

# Canada's Latest Scientific Breakthroughs: 11,000-Year-Old Settlements, Lunar

Canadian Science · Answer Key · 7 Questions

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**1. What significant archaeological discovery, dating back 11,000 years, was recently uncovered near Sturgeon Lake First Nation in Saskatchewan, challenging previous narratives about early Indigenous civilizations?**

- A) An ancient obsidian mine
- B) A large pictograph site
- C) A pre-contact Indigenous settlement**
- D) A ceremonial burial mound

**2. Scientists from the University of Ottawa and the University of Toronto recently announced the discovery of significant natural accumulations of 'white hydrogen' gas. In which major Canadian geological formation was this potential clean energy source found?**

- A) The Rocky Mountains
- B) The Great Lakes Basin
- C) The Canadian Shield**
- D) The Appalachian Mountains

**3. A Canadian company, Canadian Strategic Missions Corporation, recently won an award for its LunaPure invention. What is LunaPure designed to do?**

- A) Purify atmospheric CO<sub>2</sub> on Earth
- B) Develop new agricultural techniques for extreme climates
- C) Extract and purify water on the moon**
- D) Create advanced filtration systems for remote communities

**4. McGill University researchers made a unique paleontological discovery in Alberta's Dinosaur Provincial Park. What was the nature of this first-ever Canadian find from the dinosaur era?**

- A) A complete dinosaur skeleton
- B) A fossilized dinosaur egg nest
- C) A dinosaur-era dragonfly fossil**
- D) Evidence of prehistoric human tools

**5. UBC researchers achieved a significant breakthrough in organ transplantation in 2025. What did they successfully accomplish with a kidney?**

- A) Developed a new way to grow organs in labs
- B) Successfully converted a kidney from blood type A to universal type O**
- C) Performed the first successful xenotransplantation
- D) Invented a non-invasive organ viability test

**6. Dr. Claude Perreault's team, funded by the Canadian Cancer Society, is making strides in cancer research. What type of innovative treatment is his team developing, with clinical trials expected soon?**

- A) New chemotherapy drugs
- B) Targeted radiation therapies
- C) Cancer-specific vaccines**
- D) Advanced surgical techniques

**7. McGill University researchers unveiled a novel molecular platform called 'Alenomers' in May 2026. What field is this new class of molecules designed to revolutionize by combining advantages of antibodies and DNA-based therapeutics?**

- A) Quantum computing
- B) Drug discovery and development**
- C) Sustainable agriculture
- D) Oceanography research