



Share



THE HINDU NEWSPAPER ANALYSIS

50 WORDS DAILY

MOST IMPORTANT VOCABULARY

LIVE  **7:30 AM**

5 AUG 2021



**BELIEVE IN
YOURSELF
AND ALL THAT
YOU ARE.**

TOPICS WE WOULD COVER

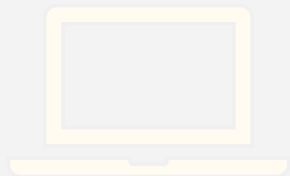
- **CHECK YOUR PROGRESS**

- a) synonyms
- b) antonyms
- c) one word
- d) idioms

- **VOCABULARY FROM ARTICLE + ANALYSIS+ spotting errors**

LET'S CHECK YOUR PROGRESS

ARE
YOU
READY??





Time for SYNONYMS

-0.25

VOCABULARY

Q1. Choose the Synonym of
'Unsustainable'

(a) Colluded

(b) unsuitable

(c) joined

(d) involved

0:20

VOCABULARY

Q2. Choose the Synonym of
'Consensus'

assent

- (a) accord
- (b) machination
- (c) truthfulness
- (d) Probity

0:20

VOCABULARY

Q3. Choose the Synonym of
Overarching

0:20

- (a) Refined
- (b) throughout
- (c) Filthy
- (d) ~~Classy~~

dirty

arch over

Probability
having/holding
strong ethical or
moral values.

always go for the former one.

VOCABULARY

Q4. Choose the Synonym of
'Imperative'

0:20

- (a) Antipathy
- (b) Crucial
- (c) Kindness
- (d) Crucial

one that cannot
be avoided

enmity/hatred

hostility

animosity

PDF

VOCABULARY

Q5. Choose the Synonym of
'Priority'

~~Q5~~
(a) subservience **0:20**

(b) Plenty

(c) lot

(d) area

"Soorve sub se pehle"



Time for ANTONYMS

VOCABULARY

Q6. Choose the Antonym of '**Linkage**'

0:20

(a) provision ✓

(b) connection ✓

(c) deletion ✓✓

(d) exercise ✓

Couch - potato

VOCABULARY

Q7. Choose the Antonym of '**Ambitious**'

0:20

- (a) crude *Raw*
- (b) ill-mannered
- (c) refined
- (d) lethargic

pumped

VOCABULARY

Q8. Choose the Antonym of 'Accountability'

0:20

(a) Agile

(b) ~~irresponsible~~ irresponsibility

(c) boorish

(d) Verity

live - more

→ very swift
able to move
quickly &
easily

→ 'rude'
ill-mannered

→ true principle

→ aloof

VOCABULARY

Q9. Choose the Antonym of 'Executing'

0:20

(a) Counterfeit

(b) artificial

(c) unreal

~~(d) abandon~~

False

VOCABULARY

Q10. Choose the Antonym of 'genial'

- (a) Cheerful
- (b) Hostile
- (c) fruitful
- (d) useful

act like
a
genie
(favour)

0:20



Time for ONE WORD

VOCABULARY

Q11. A list of books and writings of one author or one subject

0:20

- (1) biography
- (2) lithography
- (3) Bibliography
- (4) orthography

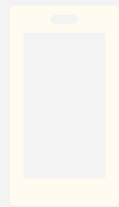
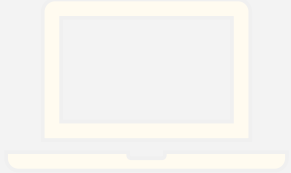
Subject.

Life story of a person

Conventional Spelling System

printing process.

Project



VOCABULARY

Q12. Yearly celebration of a date or an event.

0:20

- (1) birthday
- (2) jubilee
- (3) anniversary
- (4) centenary

VOCABULARY

Q13. A list of the names of books

- (1) epilogue
- (2) dialogue
- ~~(3) catalogue~~
- (4) prologue

0:20

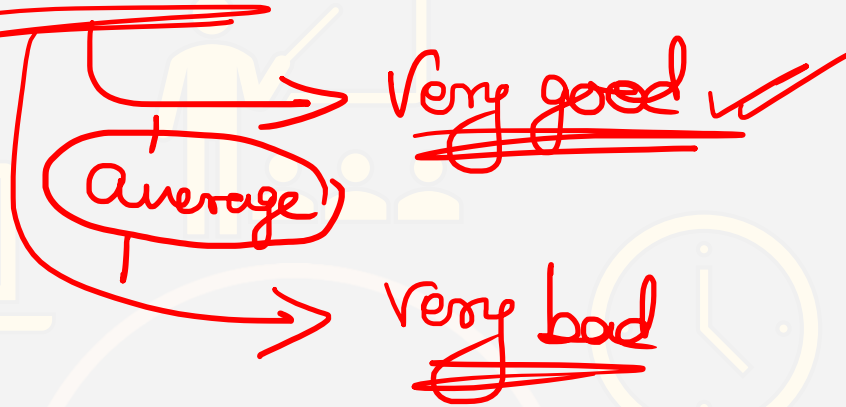
VOCABULARY

Q14. A person who readily believes others.

0:20

- (1) credible *worth to be believe*
- (2) ~~credulous~~ ✓
- (3) sensitive
- (4) sensible

Teacher



VOCABULARY

Q15. Has an evil reputation.

- (1) notorious ✓
 - (2) malicious ✓
 - (3) magnanimous
 - (4) dubious
- Spiteful
- 0:20
- doubtful
- generous



Time for IDIOMS

VOCABULARY

0:20

Q16. **by fits and starts**

- (1) regularly
- (2) irregularly
- (3) certainly
- (4) fairly

VOCABULARY

0:20

Q17. **to put an end to**

(1) continue

(2) start

(3) stop

(4) enforce

VOCABULARY

0:20

Q18. **to hail from**

- (1) call
- (2) receive
- ~~(3) come from~~
- (4) arrive

originated

VOCABULARY

0:20

Q19. I **took exception** to his remarks and left the meeting.

- ~~(1) objected~~
- (2) suggested
- (3) heard
- (4) excused

VOCABULARY

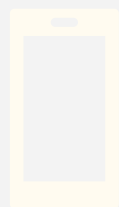
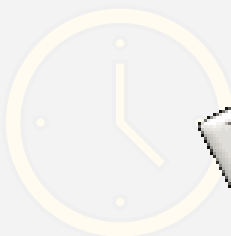
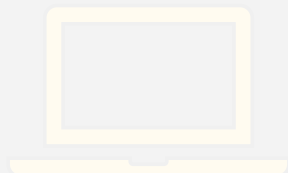
0:20

Q20. He turned **a deaf ear** to his parents' advice.

- (1) listen carefully
- (2) refused to obey
- (3) big help
- (4) attentively

SO IT'S TIME

Let's start



The doubted scientist and her vaccine

ARTICLE

revolution

one who did not enjoy confidence of others.
mock.

origin/source.

Rule → Sub(s) = Verb(s)
- continue → continues
(P)

Katalin Kariko's once-derided idea led to the genesis of two vaccines to fight COVID-19 and more

remarkable debate

struggle

clear

achievements

As the world continue to grapple with (A)/the COVID-19 pandemic, it is becoming (B)/ increasingly apparent to every country (C)/ that rapid mass vaccination is the only sure way to stop the virus in its tracks(D).

Yet, as we debate issues like vaccine inequality and vaccine nationalism,

we tend somewhat to neglect the science bit, the creation of the vaccines, which happens to be the only positive element in the

discourse about the pandemic. Indeed, the speed with which the vaccines to fight COVID-19 have been invented and tested is unparalleled in the history of medical science. And one interesting (A)

fact about this stunning feat (B)/ of science is that several (C)/women * have led it from the front(D).

* have led it from the front

NE
S₂

Start / begin.

aspire / aim

recognize
visible.

advance

These women of science have **emerged** as role models in a field of human **endeavour** that is still **perceived** as 'masculine' and is dominated by men in leading positions. Sarah Gilbert at the University of Oxford led the creation of AstraZeneca's Vaxzevria (known in India as Covishield). In the same **league** we have K. Sumathy, who **steered** the team behind Bharat Biotech's Covaxin. **Hanneke Schuitemaker, (A) / Dutch virologist, guided the (B) / development of Janssen by Johnson & Johnson. (C) / Elena Smolyarchuk at Sechenov University led the study for Sputnik V (D).**

A bold idea

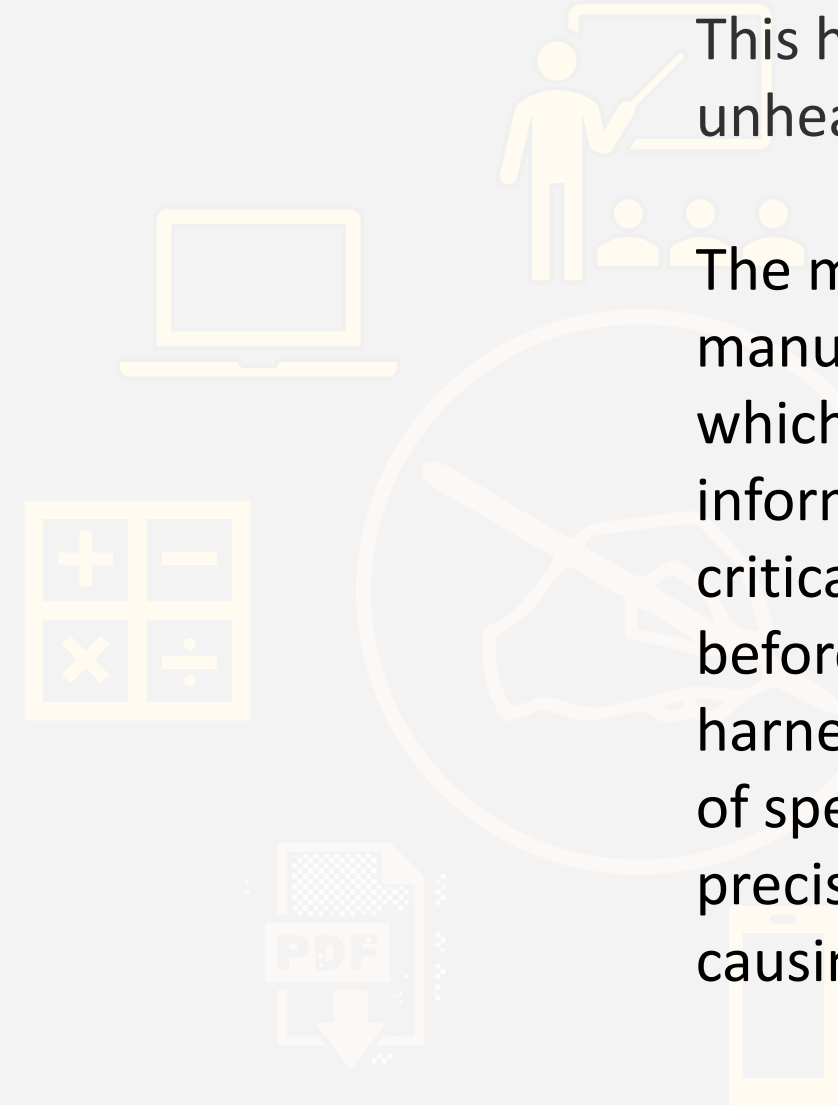
However, the scientist who should be **feted** the most for her work on developing vaccines to fight COVID-19 is Katalin Kariko (a Hungarian-origin biochemist working in the (A) / U.S. Dr. Kariko has not only led the creation of the Pfizer-BioNTech vaccine, (B) / which is one of the more effective, but in doing so, (C) / she has also invented and perfected a new technique involving a molecule called the mRNA. (D))

Q4
HW

Perceived

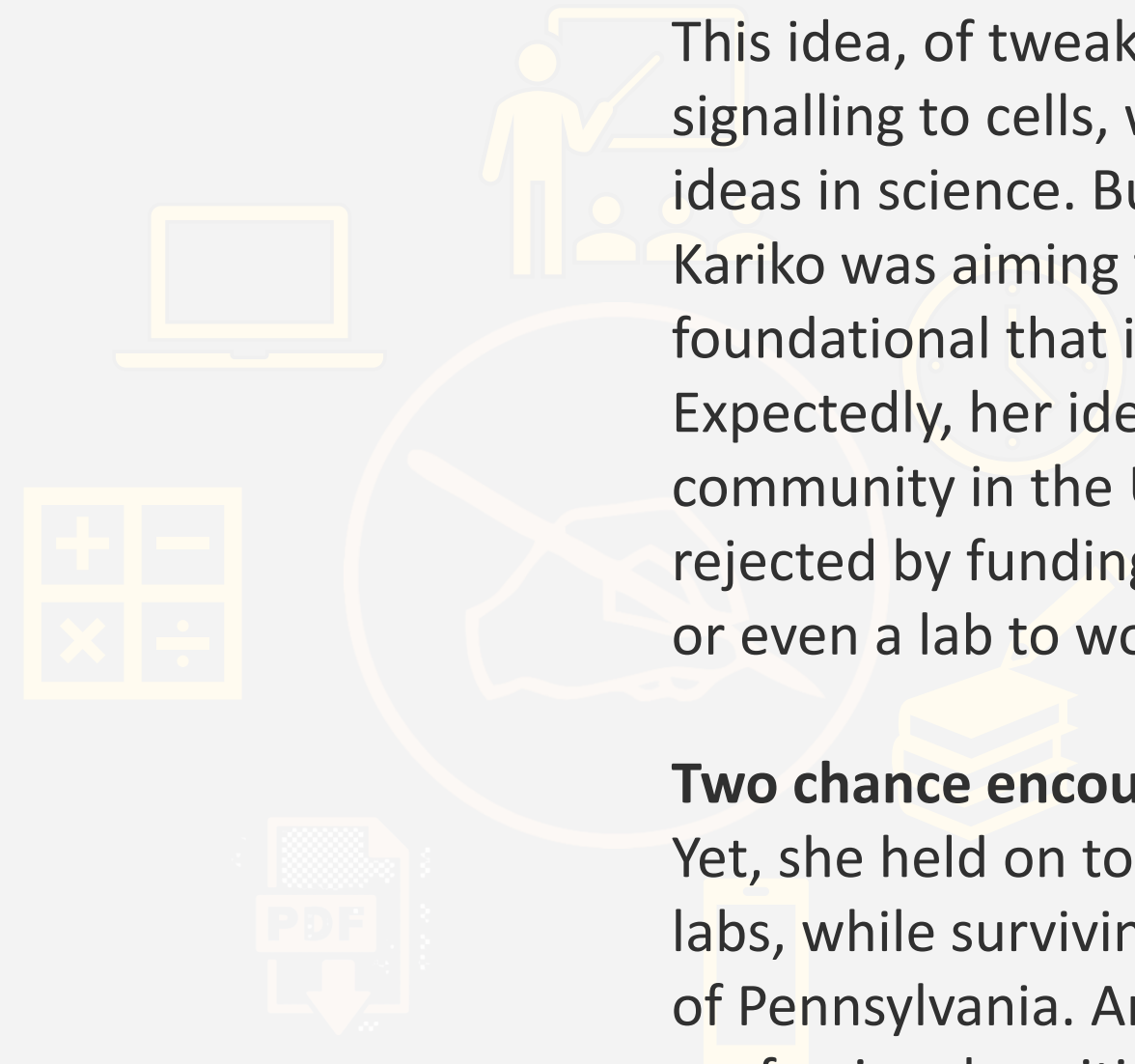
guide





This has revolutionised biotechnology, paving the way for unheard-of miracles in drug development.

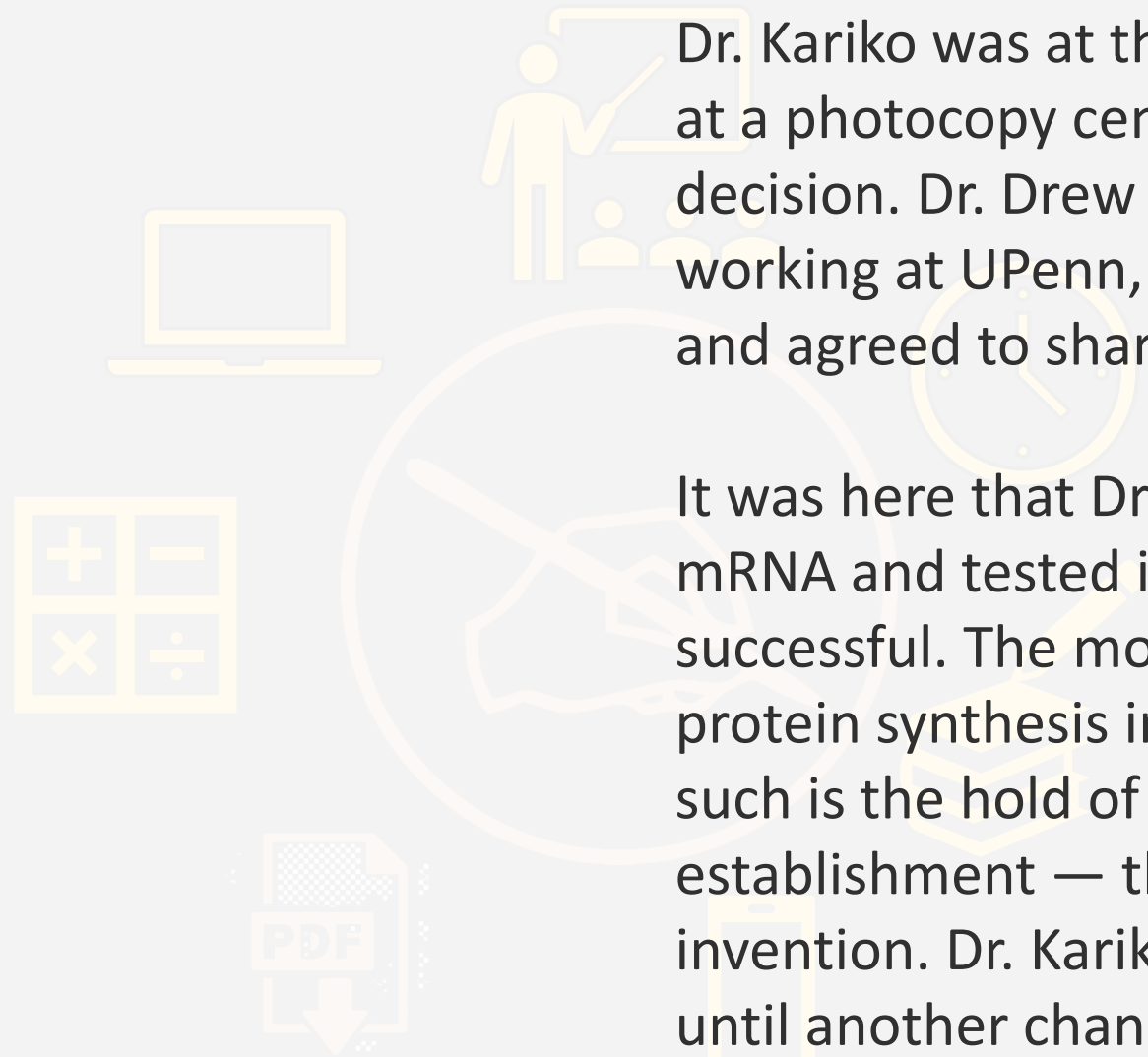
The mRNA (messenger-Ribonucleic Acid) is a molecule naturally manufactured by animal cells that gives signals to cells about which proteins to make. That is, it carries to the cells vital genetic information upon which protein synthesis, one of the most critical physiological functions, thoroughly depends. Yet, no one before Dr. Kariko thought mRNA could be modified in labs to harness their code-carrying ability for triggering the manufacture of specific proteins by cells — proteins that would generate precise antibodies needed to fight particular antigens or disease-causing micro-organisms.



This idea, of tweaking the ‘message’ in the mRNA for customised signalling to cells, was simple and logical, like many breakthrough ideas in science. But it was also stunningly bold. In effect, Dr. Kariko was aiming to play God with a cellular function so foundational that it has always been taken for granted. Expectedly, her idea was treated by the whole scientific community in the U.S. as odd and improbable. It was repeatedly rejected by funding bodies, and Dr. Kariko struggled to get a grant or even a lab to work consistently on the mRNA.

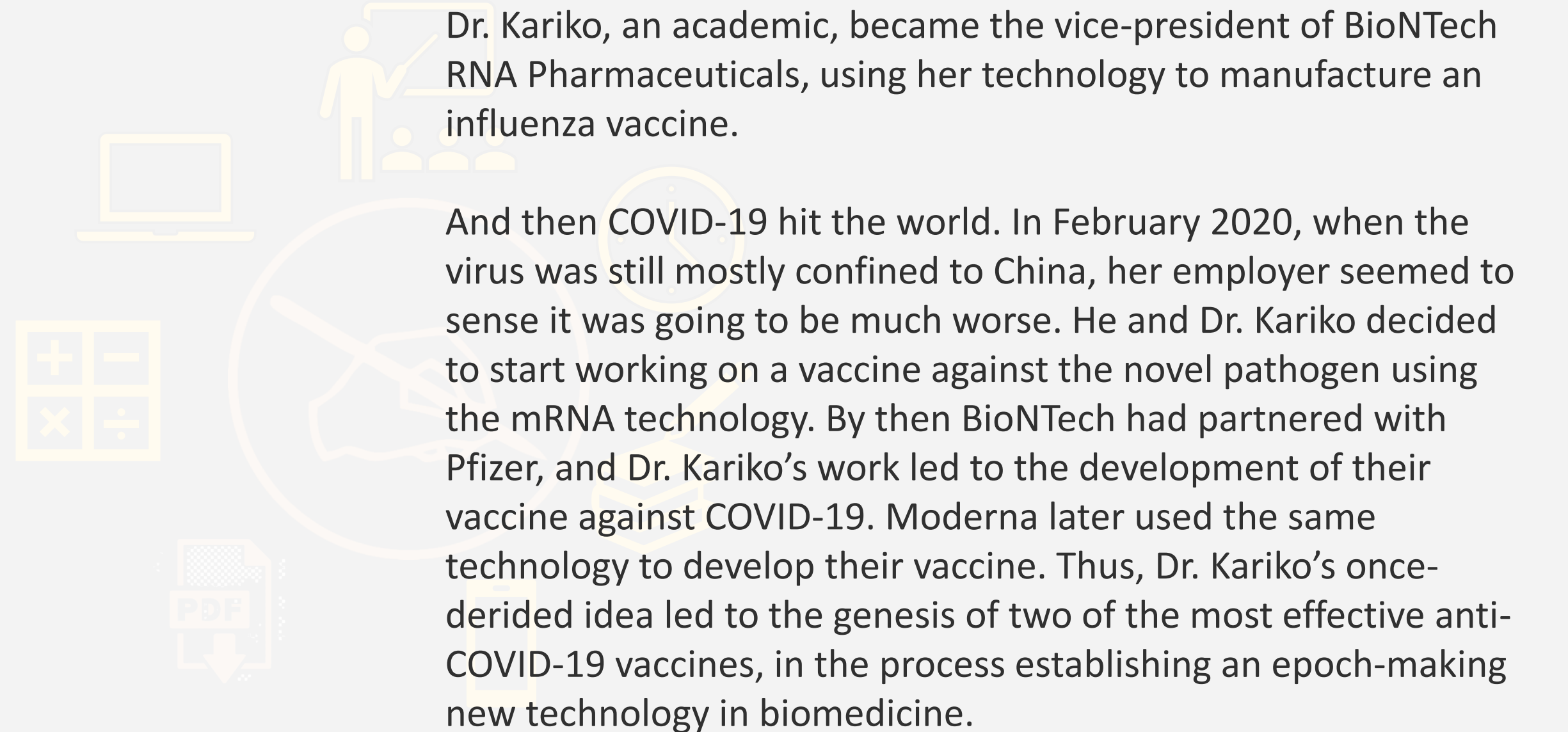
Two chance encounters

Yet, she held on to her idea, working on it sporadically in shared labs, while surviving on a low-end, insecure job at the University of Pennsylvania. And this — the lack of grants or a solid professional position — meant more rejections and more isolation.



Dr. Kariko was at the point of giving up when a chance encounter at a photocopy centre one morning in 1998 changed her decision. Dr. Drew Weissman, an influential biotechnologist working at UPenn, was moderately impressed by Dr. Kariko's idea and agreed to share his lab and other resources with her.

It was here that Dr. Kariko honed the technology to modify the mRNA and tested it on mice. After an initial hiccup, she was successful. The modified mRNA was able to trigger targeted protein synthesis in mice with no negative side effects. Yet — such is the hold of convention and status on the scientific establishment — there was hardly any excitement around the invention. Dr. Kariko remained where she was and what she was until another chance meeting at a conference with Uğur Şahin, the CEO of BioNTech.

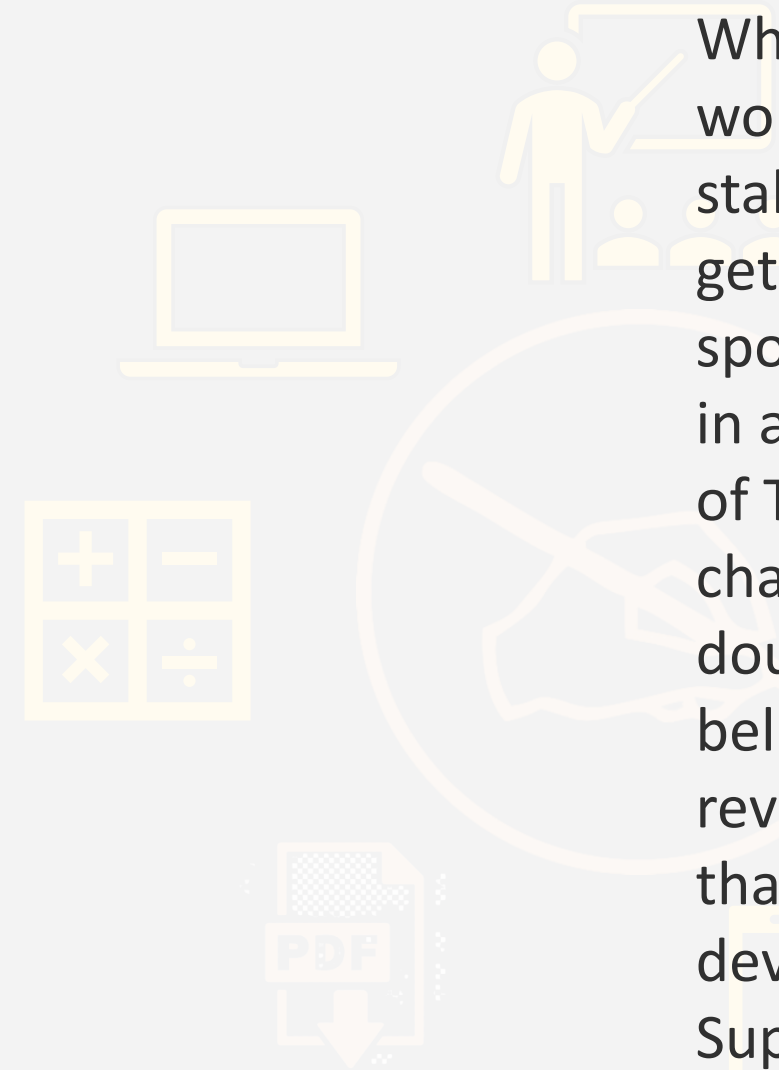


Dr. Kariko, an academic, became the vice-president of BioNTech RNA Pharmaceuticals, using her technology to manufacture an influenza vaccine.

And then COVID-19 hit the world. In February 2020, when the virus was still mostly confined to China, her employer seemed to sense it was going to be much worse. He and Dr. Kariko decided to start working on a vaccine against the novel pathogen using the mRNA technology. By then BioNTech had partnered with Pfizer, and Dr. Kariko's work led to the development of their vaccine against COVID-19. Moderna later used the same technology to develop their vaccine. Thus, Dr. Kariko's once-derided idea led to the genesis of two of the most effective anti-COVID-19 vaccines, in the process establishing an epoch-making new technology in biomedicine.

Lessons from the invention

Dr. Kariko's brilliance as an innovator underscores the point that women can be as good as men in science — a point that should have been well-established by now, but which is hardly the accepted view among people even in the Western world. Her revolutionary invention, one hopes, would go some way in negating sexist assumptions about women in science, not many of whom achieve such spectacular success but all of whom contribute to the collective endeavour of human science. Dr. Kariko's career, moreover, should have a lesson for all systems of power everywhere — that when some idea challenges the norms or conventions of a system, it is the system that needs to stretch itself in order to give it a chance. Entrenched conventionality is the bane of all human endeavours, and especially of science, which is synonymous with progress.



When Dr. Kariko was invited to a vaccination site for health workers at UPenn, in December 2020, the otherwise emotionally stable woman was moved by the sight of the big crowd waiting to get a shot of her vaccine. And when the doctors broke into spontaneous clapping as she and Dr. Weissman walked past them in a hall, she gave in and “cried a bit” in joy, she told Gina Kolata of The New York Times. Her life’s dream, which she had been chasing since she was 22, was finally realised, and a long saga of doubt, implied insult, and unrewarded toil had come to an end. I believe Dr. Kariko deserves the Nobel Prize in Medicine for her revolutionary idea and her incredible hard work. Hers is an idea that has opened up the scope for endless possibilities in drug development.

Suparna Banerjee is an academic and commentator based in Bengal



Makendra's



THE HINDU
VOCABULARY

1) derided (verb)

हंसी उड़ाना—ridicule, mock, make fun of

2) Genesis (noun)

उत्पत्ति—origin, source, root, beginning, commencement

3) grapple (verb)

सामना करना—wrestle, struggle, tussle, fight

4) apparent (adj)

स्पष्ट—clear

5) Discourse (noun)

भाषण-discussion, conversation, talk, dialogue

6) stunning (adj)

अद्भुत-remarkable, extraordinary, staggering, incredible

7) feat (noun)

उपलब्धि-achievement, accomplishment, attainment

8) emerged (verb)

उभरना-come out, appear, turn up



9) endeavour (verb)

प्रयत्न करना- aspire, aim, seek, try



10) perceived (adj)

कथित- discern, recognize



11) league (noun)

संयोग- alliance, federation, union, association



12) steered (verb)



मार्ग दिखाना-guide, direct, manoeuvre, navigate

13) feted (verb)

कुख्यात- defamed, libeled, maligned, slandered

14) devious (adjective)

कपटी- deceitful/ duplicitous/ insidious

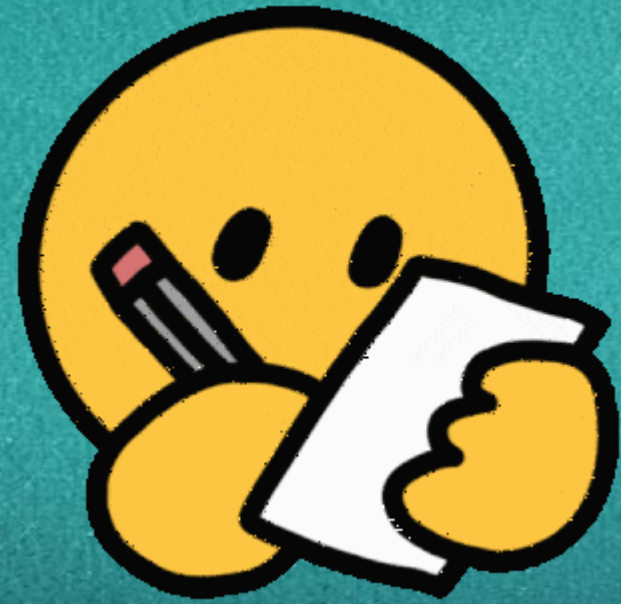
15) notched (verb)

खाँचेदार- mark/incise/engrave

16) rig (verb)

वस्त्र पहनना- dress/ equip/ furnish

Homework



1) ESCHEW (VERB):

(त्याग करना): give up

2) RADICAL (ADJECTIVE):

(विस्तृत): thoroughgoing

3) RELISH (NOUN):

(प्रसन्नता): gusto

4) PRODIGIOUS (ADJECTIVE):

(विलक्षण): enormous

5) INCARCERATE (VERB):

(कैद कर देना): imprison

behind the bars.

6) GALL (VERB):

(खिजाना): irritate

7) GARRULOUS (ADJECTIVE):

(बातूनी): talkative

8) ABET (VERB):

(सहायता करना): assist

9) RUDIMENTARY (ADJECTIVE):

(अपरिष्कृत): primitive

10) FABRICATE (VERB):

(निर्माण करना): make



UPCOMING ONLINE BATCHES

August 2021

04 AUG 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(BANK PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

07:30 PM to 09:30 PM

LIVE CLASS COURSE
(MATHS)

03:00 PM to 05:00 PM

LIVE CLASS COURSE
(UP SI)

BILINGUAL

11 AUG 2021

01:00 PM to 03:00 PM

LIVE CLASS COURSE
(TET & CTET)

05:30 PM to 07:30 PM

LIVE PREMIUM GREEN CARD
(BANK PO & CLERK)

08:00 AM to 10:00 AM

LIVE CLASS COMPLETE COURSE
(SSC GD)

BILINGUAL

18 AUG 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK PO & CLERK)

01:00 PM to 03:00 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

25 AUG 2021

07:30 PM to 09:30 PM

LIVE PREMIUM GREEN CARD
(BANK PO & CLERK)

BILINGUAL

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