

Immunology and Contemporary Medicine

What sort of science do we need today?

- Ἴατρέ, θεράπευσον σεαυτόν ΚΑΤΑ ΛΟΥΚΑΝ 4:23
- υποκριτα εκβαλε πρωτον την δοκον εκ του οφθαλμου σου και τοτε διαβλεψεις εκβαλειν το καρφος εκ του οφθαλμου του αδελφου σου ΚΑΤΑ ΜΑΤΘΑΙΟΝ 7:5

Epistemes and Paradigms

Foucault and Kuhn

Which medical paradigms best address bodies today?

- Diseases of Affluence
- Non-Communicable Disease
- Chronic Disease

How to do Immunology

- Small Immunology
- Theoretical Pluralism (Feyerabend)
- Philosophical Space for Depth and Disagreement
- Adding depth to the (mis)informative simpliciations of media science communication (ie. vaccines)

Beacons

- Immunologist-Philosophers
- Theoretical Immunologists
- (Minor) Researchers

Immunologist-Philosophers

- Tauber - Surveys Immunological Theories, Ethical/General Philosopher
- Medawar - Immune Tolerance, Essay-Critiques, Epistemology
- Haraway - Animal Biologist who highlights contemp importance of immunology, technology etc
- Holub - Poet-Immunologist

- not Baudrillard / Derrida - starting to metaphorize the terms (Sokal/Bricmont - can become detrimental to the left, and to a practice-oriented idea of science and its terms, particular to its referents)

Theoretical Immunologists

- Polly Matzinger - Danger Model
- Niels Jerne - Network Model
- Burnett - Clonal Selection, Self

(Minor) Researchers

- Paul Ehrlich - horror autotoxicus
- Landsteiner - haptens (1917), anaphylaxis (1902)
- Clemens von Pirquet & Bela Schick - reacted more to second smallpox injection, hypersensitivity (coined allergy 1905)

Contemporary Paradigms + Small Hacker Model =

- Education
- Material Knowledge
- Community Projects
- Small Initiatives (grant/kickstarter/etc)