Nutrition

Primary Function The Senior Associate Scientist, Global Nutrition R&D will be responsible for conducting and supporting Applied Research and New Product Development Projects for the Global Nutrition R&D platform and Research Themes. The Senior Associate will be a key contributor to the research and development program of the group, planning and executing projects aimed at understanding the health benefits of nutritional ingredients which can be leveraged for new food ingredient product development.

Reports To: Director, Global Nutrition R&D

Supervision: None

Key Deliverables

Business

- Drive innovation and carbohydrate-based ingredient development by using expertise in nutrition and food science.
- Champion commercialization of carbohydrate-based food ingredients with novel health-related benefits. Develop & promote novel products and technologies to strategic customers.
- Plan, perform, and direct laboratory research including developing *in vitro* assays and extramural *in vivo* models. Quantify physiological outcomes and predict potential health benefits.
- Identify and propose potential new benefit, product and/or technology development opportunities consistent with the business strategy.
- Collaborate directly with customers to develop new product solutions, initiating projects, accessing resources and supporting the business strategy.

Agility and Innovation

- Increase industry/customer awareness of Ingredion Research & Development by writing, publishing, and presenting technical papers to customers and at industry conferences.
- Develop innovative solutions and generate intellectual property including patents.
- Maintain in-depth understanding of patent and scientific literature on nutritional microbiology. Evaluate technical information to understand technology landscape and plan experimental programs.

Relationships and People

- Lead and inspire project teams, develop co-workers, engage stakeholders, encourage collaboration and contribute to morale.
- Serve as a technical lead on multifunctional product development teams; manage projects and deliver results under challenging schedules.
- Collaborate with application, material science, sensory and process



technology functions and marketing/sales to commercialize products.

**Knowledge, Skills,
and Requirements:**

- PhD in food science, nutrition, biochemistry, or related discipline with 1-5 years of experience in industry, academic or post-doctoral research.
- Strong background in carbohydrate science, digestion and physiology. Experience with in vitro and in vivo assays to model digestion.
- Ability to lead and manage a wide range of projects in applied research leading to new product development.
- Proficiency in understanding, writing and defending patents.
- Outstanding written & oral communication skills as customer presentations and technical publications are a requirement.
- Ability to interact effectively within the Nutrition R&D research team, other functions within the organization, and with customers. Must be comfortable as a member of multifunctional, multidisciplinary teams.
- Ability to inspire and focus the team to adapt to changing requirements while maintaining momentum.
- Ability to explore multiple possibilities for tackling challenges, thinking “out of the box” to come up with the best solutions
- Proven ability to plan and prioritize work to meet deadlines and achieve business objectives.
- Understanding of the importance of safety in the workplace and the processes which drive the desired safety performance.
- Approximately 10 - 15% travel to customers, technical/trade conferences, and other Ingredion locations will be required.

**Desired behavior,
personal attributes**

- Strategic thinker -ability to creatively link together disparate ideas to propose novel approaches.
- Insightful, able to use functional knowledge and experience to drive delivery of department/team goals.
- Readily adaptable to new processes and able to help others operate with flexibility

Relocation Available: Yes – Relocation Within Country Considered