

Contagion: An Infectious Diseases Podcast

Season 1, Episode 7

“Dr. Robert Gallo: Insights from a Lifetime in Science”

And the Band Played On (Book)

Available at the Internet Archive: [and the band played on : Free Download, Borrow, and Streaming : Internet Archive](#)

And the Band Played On (Movie)

Available for streaming on YouTube: <https://youtu.be/r-mmVj-s9SQ?si=eWMvVxt5lrndtlyY> (free)

Also available on Max: <https://www.max.com/movies/and-the-band-played-on/c42cfc42-8b03-47bd-aab4-04ce437c4e3c> (Subscription required)

Gallo paper which described his method for growing T cell lymphocytes (T-Cell Growth Factor):

<https://doi.org/10.1126/science.181845> (1976)

Gallo Paper describing the purification of T-Cell growth factor (IL-2): [Purification and some characteristics of human T-cell growth factor from phytohemagglutinin-stimulated lymphocyte-conditioned media. | PNAS](#) (1980)

Gallo paper describing the isolation of Human T cell Lymphotropic Virus from Lymphocytes of a lymphoma patient: [Detection and isolation of type C retrovirus particles from fresh and cultured lymphocytes of a patient with cutaneous T-cell lymphoma | PNAS](#) (1980)

Four Papers published in Science demonstrating that the virus they initially identified as HTLV-III was the cause of AIDS (1984)

- Popovic M, Sarngadharan MG, Read E, Gallo RC (May 1984). "Detection, isolation, and continuous production of cytopathic retroviruses (HTLV-III) from patients with AIDS and pre-AIDS". *Science*. **224** (4648): 497–500. [Bibcode:1984Sci...224..497P](#). [doi:10.1126/science.6200935](#). [PMID 6200935](#).
- Gallo RC, Salahuddin SZ, Popovic M, Shearer GM, Kaplan M, Haynes BF, Palker TJ, Redfield R, Oleske J, Safai B, et al. (May 1984). "Frequent detection and isolation of cytopathic retroviruses (HTLV-III) from patients with AIDS and at risk for AIDS". *Science*. **224** (4648): 500–3. [Bibcode:1984Sci...224..500G](#). [doi:10.1126/science.6200936](#). [PMID 6200936](#).
- Schüpbach J, Popovic M, Gilden RV, Gonda MA, Sarngadharan MG, Gallo RC (May 1984). "Serological analysis of a subgroup of human T-lymphotropic retroviruses (HTLV-III) associated with AIDS". *Science*. **224** (4648): 503–5. [Bibcode:1984Sci...224..503S](#). [doi:10.1126/science.6200937](#). [PMID 6200937](#).
- Sarngadharan MG, Popovic M, Bruch L, Schüpbach J, Gallo RC (May 1984). "Antibodies reactive with human T-lymphotropic retroviruses (HTLV-III) in the serum of patients with AIDS". *Science*. **224** (4648): 506–8. [Bibcode:1984Sci...224..506S](#). [doi:10.1126/science.6324345](#). [PMID 6324345](#).

Paper describing the isolation of a new virus subsequently determined to be HHV-6:

<https://doi.org/10.1126/science.2876520> (1986)

Paper describing the discovery of chemokines and their role as potent and specific HIV inhibitors:
<https://doi.org/10.1126/science.270.5243.1811> (1995)

Episode Break Music:

First Break:

“Streets of Philadelphia” by Bruce Springsteen

Second Break:

“Your Song” by Elton John

Covers performed by **Job Meillor**

Closing Music:

“Crossing the Rubicon” (Jakob Ahlbom)

Available on Epidemic Sound (www.epidemicsound.com)