



# Director's response to the Section of Mechanisms of Carcinogenesis Review (3–4 February 2020)

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# Section of Mechanisms of Carcinogenesis

## Key recommendations and response

- **Maintain the leadership role in large international consortia**

### Response:

- **Ambition is to remain at the forefront of the studies aimed at identifying biomarkers and molecular precursors of childhood cancer and their environmental determinants.**
- **This will be carried out in a close collaboration with other sections and leading international consortia on childhood cancer.**
- **Reinforce causal links between risk factors and cancer etiology and synergy between groups within the Section**

**Response:** Section will continue capitalizing on its strong and recognized expertise in molecular epidemiology and mechanistic studies using cellular models and state-of-the-art *in vitro* approaches.

# Section of Mechanisms of Carcinogenesis

## Key recommendations and response

- **Consider outsourcing IARC TP53 Database to a separate entity and redirect the funds to supporting other project needs.**

**Response:** Consensus was reached that the Database will be re-established at the NIH NCI's Division of Cancer Epidemiology and Genetics to continue to serve there as a free-access public resource.

- **Support the planned investigations of the interactions between mutational and epigenetic events**

**Response:** This will be addressed with the planned conversion of the MCA Section into a single high-synergy entity, the Epigenomics and Mechanisms Branch (EGM) and closer collaborative ties with epidemiology teams at IARC under the redesigned structure of the Agency.

**Thank you!**