

biology terms that start with j

biology terms that start with j are not only fascinating but also pivotal for understanding essential concepts in life sciences. This article delves deep into a curated selection of biological terms beginning with the letter "J," providing definitions, context, and significance in various fields such as genetics, anatomy, microbiology, and ecology. Whether you are a student, educator, or enthusiast, learning these terms can enhance your grasp of complex biological systems and processes. We will explore well-known words like "jugular" and "juvenile," examine specialized terminology, and clarify how these words fit into broader biological frameworks. The article is structured to optimize your learning experience, with organized sections and lists for easy navigation. Each term is explained in detail, ensuring that readers gain both fundamental and advanced knowledge. By the end, you will have a comprehensive understanding of biology terms that start with "J," empowering you with vocabulary that is both useful and scientifically accurate. Continue reading to uncover essential definitions and applications that make these terms indispensable in biology.

- Jugular: Anatomy and Function
- Juvenile: Developmental Biology
- Junctions: Cellular and Molecular Significance
- Joule: Biological Energy Measurement
- Jellyfish: Marine Biology Spotlight
- Other Notable Biology Terms that Start with J

Jugular: Anatomy and Function

The jugular is a critical anatomical term in biology, primarily referring to the large veins in the neck that return deoxygenated blood from the head to the heart. The jugular veins are divided into the internal jugular vein and the external jugular vein, each with distinct pathways and functions. Understanding the jugular system is essential in medical biology for evaluating circulatory health, diagnosing cardiovascular conditions, and performing clinical procedures such as central venous catheterization.

Types of Jugular Veins

- Internal jugular vein: Collects blood from the brain, face, and neck.
- External jugular vein: Drains blood from the superficial regions of the head and neck.

Jugular veins are often examined in medical assessments to identify signs of heart failure or increased venous pressure. Their anatomical location makes them accessible for blood sampling and emergency interventions.

Juvenile: Developmental Biology

Juvenile is a term frequently used in biology to describe organisms that have not yet reached maturity. In developmental biology, juvenile stages are critical for understanding growth, differentiation, and life cycle transitions. The juvenile phase can refer to animals, plants, or even microorganisms, each exhibiting unique physiological and genetic traits during this period. This term is widely used in ecological studies, genetics, and evolutionary biology to compare developmental rates and survival strategies.

Characteristics of Juvenile Organisms

- Distinct morphological features compared to adults
- Rapid growth and development
- High metabolic rates
- Vulnerability to environmental factors

In fisheries and wildlife biology, juvenile stages are studied to optimize conservation efforts and manage population dynamics. Juvenile plants, for example, may show different photosynthetic rates and root development compared to mature specimens.

Junctions: Cellular and Molecular Significance

Junctions in biology refer to specialized structures that connect cells and enable communication, adhesion, and transport. These structures are vital for tissue integrity, organ function, and cellular signaling. The most common types of junctions include tight junctions, gap junctions, and desmosomes. Understanding junctions is fundamental in cell biology, histology, and physiology, as they influence everything from embryonic development to disease progression.

Main Types of Cell Junctions

1. Tight junctions: Seal adjacent cells, maintaining tissue barriers.
2. Gap junctions: Facilitate direct transfer of ions and molecules between cells.
3. Desmosomes: Provide mechanical strength to tissues by anchoring cells together.

Research on junctions has led to breakthroughs in cancer biology, where abnormal junctions may contribute to tumor metastasis. In neuroscience, gap junctions enable rapid electrical communication between neurons.

Joule: Biological Energy Measurement

Joule is a term borrowed from physics, denoting the standard unit of energy. In biology, joules are used to quantify energy transfer and consumption in living systems, from metabolic processes to muscle contraction. The application of joules enables precise calculation of energy requirements in ecological studies, bioenergetics, and physiology. This measurement is crucial for comparing energy efficiency, evaluating caloric intake, and studying thermoregulation.

Applications of Joule in Biology

- Determining metabolic rates in animals
- Calculating energy requirements for growth and reproduction
- Analyzing energy flow in ecosystems
- Studying ATP production and cellular respiration

The integration of joules into biological research supports interdisciplinary studies, connecting biology with physics, chemistry, and environmental science.

Jellyfish: Marine Biology Spotlight

Jellyfish, belonging to the phylum Cnidaria, are iconic marine organisms recognized for their gelatinous bodies and stinging tentacles. The biology of jellyfish encompasses anatomy, physiology, ecology, and evolutionary history. These animals play significant roles in marine food webs as both predators and prey. Their unique life cycles, which include both polyp and medusa stages, make them a subject of interest in developmental and reproductive biology.

Biological Features of Jellyfish

- Radial symmetry
- Simple nervous system (nerve net)
- Stinging cells (nematocysts) for defense and prey capture

- Transparent, gelatinous body structure

Jellyfish blooms can impact marine ecosystems by altering nutrient cycles and food availability. Research into their venom and bioluminescence has contributed to advances in medicine and biotechnology.

Other Notable Biology Terms that Start with J

Beyond the major topics discussed, several other biology terms starting with "J" are noteworthy across various subfields. These terms expand the biological vocabulary and provide deeper insights into specialized concepts.

Featured Biology Terms Starting with J

- **Jacaranda:** A genus of flowering plants studied in botany.
- **Juxtaglomerular:** Refers to kidney cells involved in blood pressure regulation.
- **Juxtacrine:** A type of cell signaling involving direct cell contact.
- **Jaundice:** A clinical term for yellowing of skin due to bilirubin buildup.
- **Joints:** Anatomical locations where two bones meet, vital in locomotion.
- **Jacalin:** A plant lectin used in glycobiology research.
- **Junk DNA:** Non-coding regions of DNA with regulatory or unknown functions.

These terms reflect the diversity of biological topics—from plant science and physiology to molecular biology and clinical medicine. Their inclusion in the vocabulary of life sciences enhances clarity and precision in research and education.

Questions & Answers on Biology Terms that Start with J

Q: What is the function of the jugular vein in human anatomy?

A: The jugular vein is responsible for carrying deoxygenated blood from the head, face, and neck back to the heart, playing a crucial role in the circulatory system.

Q: How is the term "juvenile" used in biology?

A: In biology, "juvenile" refers to organisms that have not reached maturity, often displaying unique developmental, physiological, and morphological traits compared to adults.

Q: What are the main types of cell junctions and their roles?

A: The main types of cell junctions are tight junctions (barrier formation), gap junctions (molecular communication), and desmosomes (mechanical stability).

Q: Why are joules important in biological research?

A: Joules measure energy and are used to quantify metabolic rates, energy transfer, and caloric requirements in biological systems, aiding studies in physiology and ecology.

Q: What makes jellyfish unique among marine animals?

A: Jellyfish are unique due to their gelatinous bodies, radial symmetry, stinging cells, and simple nervous systems, making them important in marine biology and ecological studies.

Q: What is juxtaglomerular apparatus and its function?

A: The juxtaglomerular apparatus is a structure in the kidney that regulates blood pressure by releasing the hormone renin.

Q: How do joints function in the human body?

A: Joints connect bones and allow for movement, flexibility, and structural support, essential for locomotion and daily activities.

Q: What is the significance of junk DNA?

A: Junk DNA refers to non-coding regions of DNA, some of which have regulatory roles or unknown functions, contributing to genetic diversity and gene expression.

Q: What does juxtacrine signaling entail?

A: Juxtacrine signaling occurs when cells communicate through direct contact, influencing developmental processes and immune responses.

Q: How is jaundice diagnosed and treated in clinical biology?

A: Jaundice is diagnosed by observing yellowing of the skin and eyes, and treated by addressing underlying causes such as liver disease or hemolysis.

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Biology Terms That Start With J: A Comprehensive Guide

Are you a biology student struggling to memorize all those complex terms? Or perhaps a curious individual fascinated by the intricacies of the natural world? Whatever your reason, if you're looking for a comprehensive list of biology terms starting with the letter J, you've come to the right place. This blog post dives deep into the fascinating world of biological jargon, offering clear definitions and examples for a wide range of terms, all beginning with that often-overlooked letter, J. Prepare to expand your biological vocabulary and impress your peers (and maybe even your professor!).

J-Terms in Biology: Unlocking the Language of Life

The field of biology encompasses an incredibly vast and diverse range of subjects, from the microscopic world of cells to the complex ecosystems of entire planets. Understanding the language of biology is essential for navigating this fascinating world. While many biological terms are easily understood, those starting with less frequent letters, like J, can pose a challenge. This guide aims to simplify things, offering clear and concise definitions for a variety of "J" terms, making your study of biology more efficient and enjoyable.

Juxtaposition in Biological Structures

In biology, juxtaposition doesn't necessarily refer to a specific structure but rather describes the arrangement of different structures or tissues next to each other. This spatial relationship often has functional implications. For example, the juxtaposition of different cell types in the intestinal lining allows for efficient nutrient absorption. Understanding the juxtaposition of organs or tissues is critical in anatomy and physiology.

Examples of Juxtaposition:

Renal Cortex and Medulla: The kidney's cortex and medulla are juxtaposed, facilitating filtration and reabsorption of fluids.

Cardiac Muscle and Connective Tissue: The arrangement of cardiac muscle and connective tissue in the heart allows for coordinated contractions.

Jellyfish (Medusozoa) & Their Biological Significance

Jellyfish, scientifically classified under the phylum Cnidaria, class Medusozoa, are fascinating gelatinous creatures found in oceans worldwide. Their biology is surprisingly complex. While seemingly simple in structure, jellyfish possess specialized cells called cnidocytes that contain nematocysts (stinging organelles). These are used for capturing prey and defense. Their life cycle often involves both polyp and medusa stages, showcasing an intriguing developmental pattern.

Key Aspects of Jellyfish Biology:

Nematocysts: The stinging cells are a crucial element in their predatory strategy and defense mechanism.

Life Cycle: Alternation between polyp (sessile) and medusa (free-swimming) stages is a key characteristic of many jellyfish species.

Ecological Role: Jellyfish play a significant role in marine food webs, serving as both predators and prey.

Juvenile Development and its Implications

The term juvenile in biology refers to the immature stage of an organism's life cycle, after the embryonic stage but before reaching sexual maturity. The juvenile phase is characterized by significant growth and developmental changes, preparing the organism for adulthood. The length and characteristics of the juvenile period vary greatly across species.

Understanding Juvenile Development:

Growth Patterns: Juvenile development often involves rapid growth in size and mass.

Physiological Changes: Significant physiological changes occur, including the development of reproductive organs.

Behavioral Changes: Behavioral adaptations emerge, preparing the organism for adult life.

J-Words: Beyond the Common Terms

While the above examples cover some prevalent "J" terms in biology, the field is vast, and many other specialized terms exist. These often appear within specific subfields like:

J-shaped curve: In population ecology, it describes exponential population growth.

Jugular vein: A major vein in the neck carrying deoxygenated blood to the heart.

Joint (anatomy): A point where two or more bones meet.

Conclusion

Exploring the biology terms that start with "J" reveals a surprising diversity within the field. From the intricate structure of jellyfish to the developmental stages of juvenile organisms and the anatomical importance of juxtaposed tissues, the letter J unlocks a fascinating array of biological concepts. This guide hopefully provided a helpful starting point in understanding this often overlooked section of biological terminology. Remember that continuous learning and exploration are key to mastering this complex and ever-evolving field.

FAQs

1. What is the difference between a medusa and a polyp in jellyfish? The medusa is the free-swimming, bell-shaped form, while the polyp is the sessile, cylindrical form. Many jellyfish species alternate between these two forms during their life cycle.
2. How do nematocysts work? Nematocysts are tiny, capsule-like structures containing a coiled thread. When triggered, they rapidly discharge, injecting toxins or wrapping around prey.
3. What are some examples of J-shaped growth curves in nature? Bacterial growth in ideal conditions and certain insect populations during periods of abundant resources often exhibit a J-shaped curve.
4. Are all jellyfish venomous? While many jellyfish species are venomous, posing a threat to humans, some are relatively harmless. The degree of venom toxicity varies greatly across species.
5. How does the juxtaposition of tissues affect organ function? The precise arrangement of tissues in an organ is crucial for its function. For example, the juxtaposition of muscle and connective tissue in the heart ensures coordinated contractions and efficient blood pumping.

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and bioinformatics. Several entries related to specific pharmaceutical compounds have been removed, while some generic entries (alpha blockers, NSAIDs, and tetracycline antibiotics, for example), and some that are frequently part of the experimentalist's toolkit and probably never used in the clinic, have been retained. The Appendix includes prefixes for SI units, the Greek alphabet, useful constants, and single-letter codes for amino acids. - Thoroughly revised and expanded by over 20% with over 12,000 entries in cellular and molecular biology - Includes expanded coverage of terms, including plant molecular biology, microbiology and biotechnology areas - Consistently provides the most complete short definitions of technical terminology for anyone working in life sciences today - Features extensive cross-references - Provides multiple definitions, notes on word origins, and other useful features

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use of resources in metabolism, movement, growth, reproduction, and so on. These processes will form the fundamental framework of all the books in the series. Each book will concentrate on a particular taxon (species, family, class or even phylum) and will bring together information on the form, physiology, ecology and evolutionary biology of the group. The aim will be not only to describe how organisms work, but also to consider why they have come to work in that way. By concentrating on taxa which are well known, it is hoped that the series will not only illustrate the success of selection, but also show the constraints imposed upon it by the physiological, morphological and developmental limitations of the groups. Another important feature of the series will be its organismic orientation. Each book will emphasize the importance of functional integration in the day-to-day lives and the evolution of organisms. This is crucial since, though it may be true that organisms can be considered as collections of gene determined traits, they nevertheless interact with their environment as integrated wholes and it is in this context that individual traits have been subjected to natural selection and have evolved.

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biology terms that start with j: *Principles of Bone Biology* John P. Bilezikian, Lawrence G. Raisz, T. John Martin, 2008-09-29 *Principles of Bone Biology* provides the most comprehensive, authoritative reference on the study of bone biology and related diseases. It is the essential resource for anyone involved in the study of bone biology. Bone research in recent years has generated enormous attention, mainly because of the broad public health implications of osteoporosis and related bone disorders. - Provides a one-stop shop. There is no need to search through many research journals or books to glean the information one wants...it is all in one source written by the experts in the field - The essential resource for anyone involved in the study of bones and bone diseases - Takes the reader from the basic elements of fundamental research to the most sophisticated concepts in therapeutics - Readers can easily search and locate information quickly as it will be online with this new edition

biology terms that start with j: *A Dictionary of Animal Behaviour* David McFarland, 2014-05-22 Covering every aspect of animal behaviour from adaptation to warning, this accessible A-Z also includes terms from the related fields of ecology, physiology and psychology. Clear and informative entries on topics such as communication, learning, and navigation are backed up by examples and illustrations where appropriate. The new edition adds 80 new entries, expands coverage of behavioural ecology, cognitive ethology, and evolutionary theory, and brings the text up to date with new theories and research. An essential source of reference for students of biology, psychology, and zoology, and fascinating reading for all those interested in animal behaviour.

biology terms that start with j: *GENESIS & SAPIENS* Augustin Ostace, 2018-12-22 ...Before knowing myself better, it is necessary to know my Species Sapiens, to whom I belong in my entirety... ..But my Species Sapiens belongs at its row, to the Genus or Gattung Homo Anthropos, by enlisting here Homo Habilis, Homo Ergaster, Homo Erectus, Homo Heidelbergensis, Homo Neanderthal, whom, I should know them, at least in their generality... ..Moreover, one ought know the Hominid Family, (Orangutan, Chimpanzee, Bonobo), then Order Primate, Class Mammals, Phylum Vertebrata, Kingdom Animals, Domain Multi-cellular... ..Genesis of Sapiens must be accompanied by the Genesis of Life on our Planetary System, with Genesis of Solar System of Milky Way Galaxy, and Genesis of the Universe!... ..Is it this endeavor a Sapient-o-mania?... Not at all, it is an encyclopedic and interdisciplinary reality of our Species Sapiens!... Nothing more, nothing less... ..But, In which way, would be possible to change the whole of Sapiens into a Shooting - star Species?... Possible, but reporting the Sapiens to Sapiens itself, done through a Philosophical System of the whole Species!... ..Let's reiterate that nothing in Sapiens makes sense, except in the light of creativity!... ..More than that, there is no Species owner, SAPIENSEIGENTÜMER ! Through SAPIENTOLOGIZATION will be reached out the greatest overdrive in additional speed of knowledge

- episteme and creativity - noesis, of the whole Sapiens throughout of its development in the last 50.000 years!... ...Almost every human being wants to know primarily, of where she / he comes from, who is she / he and where she/ he goes... ...Almost every man would like to know who is her / his ancestors are, and who will be her / his offspring... ...Almost every human being would like to know, how was the origin of humankind, its past, its present existence and to found out, to foresee in advance, its possible future... ...By observing and researching the nature of human, it was taught that, without ancestors, without preceding branches, no offspring would arise... ...Through the discovery of the laws of nature, it has been found or found that the theory of evolution contradicts almost all of the myths of creation of religions and of theologies... ...Through the sciences of biology, of anthropology and sapientology, the man had ascertained their kinship with the human beings, by calling himself as Wisdom - man, as Intelligent Being, as Creative Being or HOMO SAPIENS... ...With this biological name, HOMO, in connection with the self-given artificial names of SAPIENS by INTELLIGENCE, the humanity development recognizes many creations and achievements (in art, in technology, in science, in civilizations, in partial prosperity, in the treatment of epidemic diseases, in prolongation of average lifespan), by admitting also many catastrophic results of wild behaviors as wars, as civilizations destroying, or as illegal migration, as religious fanaticism and terrorism ... Sapiens through Sapientologist

biology terms that start with j: UNIVERSE IN BECOMING Augustin Ostace, 2018-10-17
Dedicated to the Universe in becoming, since its own genesis through the Big Bang, always in expanding, always in changing, always in becoming, by giving birth to the atom, then to the molecule, followed by the born of stars, then to the galaxies... The Galaxy is the basic unit of the Universe, containing millions or billions of stars, with millions or even with billions of planetary systems... Within a such Galaxy, called Milky Way Galaxy, within a such solar system, called Sonnensystem, upon a planetary system called Earthsystem or Erdesystem, a form of life in evolution and diversification has given in almost four billions years to a form of rational intelligence, called human, who, in turns, is trying to find out as many as one can out of the mysteries of the Universe... Cosmologist in Becoming

biology terms that start with j: PHILOSOPHY OF EMAILING Augustin Ostace, 2019-01-02
SEVEN BATTLES UMS SAPIENS ...in order for a better understanding of the History of the World, first of all, one must understand and analyzed the History of Our-self, as individuality, as community, as nation and even Species, without any fear in front of Sapiens... ...what battles have you carry on, what hopes have you aimed, what achievements could be counted, what defeats have you recorded, one can read out in the book LEX SAPIENS! ...in order to a better comprehension of the History of the Peoples, first of all, one must check out and analyses the History of the Others... into which realities they are striving on, into which difficulties they are fighting on, through which disappointments they are going through, what kind of enjoyments they are meeting - JUSGENTIUM SAPIENS! ...in order to a better learning or recognition or discernment of what kind of Evolutionary forces and Revolutionary determinations has modelled our Species Homo Sapiens, its interrelations within the Genus Homo, Hominid Family, and Order Primates - RACE & SAPIENS! ...in order to a better cognition or enlightenment of our world of technology, Life on Line, Internet Society, Spying forces or Eavesdropping of Communications - CYBERSAPIENS! ...in order to a better apprehension or grasping human transcendence of Faith, of Religions, of Denominations, of fighting of Inter-Faith, of Self-Responsibility, of Religious Wars, of destroying terrorism - THEOS SAPIENS! ...in order to a better schooling-wisdom of ideologies and doctrines throughout times, since Antiquity up to now - POLITIKON SAPIENS! ...in order for a better judgement, a better degree of involvement into de difficulties of the present world, analyzed as a wholeness of our Species Homo Sapiens, regarding the huge states deficits, huge rates of unemployment, particularly in youth generations, increasing in ageing through dys-productivity, or Social Systems pushed into area of irrationalities or in-authenticity - OEKONOMICUS SAPIENS, or OIKOS SAPIENS! ...In order to be in pace with the exponential development of digital technology of our internet- web times, of our on line era, in creating a conceptology of the Cyber-Era, by naming directly the heroes of the Email addresses, is

envisioned the book PHILOSOPHY OF EMAILING...

biology terms that start with j: ALMA MATER SAPIENSIS - HISTORIOLOGY Augustin Ostace, 2017-05-11 ...If ALMA MATER BISTRICENSIS - AMB, will become reality, then, and only then the human spirit could become a holy symbol for the human itself, by embodying thus the spirit of Antiquity, Homo res sacra homini... ...If ALMA MATER BISTRICENSIS - AMB, will be raised through rational obstinacy, then the destiny of the BistritzBurg Siebenbürgen could write a line into the presentity of times, Nulla dies sine linea... ...If even the books themselves, have their destiny, Habent sua fata libelli, then, also the ALMA MATER BISTRICENSIS - AMB must have its destiny through book - researching, through book - knowledge, by reitering thus the sacred thinking through which the Science itself is power, Scientia potestas... Historiologist

biology terms that start with j: ONCCOLOGY & ONKKOLOGIE Augustin Ostace, 2018-10-29 ...A hard dialectical conversation between a Clinician in Practical Oncology and a Theoretician of the Philosophical Onccologicum... ...It is Pragmatism versus Idealism, or the battlefield between the Physician of the Hippocratic Oath and the Metaphysician of the Platonic Eidos... Why this title or belittled through the apparently same term in Oncology, but written into a dissimilarity form, Onccology-Onkkologie? Is it a confrontation between English terminology and the German one? Or a synthesis between the two like in Denglish? Could be this terrible human tumor defeated through a counter tumor? Tumor cell to be annihilated through an Anti-tumor Cell? A cancer cell defeated through an anti-tumor Cell? Could the classical concept to give birth to the anti-concept? Alternatively, classical terminology to give birth to anti-terminology? ...to such questions, our endeavor book is trying to give an answer, at least in a theoretical form and expression... Onccologist & Onkkologist

biology terms that start with j: RACE & ETHIC'S SAPIENS Augustin Ostace, 2019-01-09 The title in itself is intended to be an encouragement of our Ethics' Commission of the United States Congress, to which was addressed a petition about a year ago (January 2017) regarding the misusing and abusing of the concept of RACE in regarding Species Sapiens, Genus (Gattung) Homo in our American Constitution... It is in some way understandable that the human history, including the history of the American People, has had in its entirety many white links throughout its genesis phases, throughout its evolutionary and devolutionary periods and throughout its controversial becoming and fulfillments... But to persist in a such dramatic controversial field of different RACE within Species Sapiens, Genus Homo, Hominid Family, Order Primate, Class Mammalia, Phylum(Stamm) Vertebrata, Kingdom Animalia, despite of all anthropological, physiological and genetically advancements in the last 50 years, including Human Genom Project, is a dangerous disregarding of all scientific arguments, which are supporting beyond of any doubt, that the Species Sapiens is a Species without different Races within... Sapientologist

biology terms that start with j: CARTESIUS & CONCEPTOLOGIST Augustin Ostace, 2018-08-06 In order to know myself better, gnothi seauton, I have to descend into the strongholds of meditation, of pondering and of wise silencing, by using primordially the rationalist crafts of human thinking, which has a strong signaling perception towards philosophical and scientific concepts... In order to know myself better, gnothi seauton, I have to know what is uncertain around me and inside me, by re-making a field of rational inquiry therein, by bringing about a battlefield of reason, of rationality and of concept-o-logy... In order to know myself better, gnothi seauton, I have to know what is unknown around me and inside of me, by re-setting myself through the craftiness of rational worthy, reiterating the duality of the mind - body and that of the soul - spirit, both imprinted in human being... Ultimately, in order to know ourselves better, as Species Sapiens, of what is known, of what is uncertain and of what is unknown inside us, could be the duty - triad in every school, in every college or university of all those who are trying the ontological jump in our Species, towards the jump of Up-Sapiens... Conceptologist

biology terms that start with j: DAO & PATHWAY Augustin Ostace, 2018-07-25 In order to know myself better, gnothi seauton, I have to descend into the strongholds of meditation, of pondering and of wise silencing... In order to know myself better, gnothi seauton, I have to know

what is uncertain around me and inside me... In order to know myself better, gnothi seauton, I have to know what is unknown around me and inside of me... Ultimately, in order to know ourselves better, of what is known, of what is uncertain and of what is unknown, must be the duty - triad in every school, in every college or university of all those who are trying the ontological jump in our Species, still called Sapiens... Encylopaedis

biology terms that start with j: UNIVERSUM ARCHE Augustin Ostace, 2018-10-15

Dedicated to the Universe itself, as the Greatest of all the Greatest and the Smallest of all the Smallest within, of the all Visible and of the all Invisible, of all kind of Spatiality and of Temporality of all sort of Causality, and of all forms of Matter, Black Matter and of possible Anti-Matter, both for human in detectable and non-detectable ways, of all forms of Energy and Black Energy, perceivable and non-perceivable for human, of Gravitation and possible of Anti-Gravitation, and of Number-Arithmos as perhaps the greatest truth of the whole Universe, and of all Physical and Chemical events and processes and of Metaphysical phenomena herein! Theoretical Cosmologist

biology terms that start with j: BEFORE BIG BANG Augustin Ostace, 2017-05-16 Dedicated or Gewidmet to the Pre-Universe itself, Vor-Universum, just before the Big Bang, gerade bevor der Urknall, as the Greatest, der Biggeste mystery of all mysteries... Of all the Greatest and the Smallest of all the Smallest within, of the all Visible and of the all Invisible, of all kind of Spatiality and of Temporality of all sort of Causality, and of all forms of Matter and of possible Anti-Matter, both for human in detectable and non-detectable ways, of all forms of Energy, perceivable and non-perceivable for human, of Gravitation and possible of Anti - Gravitation, and of Number Arithmos as perhaps the greatest truth of the whole Universe, and of all Physical and Chemical events and processes and of Metaphysical phenomena herein! Theoretical Pre-Cosmologist

biology terms that start with j: RACE & SAPIENS Augustin Ostace, 2019-01-07 The human history has many white links throughout its genesis phases, throughout its evolutionary and devolutionary periods and throughout its controversial becoming and fulfillments... One of this high dramatic controversial field is the persistence overall in Western Hemisphere of the concept of Race within the Specie Sapiens, Genus Homo, Hominid Family, Order Primate, Class Mammalia, Phylum Vertebrata, Kingdom Animalia, despite of anthropological and genetically advancements in a scientific argumentative way of the Species Sapiens without different Races within... Even if the World's Politics and the World's Media are still stubborn in presenting and defending the idea of different Races within our unique Species Sapiens, the biologic realities with scientific proofs are beyond of any doubt in favor of the Sapiens Species without different Races within, by putting thus aside a class of political and social concepts as race and racist, Rasse und Rassismus, with subsequent concept-o-logical developments of Pro-rassismus and Anti-rassismus... Sapientologist

biology terms that start with j: REASON & RATIONALIST Augustin Ostace, 2018-08-03 In order to know myself better, gnothi seauton, I have to descend into the strongholds of meditation, of pondering and of wise silencing, by using primordially the rationalist crafts of human thinking... In order to know myself better, gnothi seauton, I have to know what is uncertain around me and inside me, by re-making a field of rational inquiry therein... In order to know myself better, gnothi seauton, I have to know what is unknown around me and inside of me, by re-setting myself through the craftiness of rational worthy... Ultimately, in order to know ourselves better, as Species Sapiens, of what is known, of what is uncertain and of what is unknown inside us, could be the duty - triad in every school, in every college or university of all those who are trying the ontological jump in our Species, towards the jump of Up-Sapiens... Rationalist

biology terms that start with j: CELLULAR BEING Augustin Ostace, 2018-11-19 It would be possible to challenge the Cell biology through a Cell Philosophy? By re-thinking the cell as a lively Being and subsequently to change the Cell itself into a Being? Into a lively Being? Called CELLULAR BEING? Our ambition, our enterprise, our philosophical and biological ambitions, is encouraged by the huge development of Cell and Molecular Biology in the last decades of the second Millennium and the first two decades of the third Millennium Through the philosophy of cell, through the philosophy of genetic code contained into the DNA, of its physiology and pathology, is enriched thus

the self-reflection about the living planetary system into which the Cell itself, in its uni-cellularity or multi-cellularity, has been the oldest living Being, der älteste lebendigen Dasein, Cell is the Being itself, whatever in its uni-cellularity as prokaryote or eukaryote, as unicellular organism, or pluricellular ones, whatever in fungi, in plants or animals, in its physiological conditions or physiopathological ones, being then the basic substratum of all living system in the last of ca. about four billions years... ..Then, once again, it is not important the words, into which the books are written, or into which the words are expressed through their morphology or dys-morphology, but the idea or ideas behind them, towards a re-thinking of a concept-o-logical biology, as a revalorization of life itself, Umwertung aller Lebendigewerte, within the uniqueness of our blue planet system... The science of astronomy, the science of cosmology, of geology, of biology, are addressing not only to the readers, whatever they are in the world, but primarily to the bipolarity of readers - thinkers, as the evolutionary development of the word of reader to the concept of thinker, both intertwined into a CONCEPTOLOGICAL FIELD OF CREATORS, through which myself is correlated into the triad reader - thinker - creator... Cellularologist

biology terms that start with j: *KUNG-FU MASTER* Augustin Ostace, 2018-07-27 In order to know myself better, gnothi seauton, I have to descend into the strongholds of meditation, of pondering and of wise silencing... In order to know myself better, gnothi seauton, I have to know what is uncertain around me and inside me... In order to know myself better, gnothi seauton, I have to know what is unknown around me and inside of me... Ultimately, in order to know ourself better, of what is known, of what is uncertain and of what is unknown, must be the duty - triad in every school, in every college or university of all those who are trying the ontological jump in our Species, still called Sapiens... Encyclopaedist

biology terms that start with j: *GREEK ONTOLOGY* Augustin Ostace, 2018-12-06 Maybe through "logos" and through account, or through proportions, or rational faculty or through proportion, to arise another reason to the "ONTOLOGY", i. e. the logos of the study of Being as such, i.e. to the EXISTENCE in its metaphysical equivalency? Could be thus, by trying to understand and re-understand, to define and re-define, to think and to re-think, to assure and re-assure, the whole of Greek Essence, upon which has been grounded the whole of the European history? Would be the whole European philosophy and the whole European Science, Art, Culture and Civilisation to be found and re-found within the basic network of Greek's concepts, whatever in Philosophy, Mythology, Theology, Science, Technology, Art, Language, Alphabet, or Psychology, an underlying organizational principle of the history of Europe as a common meaning in the last 2500 years?... Have been the Universe of Greeks concepts, or Greek Conceptology, or Greek-Conceptologicum, the account for true essence into European history, for the true knowledge of European history, as the most active force within the European history? Our booklet called "Greek Ontology" is trying, at least in part, to give an answer to a such endeavours of European Civilisation! Greek Ontologist

biology terms that start with j: Cumulated Index Medicus , 1974

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