

## Humanics: All-For-One-One-For-All

The Elleesium: England: UK: Year Ninth: Day 01: Sunday: September 24: 2023: Cogito Ergo Sum: Descartes

### **|| Pharmacology || New Study Finds Metformin's Extended Reach to Offer a Treatment Option for Neuro-developmental Disorder Periventricular Heterotopia ||**



|| Sunday: September 24: 2023 || ᾰ. An international research team has shed light on the underlying mechanisms of a brain abnormality, Periventricular Heterotopia:PH, that occurs during human foetal development. By uncovering these hidden mechanisms, scientists could, potentially, design new strategies to better understand and, may, find new therapeutics to treat the condition.

PH is a neuro-developmental condition, that's characterised by an abnormal migration of neuronal cells. These cells end up clustering around ventricles, the cavities of the brain. The disorder becomes apparent with recurrent seizures. It is genetically heterogenous, meaning that mutations in distinct genes may lead to PH. The collaborative research team, led by the University of Ottawa's Dr Armen Saghatelian, aimed to uncover the migratory mechanisms of grafted human neuronal progenitor cells, derived from PH patients in the brains of an immune-deficient mouse model.

They wanted to test the hypothesis that changes in autophagy, that is a kind of cellular recycling process in which a cell turns on itself to discard unwanted material, which impacts the neuronal cells' abnormal migratory behaviours. What they discovered was highly compelling. With rigorous experiments, using the FDA-approved drug Metformin to modulate autophagy, the researchers were able to restore the migratory properties of neuronal cells, derived from PH patients.

The research found that Metformin restored the cells' migratory properties by triggering autophagy. Metformin is a commonly prescribed drug. The oral medication was introduced decades ago and is a first-line treatment for Type Two Diabetes, helping people improve their blood-sugar control and sensitivity to insulin.

“Since Metformin is already used for the treatment of diabetes and in paediatric clinical trials, our results open up the possibility of pharmacological interventions in PH patients to counteract, at least partially, the migratory deficits of neuronal cells, causing a critical malformation.” says Dr Saghatelian, who was recently named Canada Research Chair in post-natal neurogenesis and is a professor in the Department of Cellular and Molecular Medicine.

“We hope that our findings may pave a way for pharmacological intervention in PH patients to counteract the migratory deficits of neuronal cells, induced by PH-inducing genetic mutations.”

Prior to this Study, the underlying mechanisms of PH neuronal cell migration was unknown. It was, also, totally unclear whether migratory deficits might be restored by modulating other pathways not affected by the genetic mutations.

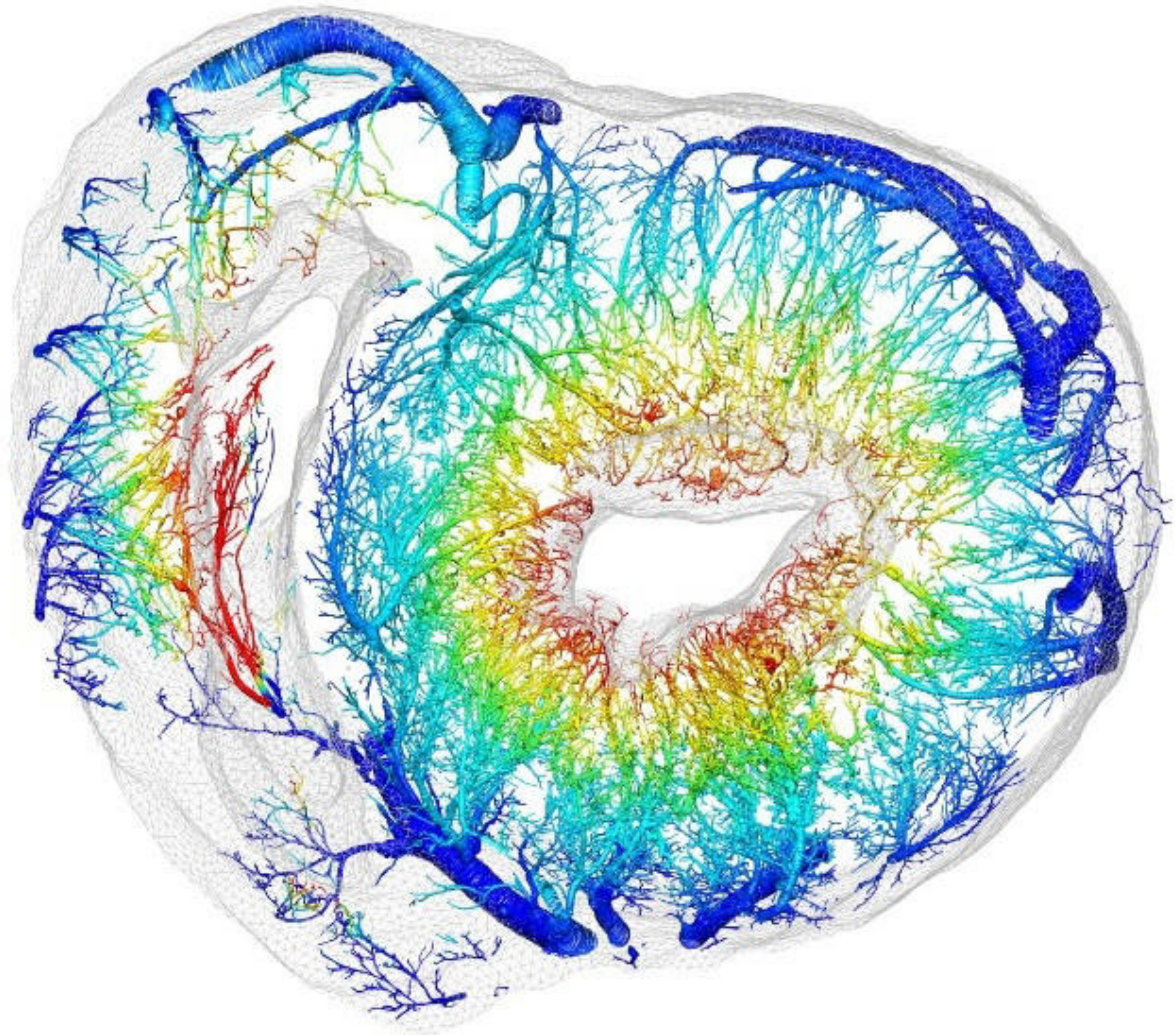
The research has been published recently in the journal EMBO Molecular Medicine. Professor Saghatelian served as the Study's Senior Author. Cedric Bressan, a PhD student in his lab, is the First Author. Professor Saghatelian says that the core component of the research was the development of strategies to transplant human neuronal cells into the brains of immune-deficient mice and using various live imaging approaches to monitor their dynamics and migratory characteristics. This work started eight years ago, first in his lab at Université Laval and later at his lab at the University of Ottawa.

Additional groups involved in this work were laboratories of Dr Stephen Robertson, of the University of Otago in New Zealand, Dr Silvia Cappello, at the Max Planck Institute of Psychiatry in Germany and Dr Martin Parent, at the Université Laval.

The researchers are currently working with clinicians to interrogate clinical datasets and assess, if there are cases when Metformin has been given to mothers of PH patients during their pregnancy to treat pregnancy-induced diabetes. And, if so, they seek to figure out how it impacted the migration of neuronal progenitors and their accumulation around the ventricles. “The details could have a direct impact on the development of new strategies for the treatment of this disorder and highly accelerate the transition for clinical trials to cure PH.” Professor Saghatelian says.

|| Readmore at [thehumanion.com/Medicine.htm](http://thehumanion.com/Medicine.htm) || [reginehumanicsfoundation.com](http://reginehumanicsfoundation.com) || 240923 ||

# Humanics: All-For-One-One-For-All



|| Selfishness Is the Most Definitive Way to, Absolutely, Harm One's Very Own Self, As Well As, Everyone and Everything Else: In Other Words, Selfishness Is Nothing But Absolute, Complete and Comprehensive Absence of Questioning or Thoughtfulness or Consideration, Which Makes Us Think and That, Thus, Enables Us to Reach the Rational Base and Foundation in Life and in Existence: This Means That Selfishness, Actually, Is a Terminal Enemy of the Agency of the Human Mind, Which It Keeps on Tearing Away and Apart by Being Devoid of Questioning and Thoughtfulness Because the Very Agency of the Human Mind Is a 'Structure', Created by the Architectonics of the Architecture of Human Rationality, Which Requires a Human Agency of the Human Mind to Put It to Use by Thinking, Questioning, Consideration, Analysing, Learning and Developing, All of Which Selfishness Terminates: Humanics: Humanics: All-For-One-One-For-All ||

# || Humanics: Humanity Naturele: An Infinity Unfolding Itself ||



The Humanics Elleesium Declaration 2019: The Humanicsxian Manifesto: Munayem Mayenin: ISBN: 978-0-244-76474-6: Published: April 06: 2019: The Manifesto can be read at <https://thehumanion.com/TheHumanicsElleesiumDeclaration2019TheHumanicsxianManifesto.htm> :: The Humanics Elleesium Declaration 2019: The Humanicsxian Manifesto: Munayem Mayenin: ISBN: 978-0-244-76474-6: Published: April 06: 2019 <https://thehumanion.com/TheHumanicsElleesiumDeclaration2019TheHumanicsxianManifesto.htm> ::

For more on Humanics As a School of Philosophy, please, visit

<https://reginehumanicsfoundation.com>

|| The Larin Paraske Maxim Or Oath: To Do No Harm to Anyone Or Anything ||



<https://thehumanion.com/PDFs/TheLarinParaskeMaximOrOathMunayemMayeninPublishedMarch13-2020.pdf>

## Humanicsxian Economics



## What Is Humanicsxian Economics

Say: I Carry the Infinities of Making All Beings Happy:

Say: I Commit to Organise the Largest Feast For All Humanity Where Each and Every Human Soul Sit at the Same Table of Liberty and Equality to Eat and Drink From the Bounties of This Mother Earth and of the Human Works and Labours:

Say: I Commit to An Economics That Is Clean Green Circular and Sustainable:

Say: I Commit to an Economics That Does No Harm to Anyone or Anything:

Say: I Commit to Establish an Economics That Is Founded on Moral Science So That Humanity Is Let to Be and Do Nothing But Humanity Nature: Being and Doing an Infinity of Goodness Righteousness and Universal Harmony of Peace Unfolding Itself In By and With Social Morality of Civic Societies

And Further Say: I Commit to Found an Economics That Empowers the Entire Humanion With the Highest Degree of Education Continual and Life-Long Learning Development and Progression: Say: And Sovereignty Shall Be Returned to All Humanity Through the Direct Involvement Engagement and Participation of All Human Individual Beings Through Humanicovics the Public Affairs Management System Run By All Citizens Working Together Without Political Parties: That Is a Human Enterprise in Humanicovics Where Ownership Money and Their Powers and Prowess Have Been Eradicated and Replaced by Belongingship and That is Humanicsxian Economics: And Say: I Commit to Exist In By and With the High-Humanical Maxim: All-For-One and One-For-All: This Is Humanicxian Economics: This Is Why Regine Humanics Foundation Ltd and Regine Group of Publications Exist to Work and Take Forward The Philosophy Political Philosophy Political Economics and the Vision of Humanics to the Wider World and Wider Humanity For a Better Human Condition For All Humanity Across Mother Earth: One Humanity As One Humanion on One Mother Earth on One Sunnara on One Home Bay Milky Way Galaxy on One Universana: Humanity: We Are One: An Infinity Unfolding Itself: Thursday: June 25: 2020 | |



Image: NASA: NASA has nothing to do with this presentation

# Humanicsxian Economics in Two Phases of Humanics

## Pre-Humanical Phase: Kapitalawnomics

Pre-Humanical Phase: Kapitalawnomics: Capitalism Is Brought Under the Sovereignty of the People and Re-architected to Serve the People Under the Power and Prowess of the Rule of Law at All Times and Used to Develop Everything Towards Humanical Societies || At This Phase These Shall Become Reality: Right to Universal Natural Air || Right to Universal Natural Environment || Right to Universal Degree-Level Education || Right to Universal Balanced and Nutritional Food and Drink || Right to Universal Employment || Right to Universal Income || Right to Universal Home || Right to Universal Health || Right to Universal Social Care || For All Humanity Across the Earth Equate to Building-Block Foundational Human Rights: And the Entire Humanity Joining Together As All Individuals In a Humanion, Forming the First All-Humanity Sovereignty-Nature Habitat-Body on Earth and on This Universe as the First Ever International and Universal All-Humanity State and Government for the Whole World as One Body With Its Legislature Executive Judiciary Financial-Judiciary Rule of Law Civic Service Compact and Its Own Central Bank and Its Own Currency That Is the New International Currency || This Phase Is Done Through and by Working Humanity Organising As Political Forces and Parties.

## Humanical Phase

Human Enterprise: Ownership Money and Their Powers and Prowess Are Eliminated and Replaced by Belongingship Whereby Humanity Reach Liberty and Equality and All Human Economics Endeavours Are Organised and Run Under Human Enterprise and the Whole Public Affairs Management Is Run and Conducted by Humanicsovics Whereby All Individual Humanity Work Together As Organised People Parliaments As Their Own High-Representatives: This Is Humanicsovics || This Is What the World's Working and Non-Working Humanity on Poverty-Wage on Punishment-Social-Security on Destitution-Abandonment-No-Security and the Powerless and Homeless Humanity Must Rise to Fight For and Reject All Plastering Tinker-Works by Any Political Forces: This Is Why It Is Time to Rise As One and Unite and Organise to Begin Again: Where Are the Younger Generations: Because If We Humanity Have Any Future It Is In Your Hands Hearts Minds Souls Eyes and Vision: Believe: Humanity Nature Is an Infinity Unfolding Itself and In Being and Doing Such Humanity Nature We All Exist by the High-Humanical Maxim: All-For-One and One-For-All and With This Humanical Societies Appear All Across the Earth and They All Form a Grid of a Humanical Civilisation, Led and Run by All Humanity Working Together at the Highest of All Bodies: The International and Universal State and Government of the Entire Humanion ||

### **What Are Building-Block Foundational Human Rights**



**Ask Your Political Leaders About Building-Block Foundational Human Rights and Ask Them About Humanics**

### **The Building-Block Foundational Human Rights**

- A: Absolute Right to Live in Clean, Healthy, Safe and Natural Environment
- B: Absolute Right to Breathe Natural, Fresh, Clean and Safe Air
- C: Absolute Right to Necessary Nutritional Balanced Food and Drink
- D: Absolute Right to Free Medical Care at the Point of Need
- E: Absolute Right to an Absolute Home
- F: Absolute Right to Free Degree-Level Education and Life Long Learning
- G: Absolute Right to Guaranteed Social Care

H: Absolute Right to a Universal Income

I: Absolute Right to a Job

J: Absolute Right to Dignified Civic and Human Funeral Paid Through by Universal Income

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**The Ellaarch Humanion**

Love: Learning: Lumination: Law: Light: Lake: Lamp: Lotus: Life

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All-for-one, One-for-all

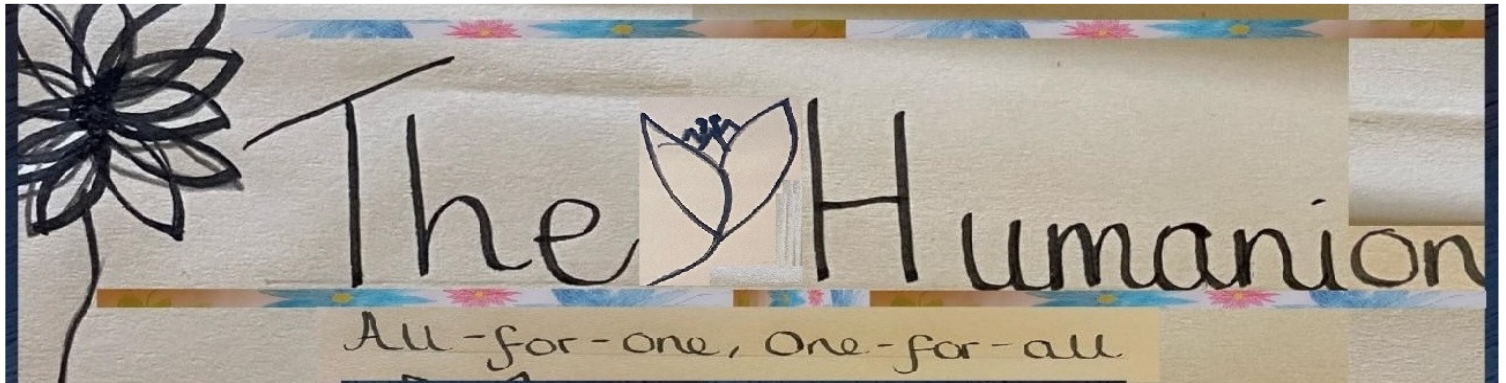
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All-for-one, One-for-all **Portable**

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# || The Humanion ||



## Editor-In-Chief

Munayem Mayenin

[editor@thehumanion.com](mailto:editor@thehumanion.com)

## Chief Deputy Editor

Dr J Everet Green

[JEveretGreen@thehumanion.com](mailto:JEveretGreen@thehumanion.com)

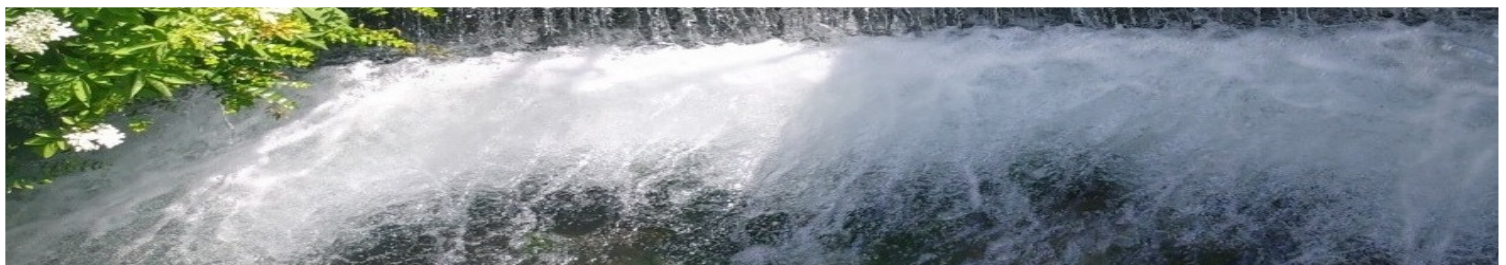
Editorial Contact: [editor@thehumanion.com](mailto:editor@thehumanion.com)

The Foundation Contact: [elleesium@reginehumanicsfoundation.com](mailto:elleesium@reginehumanicsfoundation.com)

The Ellaarch Humanion Contact: [elle@theellaarchhumanion.com](mailto:elle@theellaarchhumanion.com)



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