

Seeking Innovations for Altering Chromosomal Recombination in Crop Plants

Bayer Crop Science is seeking innovative solutions to **alter chromosomal recombination frequency** to drive variation in crop plants. Solutions that may be **temporal or heritable** and impact **general recombination frequency** or **site-specific recombination frequency** are of high interest.



Approaches of Interest:

- Technologies that **increase** general recombination frequency
- Technologies that can be **switched on or off** to modulate recombination rates under defined conditions
- A broad range of solution types, including **genome editing, transgenesis, native genetic variation and chemical or environmental treatments**
- Platform technologies for the efficient detection of rare recombination events are of interest but **must** be paired with methods that alter recombination frequency
- **Proof-of-concept** demonstrated in model plant systems, with readiness for translation to crop plants

Out of Scope:

- Technology innovations outside of plants **without** evidence of translation to plants (e.g. mammalian chromosomal recombination modification technology)
- Platforms for efficiently detecting or screening rare recombination events that are **not** paired with a method to affect recombination frequency

Developmental Stages of Interest:

- Basic research through to market is of interest, provided there is proof-of-concept
- Novel and innovative approaches are of highest interest






Submission Information

Bayer Crop Science invites applications from both academic institutions and industry organizations and welcomes proposals based on both existing technologies or methods and novel approaches. Applicants should complete the **submission form** which should contain a brief, non-confidential overview of your proposal, demonstrating how the RFP requirements are satisfied by your approach. Proposals should outline the resources required to solve the problem. To submit your proposal, please visit our [website](#), register, and submit your application form under the appropriate Connect campaign

Opportunity for Collaboration

Our client is open to a range of collaboration opportunities, with the most appropriate outcome being decided on a case-by-case basis. Example outcomes include licensing assets, project/PhD funding, and research collaborations.

Opportunities sought

-  Academics and expertise
-  Technologies
-  Centres of excellence
-  Research projects
-  Company profiles

Submissions

Please submit relevant, non-confidential opportunities online [here](#)

Deadline: **22nd June 2026 - 10:59 pm GMT**

Have any questions?

Contact our team at campaigns@inpart.io



Bayer Crop Science is the agricultural and environmental science arm of Bayer AG. They are one of the world's leading innovators in the areas of seeds, crop protection, sustainable agriculture and non-agricultural pest control.

