

A blue-tinted photograph of a calm sea at dusk or dawn. The horizon is visible in the distance, and a small boat with a light is visible on the horizon. The water is still, and the sky is a uniform blue color.

<https://www.youtube.com/watch?v=7Hk9jct2ozY>
DNA animations 7 min

Welcome to ILC Science Night II

Why Evolution is Dead—and Dying in Academia

DNA and Modern Microbiological Discoveries

Last time

- How to detect scientific lies
 - Intentional act to mislead or deceive
 - They omit statistical proof (skip the knowledge level)
- Hans added that presentation to the web page
 - Slide show
 - Video
- I did finish my own statistical analysis and **KNOWLEDGE** level proof
 - Want to read it?
 - Reid.Reasor@gmail.com

Why Evolution is Dying

Part 1 of 3: DNA

- Define what “evolution” is today (1880’s science!)
- Deconstruct that definition with modern research findings (only DNA and cells)
 - DNA Replication and Repair
 - Immune System Actions
 - End results of “evolution” today
- Snark and Barks of Today

Resources

- Several hundred complementary medical and chemist journal articles
 - I picked six
- If I were to do this “right,” I would cite each journal article each time we referenced it
 - “According to Doctors Ball, Blackwell, and Hanna, et al, 2014, the DNA itself is a ...”



ELSEVIER

DNA Repair

journal homepage: www.elsevier.com/locate/dnarepair



The Rad5 helicase activity is dispensable for error-free DNA post-replication repair



Lindsay G. Ball^{b,1}, Xin Xu^{a,1}, Susan Blackwell^b, Michelle D. Hanna^b,
Amanda D. Lambrecht^b, Wei Xiao^{a,b,*}

^a College of Life Sciences, Capital Normal University, Beijing 100048, China

^b Department of Microbiology and Immunology, University of Saskatchewan, Saskatoon, SK, Canada

Ball LG, Xu X, Blackwell S, Hanna MD, Lambrecht AD, Xiao W. The Rad5 helicase activity is dispensable for error-free DNA post-replication repair. *DNA Repair (Amst)*. 2014 Apr;16:74-83. doi: 10.1016/j.dnarep.2014.02.016. Epub 2014 Mar 13. PMID: 24674630.



Contents lists available at [ScienceDirect](#)

DNA Repair

journal homepage: www.elsevier.com/locate/dnarepair



DR-GAS: A database of functional genetic variants and their phosphorylation states in human DNA repair systems



Manika Sehgal, Tiratha Raj Singh*

Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology (JUIT), Waknaghat, Solan, HP 173234, India

Sehgal M, Singh TR. DR-GAS: a database of functional genetic variants and their phosphorylation states in human DNA repair systems. *DNA Repair (Amst)*. 2014 Apr;16:97-103. doi: 10.1016/j.dnarep.2014.01.004. Epub 2014 Feb 16. PMID: 24548788.

Oncogenic stress sensed by the immune system: role of natural killer cell receptors

David H. Raulet and Nadia Guerra

Abstract | A growing body of research is addressing how pathways that are dysregulated during tumorigenesis are linked to innate immune responses, which can contribute to immune surveillance of cancer. Components of the innate immune system that are localized in tissues are thought to eliminate early neoplastic cells, thereby preventing or delaying the establishment of advanced tumours. This Review addresses our current understanding of the mechanisms that detect cellular stresses that are associated with tumorigenesis and that culminate in the recognition and, in some cases, the elimination of the tumour cells by natural killer cells and other lymphocytes that express natural killer cell receptors.

Raulet DH, Guerra N. Oncogenic stress sensed by the immune system: role of natural killer cell receptors. *Nat Rev Immunol*. 2009 Aug;9(8):568-80. doi: 10.1038/nri2604. PMID: 19629084; PMCID: PMC3017432.



ELSEVIER

available at www.sciencedirect.com



journal homepage: www.elsevier.com/locate/bihy



The immune system as key to cancer treatment: Triggering its activity with microbial agents

Marina Resendes de Sousa António, Dirk Schulze-Makuch*

School of Earth and Environmental Sciences, Webster Hall 1148, Washington State University, Pullman, WA 99164, USA

Received 10 August 2009; accepted 18 August 2009

Walther-António, Marina & Schulze-Makuch, Dirk.
(2009). The immune system as key to cancer
treatment: Triggering its activity with microbial agents.
Bioscience Hypotheses. 2. 388-392.
[10.1016/j.bihy.2009.08.003](https://doi.org/10.1016/j.bihy.2009.08.003).

Cancer as an evolutionary and ecological process

*Lauren M.F. Merlo**, *John W. Pepper[†]*, *Brian J. Reid[§]* and *Carlo C. Maley**

Abstract | Neoplasms are microcosms of evolution. Within a neoplasm, a mosaic of mutant cells compete for space and resources, evade predation by the immune system and can even cooperate to disperse and colonize new organs. The evolution of neoplastic cells explains both why we get cancer and why it has been so difficult to cure. The tools of evolutionary biology and ecology are providing new insights into neoplastic progression and the clinical control of cancer.

Merlo LM, Pepper JW, Reid BJ, Maley CC. Cancer as an evolutionary and ecological process. *Nat Rev Cancer*. 2006 Dec;6(12):924-35. doi: 10.1038/nrc2013. Epub 2006 Nov 16. PMID: 17109012



ELSEVIER

Seminars in Cancer Biology 16 (2006) 344–347

seminars in
CANCER BIOLOGY

www.elsevier.com/locate/semcancer

Review

The DNA damage response, immunity and cancer

Stephan Gasser, David Raulet*

Department of Molecular and Cell Biology and Cancer Research Laboratory, University of California, Berkeley, CA 94720-3200, USA

Gasser S, Raulet D. The DNA damage response, immunity and cancer. *Semin Cancer Biol.* 2006 Oct;16(5):344-7. doi: 10.1016/j.semcancer.2006.07.004. Epub 2006 Jul 7. PMID: 16914325.

ON
THE ORIGIN OF SPECIES

BY MEANS OF NATURAL SELECTION.

OR THE
PRESERVATION OF FAVOURED RACES IN THE STRUGGLE
FOR LIFE.

By CHARLES DARWIN, M.A.,

FELLOW OF THE ROYAL, GEOLOGICAL, LINNEAN, ETC., SOCIETIES;
AUTHOR OF 'JOURNAL OF RESEARCHES DURING H. M. S. BEAGLE'S VOYAGE
AROUND THE WORLD.'

LONDON:
JOHN MURRAY, ALBEMARLE STREET.
1859.

The right of Translation is reserved.

“Evolution Resources”. Washington, DC: National Academies of Sciences, Engineering, and Medicine. 2016. Archived from the original on 2016-06-03.

What is “evolution” today?

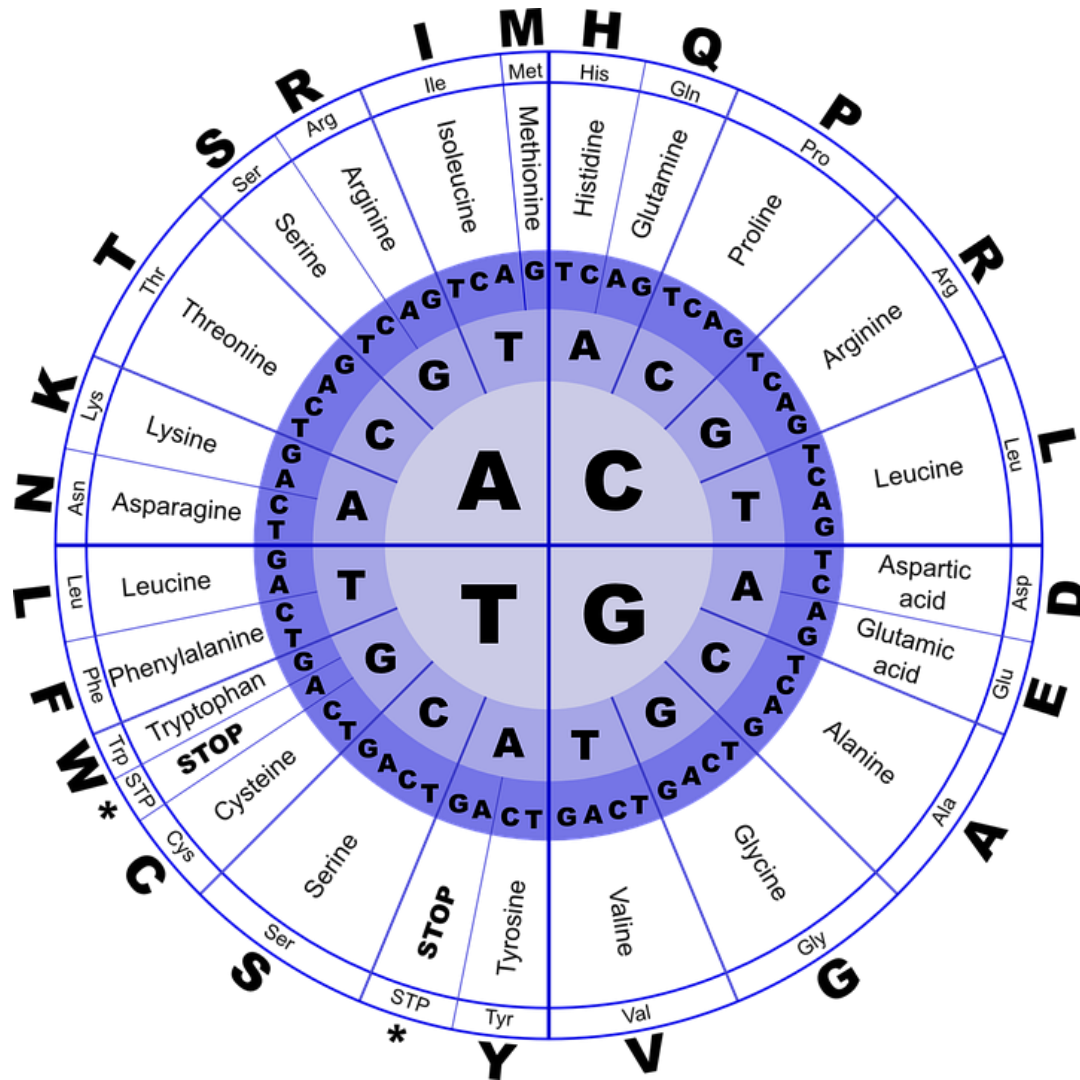
- All life on Earth
 - Common ancestor
 - 3.5–3.8 billion years ago
- Different characteristics result from mutation, genetic recombination, and other sources of genetic variation
- Change in the heritable characteristics over successive generations
- Genes are passed on from parent to offspring during reproduction
- Natural selection

Evolution Resources Washington, DC: National Academies of Sciences, Engineering, and Medicine. 2016. Archived from the original on 2016-06-03.

Genes are woven DNA

- Digital programming in an analog body
- Every cell has the exact same DNA
- Not a recording system
- DNA ITSELF: four nucleotides attachment with four different potential values
 - 256-Bit Operating System
 - The gene short strand has 1 terabyte of data

256-Bit Operating System



DNA Replication

- DNA in each cell gets copied
- How cells replicate:
 - Explanation <https://youtu.be/TNKWgcFPHqw>
 - Animation <https://youtu.be/v8gH404a3Gg>

OK, if that's not all that impressive?

- Here are the knee-dropping events:
 - When there are mutations/errors
 - DNA REPAIRS ITSELF
 - Explanation <https://youtu.be/vP8-5Bhd2ag?t=7>
 - Animation (18 sec to 1:35)
https://youtu.be/2yI_SoOWFMU?t=15

DNA Repair System

- DNA
 - 256-Bit Operating System
 - The chromosome short strand has 1 terabyte of data
- The REPAIR systems (RAD5 HELICASE)
 - 256-bit memory of desired DNA
 - Compares the 256-bit strand by 256-bit potential errors
 - Selects the correction needed
 - Does the repair itself
 - 4096-Bit Operating system

RAD5 HELICASE

- Most important microbiological discovery in the history of the world
 - WE HAVE NO IDEA HOW IT WORKS!
- Listen to the amazement!
 - Cell division
https://youtu.be/X_tYrnv_o6A?t=189
- Listen to the arrogance!
 - Need to MAKE mechanical machines
 - Better than what is already there (God!)
- How could that “just happen”?

Our DNA has more mistakes than DNA of our ancestors

- SUMMARY OF THE DNA SECTION
 - It repairs itself: 4096-bit Operating DIGITAL system
 - We have NO idea how
 - Scientists are AMAZED at what they see
 - Never seen a more complex cell post mutation
 - “Intelligent Design” is becoming popular
- Human DNA is becoming weaker
 - Four in every 10 million replications have an error that makes it past RAD5 HELICASE
- How does our immune system respond?
 - Boost your immune system!
 - Antioxidants

A blue-tinted photograph of a calm sea at dusk or dawn. The horizon is visible in the distance, with a small boat or structure on the water. The text "Questions/Comments to this point?" is overlaid in yellow in the center of the image.

Questions/Comments to this point?

Immune system

- Distributed decentralized storage and control
 - Communicates all through the body themselves
 - It has killers
 - Neutrophils
 - Designer killers (Cytotoxic, Memory, Helper, Regulating T cells, etc.)
 - <https://youtu.be/qkIfYwnaYgc?t=683>
 - Pretty Complex!
 - Cytotoxic T cells (the bulldozers)
 - Tenacious! <https://youtu.be/ntk8XsxVDi0?t=3>

What happens then?

- Once in a while, the immune system can't kill it
- We've all heard them hint at it, earlier
 - **NOT CALLED "EVOLUTION"**
IT IS CANCER
- Explain the definition of cancer
 - Mutated DNA that:
 - Is NOT repaired by the RAD5 HELICASE
 - Evades the immune system
 - Grows into blobs
- "Cancer is a disease of clonal evolution within the body."
- "Cancer cells are the result of the evolutionary process."

Evolution

Passing of mutated genes can cause cancer

https://youtu.be/2yI_SoOWFMU?t=93

How can millions of years of cancer create all life from one common ancestor?

Entropy is a law
Enthalpy is a law

A blue-tinted photograph of a calm sea at dusk or dawn. The horizon is visible in the distance, with a small boat or structure on the water. The text "Questions/Comments to this point?" is overlaid in yellow in the center of the image.

Questions/Comments to this point?

Deconstruct Definition of “Evolution”

- All life on Earth
 - Common ancestor
 - 3.5–3.8 billion years ago
 - DNA regression has us no older than 200,000 years
- Different characteristics result from mutation, genetic recombination, and other sources of genetic variation
 - Called CANCER
- Change in the heritable characteristics of over successive generations
 - Passing cancer genes causes CANCER
- Genes are passed on from parent to offspring during reproduction
 - DNA is split in sexual reproduction only ½ strand with non-mutated strand
- Natural selection
 - We are getting weaker intellectually and physically

“Intelligent Design” Snark and Barks

- But over millions and millions of years ... !
 - DNA regression has us no older than 200,000 years
 - We are getting less intelligent over time
 - More cancer over time
 - More immune system malfunctions
- “Eve” was found in 1991
- “Adam” was also found
- But what about NOAH ... ? (daughters-in-law)

More Snark and Barks

- We have dinosaurs!
 - I need jet fuel
- Cat mutation to curly fur!
 - No MUTATION has ever been seen being more complex
 - Cancer of the cat
 - Not more complex; regression of function
- What about the Galapagos islands?
 - Hungry short neck turtles leave

How can I answer them?

- 4096-Bit Digital Operating System
REPAIRS the DNA; when that fails ...
- Your immune system kills it; when that fails
...
- You get **CANCER**

Why isn't there a retraction?

- Academia doesn't do that
 - Eugenics 1920
 - Planned Parenthood
- Fake binary
 - God or Science
- Fear in academia

What are they doing now?

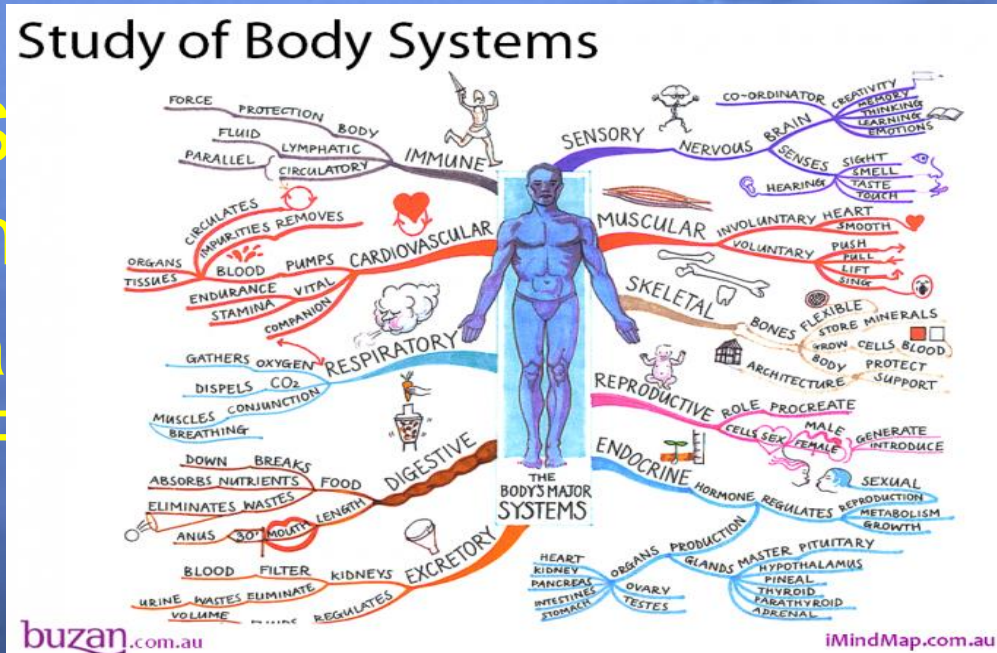
- Looking for another source of our DNA
- Suppress the DNA regression evidence:
 - Six continents
 - ADAM and EVE
 - Time regression

Next Time

Why Evolution is Dead: Part 2

- Part 2: Human body systems

- Part 3: S
intelligen
– Gravita
G1G2/F



A small boat with a light on the water at night, creating a reflection on the dark blue surface.

DISCUSSION, PLEASE

Gene Manipulation?

Designer babies?

RAD5HELICASE to do?

Immune System to do?