

# **Multi-disciplinary research to investigate CKDu**

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# Multi-disciplinary approach

- Multidisciplinary approach draws appropriately from multiple disciplines to redefine problems
- It is a fundamental expression of being guided by holism

# Multi-disciplinary approach

- Multidisciplinary teams contribute to the advancement of scientific discovery
- And also to the translation of those discoveries into useful practice

# Multi-disciplinary approach

- Major barrier: tradition of highly focused professionals cultivating a protective boundary around their area of expertise
- This tradition rarely works towards the benefit of the wider public interest

# Multi-disciplinary approach for CKDu

- CKDu should, become a priority for a target-oriented multi-disciplinary research effort
- The following research areas are suggested to initiate discussion

# Multi-disciplinary approach

- Patient centred research
  - *Further define the phenotype of CKDu*
  - *Investigate aetiology by a detailed study of body fluids and tissue*
  - *Improve methods for surveillance and early detection*
  - *Develop guidelines for best management practices for affected*

# Multi-disciplinary approach

- Contribution of irrigation practices, fertilizer, pesticide use for the emergence of CKDu
- Improvement of water quality with special emphasis on cost-effective water purification
- Pilot a public education package for prevention of water and environmental contamination, using and disposing agrochemicals, with the evidence available

