

- **Complete List of Noble Prize Winners 2022**
- Exam Oriented Note
- Exam Focused Questions and Answers

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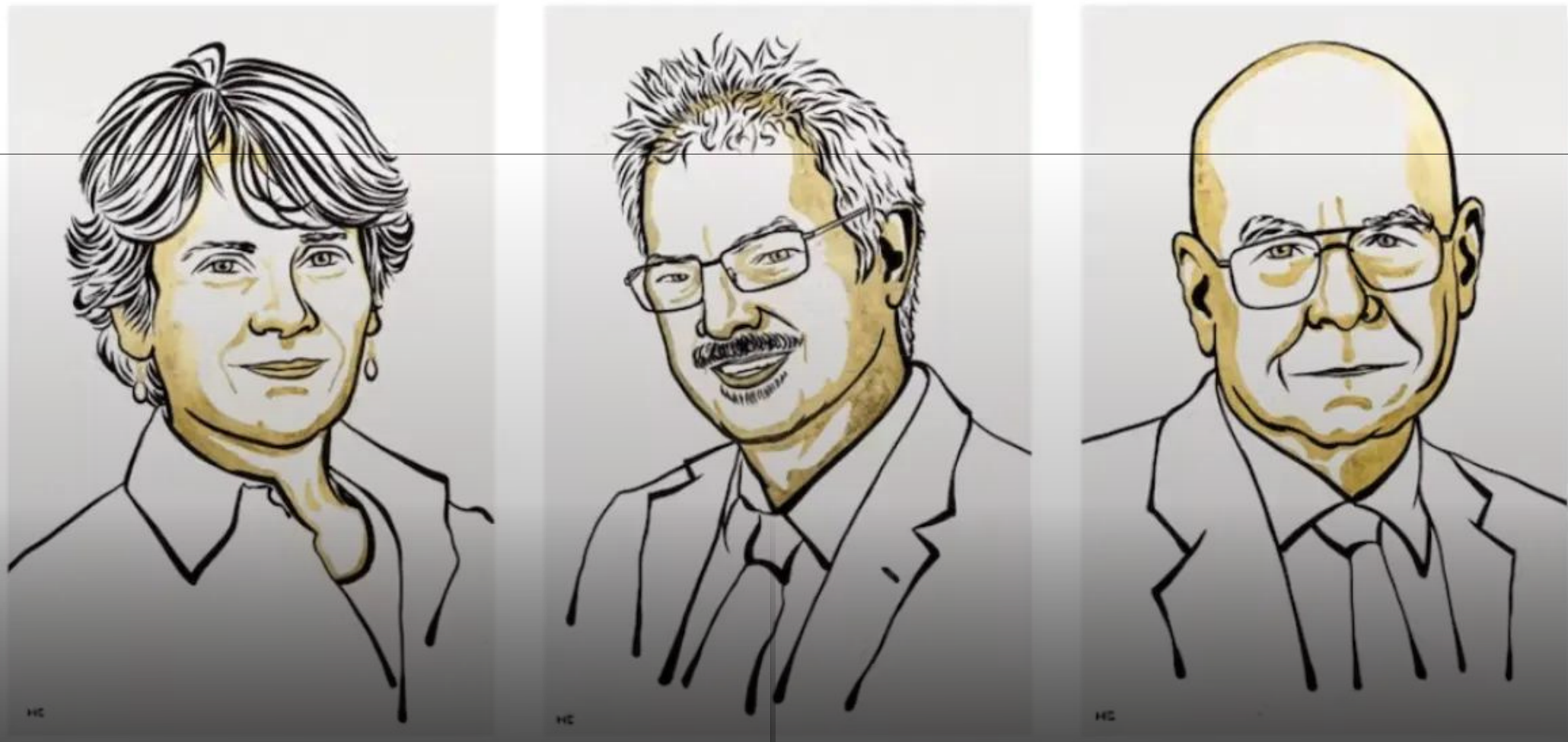
Noble Prize in Physics 2022



- **Recipients:** Alain Aspect (France), John Clauser (USA), Anton Zeilinger (Austria)
- **Achievement:** For conducting experiments in quantum mechanics that laid the groundwork for rapidly-developing new applications in computing and cryptography.

Noble Prize in Chemistry 2022



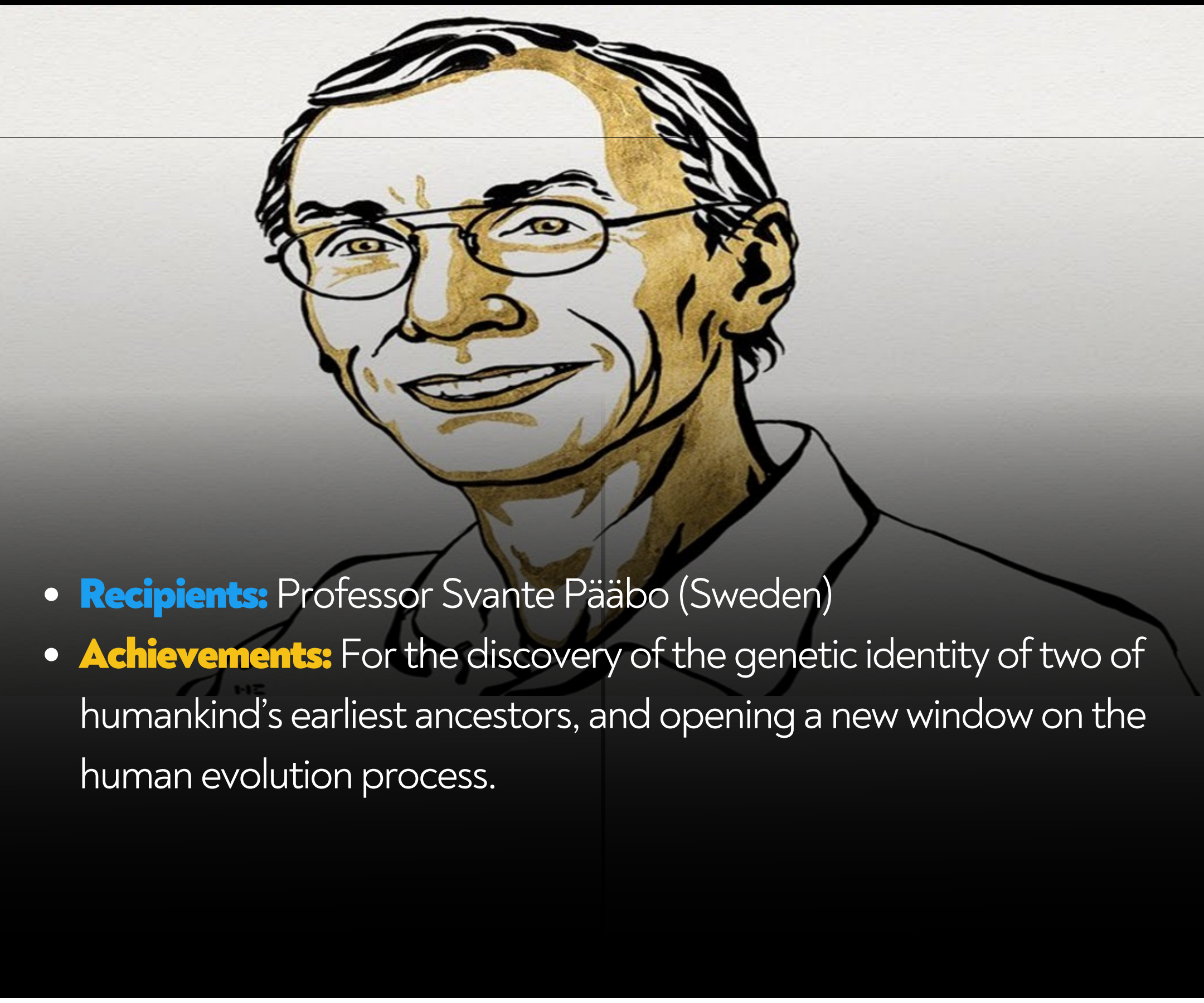
- **Recipients:** Carolyn Bertozzi (USA), Barry Sharpless (USA), Morten Meldal (Denmark)
- **Achievement:** For 'Click Chemistry' = finding molecules that easily fit into each other, or 'click' with each other. Presently, to manufacture 1 kg drug, 25-100kg waste generated. - Click chemistry can help reducing it.

Noble Prize in Literature 2022



- **Recipients:** French Author Annie Ernaux
- **Famous Books?** The Years, A Woman's Story, A Man's Place and Simple Passion.
- *17th women to win since inception of Nobel prize in 1901.*
- **Achievements:** For the courage and clinical acuity with which she uncovers the roots, estrangements, and collective restraints of personal memory.

Noble Prize in Physiology and Medicine 2022



- **Recipients:** Professor Svante Pääbo (Sweden)
- **Achievements:** For the discovery of the genetic identity of two of humankind's earliest ancestors, and opening a new window on the human evolution process.

Noble Prize in Peace 2022



- **Recipients: Person**: Ales Bialiatski (Belarus) Human Rights Advocate

,for promoting the right to criticize power and protect the fundamental rights of citizens.

Org- Memorial (in Russia)

Org- Center For Civil Liberties (in Ukraine)

- **Achievements of Organisations:** For showing outstanding efforts to document war crimes, human rights abuses, the abuse of power.

Noble Prize in Economics 2022



- **Recipients:** 3 USA Economists Ben S. Bernanke, Douglas W. Diamond, Philip H. Dybvig
- **Indians who won Economics Nobel:** Amartya sen (1998), Abhijit Banerjee (2019)
- *Officially called Sveriges Riksbank Prize in Economic Sciences.*
- **Achievements of Organisations:** For showing that Bank failures / Bank run can be a 'cause' and not 'consequence' of the financial crisis. So strong regulation required.

Do You Know?



- **Note:** The Nobel Prizes are presented by Sweden (all prizes except the Peace Prize) Peace Prize is presented by Norway .
- ***The Prize can be shared by up to three individuals***, or in the case of the peace prize, it can also be awarded to an organization.
- Nobel Prize cannot be awarded posthumously.
- **Malala Yousafzai** is the youngest Nobel Laureate who got the Peace Prize in 2014 at the age of just 17 years.

Exam Focused Questions and Answers



- When did Nobel Prize started? **Ans**: 1901
- What was invented by Alfred Nobel, the founder of the Nobel Prize? **Ans**: Dynamite
- The nobel prize was instituted by which country? **Ans:** Sweden
- Which person or organisation received the Nobel Prize three times so far? **Ans:** International Committee of the Red Cross
- The first Black to be awarded the Nobel Peace Prize was – **Ans:** Ralph Johnson Bunche (USA)

Exam Focused Questions and Answers



- The first black Nobel prize winner of literature in the world is– **Ans**: Tom Morrison (USA)
- Who won both an Oscar and a Nobel Prize for literature? **Ans**: George Bernard Shaw
- Nobel Prize was awarded to Einstein for _____ **Ans:** Theory of photoelectric effect
- Who was first woman to win a nobel prize? **Ans:** Marie Curie

Exam Focused Questions and Answers



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Exam Focused Questions and Answers



- The first female reciepient who won the prize twice?— **Ans**: Marie Curie is the only woman who has been honored twice, with the 1903 Nobel Prize in Physics and the 1911 Prize in Chemistry.
- Dr Hargobind khorana won Nobel Prize in which field? **Ans:** In 1968 Dr Hargobind khorana won the Nobel Prize in Medicine for interpretation of genetic code.