



“Science and art are, surprisingly, intimately linked to each other. Over the centuries, artists used their talent in order to depict with the greatest detail possible the human anatomy and later the histology of tissues, helping scientists comprehend better the world and human nature. From the opposite perspective, scientific images coming from observation or experimentation can constitute art since they can have form and beauty. “

Batistatou, A and Charalabopoulos, K.A. Medical Hypotheses 65, 970-971

UM CIENTISTA NO TELHADO ILUSTRADO

Rafael Linden

Rafael was born in Brazil, trained as a medical doctor but pursued research instead, obtaining a PhD degree from UFRJ and dedicating his life to research and teaching. In the academic environment, Rafael discovered that it was possible to be creative without being an artist. Over the years, his creativity and scientific acumen contributed significantly to the establishment of neurodegeneration as a research topic in Brazil. More recently, Rafael has expanded his creativity to literary horizons. His work can be found at his blog umcientistanotelhado.blogspot.com.



Iris Yan

Iris Yan is a Brazilian-born Chinese cartoonist who is a professionally trained aura reader, completed the One-year certificate in The Center for Cartoon Studies in Vermont, U.S.A. and somehow obtained a PhD in Mathematics from the University of Chicago. She believes life is humorous and prefers to make funny comics. She has lived in Brazil, USA, Mozambique and now lives in Taiwan. Her work can be found in pigsinmaputo.blogspot.com.



COMENTÁRIOS MUSICAIS/MUSICAL COMMENTS

Octavio Aprigliano

Octavio was a researcher and professor in Physiology and Biophysics at ICB UNICAMP and IBCCF at UFRJ. After his retirement, he resumed his musical activities, interrupted when he entered his academic career. In 2004 he inaugurated the studio MKP 1112, created as a space for research in musical informatics and composition with virtual musical instruments. In addition to musical production, the studio periodically holds workshops aimed at musicians and music students. The workshops offer training in techniques and procedures that add expressiveness and realism to musical pieces performed by virtual acoustic instruments.

ArtBio- Mostra de Arte Científica Brasileira

The images that are shown in Musical Comments are a loan from ArtBio's Open Gallery in the Google Cultural Institute. These images are part of the Brazilian Scientific Art Exposition.



TRAMAS/THREADS

Carmem Gottfried

Carmem Gottfried is associate professor and neuroscientist at the Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, RS, Brazil; Founding member of the Translational Research Group in Autism Spectrum Disorder; Coordinator of the Neuroscience Awareness Project Art and Neuroscience; Curator of the art exhibition THREADS: dialogue between art and neuroscience, already exhibited in Brazil and UK; Develops a project for neuroscience communication directed to preschool children, starting with a book named What we Have Inside the Head, 2017, ISBN: 978-85-913778-3-1; writes poetry, some of which published in the book Desert Walkers, 2017, ISBN: 978-85-54992-00-2. She also ventures into acrylic painting on canvas and has the mob-photography as a challenge, looking at usual things with unusual eyes. Her photos can be viewed on Instagram @carmemgottfried (#threads_cgott, #blackandwhite_cgott, #neuraltree_cgott, #nature_cgott, #theworldofwiresandcables, #neuraltreeconnectivity).

MicroArt

Rui Milton Patrício da Silva Júnior

Rui has a double Bachelor's degree in Biology and Chemistry and recently obtained his PhD (2016). His mastery in imaging transforms Cell Biology photomicrographs into patterns exploding with colors and textures.

SEA NEVUS

Anna Batistatou

Anna was born in Patras, Greece and obtained her medical degree at the University of Patras. Immediately after, she went to Columbia University to pursue a PhD degree and residence in Pathology. She is currently a Professor of Pathology at University of Ioannina Medical School in Greece. Her art is based on collage from different histological samples. Where most would see just regular or atypical cells, she sees landscapes, butterflies and a whole new world.