

INTERNATIONAL MENDEL DAY

March 8, 2016



- ❖ March 8, 1865: Mendel completed his discovery talk in Brno/Brünn and started the history of genetics
- ❖ March 8, 2015: Mendel Forum conference in Brno, Mendelianum and its co-workers propose to celebrate this day internationally as the Mendel Day
- ❖ **March 8, 2016:** to commemorate the **150th anniversary of presentation of Mendel's work at international level**
(G. Mendel 1866: Versuche über Pflanzen-Hybriden, In: Verhandlungen des Naturforschenden Vereines in Brünn)
 - ❖ Mendel's publication was sent to almost 50 cities

- Mendel Day aims to connect people interested in popularization, propagation and development of Mendel's scientific and cultural legacy
- Mendel Day offers events around the world

➤ Join us!

MendelDay@email.cz

www.mendelianum.cz

INTERNATIONAL MENDEL DAY

March 8, 2016



HOME

- Mendelianum/Brno/Czech Republic
(contact: MendelDay@email.cz)

TOP HOT SPOTS 2016

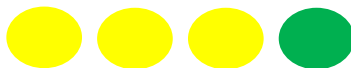
- **Vienna/Austria/Europe**
(contact: johann.vollmann@boku.ac.at)
- **Tuscon/Arisona/USA**
(contact: CLaukaitis@uacc.arizona.edu)
- **Sydney/Australia**
(contact: frank.nicholas@sydney.edu.au)

TOP SUPPORTERS 2016

- Gregor Mendel Society, Vienna
- Genetics Society of America
- Genetics Society of AustralAsia
- Japan Mendel Society
- Genetics Society of Gregor Mendel, Brno

- And many other organizes, supporters and events,
➤ for updated info visit

www.mendelianum.cz



Mendel – 150 let v mezinárodním kontextu

8. března 1865 proslavil Mendel v Brně závěrečnou část své přednášky, kde prezentoval unikátní data a jedinečné závěry vycházející z jeho experimentů s hybridy rostlin. Následující rok byla Mendelova práce zveřejněna tiskem a rozeslána do světa.

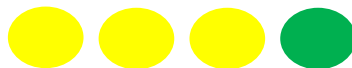
Po 150 letech od této události zorganizovalo Mendelianum MZM Brno ve spolupráci s dalšími institucemi mezinárodní Mendelův den. Akce má podporu z celého světa a nabízí komunikaci v oblasti popularizace, propagace a rozvoje Mendelova vědeckého a kulturního odkazu, kterému se Mendelianum věnuje už přes půl století.

Mendel Day

Myšlenka na založení tradice Mendelova dne vykristalizovala na mezinárodní konferenci Mendel Forum 2015, která se konala v nových prostorách Mendeliana ve dnech 6. – 8. 3. 2015 u příležitosti 150. výročí Mendelovy přednášky v Brně. Březnový termín Mendelova dne vhodně doplňuje únorový Darwinův den a dubnový Den DNA a symbolicky propojuje tradiční a moderní vědu.

Connecting People through Mendel

Mendelianum oslovilo řadu odborníků s návrhem Mendelova dne, který se setkal s velmi pozitivním ohlasem, a získalo klíčové zahraniční partnery této akce pro první ročník. Vídeň reprezentuje Evropu, Tucson Ameriku, Sydney Austrálii a Tokyo Asii. Věříme, že Mendel Day přispěje k mezinárodní populárně-vědecké komunikaci a dalšímu rozvoji „Mendelovy školy“. Mendel Day je otevřen pro všechny zájemce.



MENDEL DAY 2016

Brno

Mendelianum MZM, Muzejní 1, Brno-střed

9 - 12 h: Mendel - co víme o něm a díky němu

Dopolední program zahrnuje seznámení s osobností Mendela, jeho experimenty, vědeckým přístupem a závěry, které se staly základem genetiky. Dopoledne je doplněno vzdělávacími kvízy a soutěžemi.

9 – přednáška, prezentace

10:30 – diskusní přestávka s občerstvením

11 – interaktivní program s vědomostními soutěžemi

12 - 14 h: Hrátky s hrášky

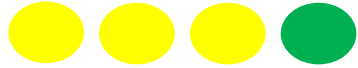
Premiéra nové interaktivní části expozice Mendeliana, kterou provází Mendelův zelený hrášek a nabízí seznámení nejenom s Mendelem a jeho objevy, ale také dnešní vědou včetně virtuálních i reálných vstupů do laboratoří. Expozice je doplněna výstavkou výtvarných prací studentů na téma Mendelův hrášek.

14 - 17 h: Setkání u Mendela

14 h - Co nového u Mendela/Mendel Team meeting

15 h - Připitek u Mendela/VIP meeting

16 h - Mendel a svět, 1866 - Velká věda s malými hrášky (vernisáž výstavy)



MENDEL DAY 2016

Vídeň

Guided tour through Mendel's Vienna starting at the Department of Botany and Biodiversity Research, Vienna at 2 pm

14.00 // Dr. Eva-Maria Mikschi-Marischler and Mag. Matthias Svojtka:

Original reprint of Gregor Mendel's 1866 paper "Versuche über Pflanzen-Hybriden"

This unique original reprint is preserved at the library of Department of Botany and Biodiversity Research. It is one of very few reprints with hand-written corrections of printing errors by Mendel's own hand.

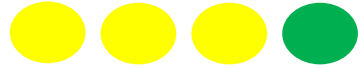
15.00 // **Mendel's teachers and contemporaries at University of Vienna**

In Vienna, Mendel was exposed to leading natural sciences professors and a vibrant scientific community including Christian Doppler (professor of physics) or Franz Unger (professor of botany).

16.00 // **Additional programme**

City walk to **Old University of Vienna** (Austrian Academy of Sciences) and Landstrasse (Mendel's living place in Vienna), coffee and newspapers:

Austrian newspapers between 1850 and 1884 mentioning Gregor Mendel. Mendel's newspaper appearances of high biographical value will be presented, commented and discussed.



MENDEL DAY 2016

Tucson

Campus ENR2 Building, 1064 N. Lowell, Room S-107
and Courtyard, Tucson, Arizona, US

4:00 pm - **Neurogenetics Data Blitz**
(presented by UA Neuroscience Graduate
Interdisciplinary Program)

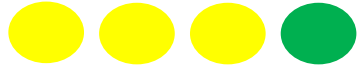
5:00 pm - **Reception**

5:30 pm - **Mendel Day concept**
(presented by Prof. Robert Karn, Mendel Medal
laureate)

Opening Remarks by Prof. Francisco Ayala, Mendel
Medal laureate

6:00 pm - "**Might of Destiny: Gregor Mendel's Powerful
Yet Controversial Legacy**"
(presented by Prof. Daniel Fairbanks, Mendel Medal
laureate)

Followed by the presentation on March 9
(3:00 - 4:00 pm) by Prof. Francisco Ayala, Inaugural
Kidwell Distinguished Lecture in Evolutionary Genetics



MENDEL DAY 2016

Sydney

Macleay Museum, The University of Sydney

Mendel Sesquicentenary Celebrations

6:00 pm - **A brief history of Mendel's discovery**
(presented by Prof. Frank Nicholas /The University of Sydney)

6:30 pm - **Mendel and animal genetics today**
(presented by Prof. Claire Wade /The University of Sydney)

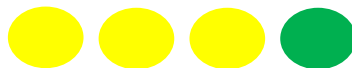
7:00 pm - **Mendel and honey bee genetics today**
(presented by Prof. Ben Oldroyd/The University of Sydney)

7:30 pm - **Mendel and human genetics today**
(presented by A/Prof. Jenny Donald/The University of Sydney)

With simultaneous programme in Canberra

Mendel's legacy: Forensic DNA profiling
(Dr Dennis McNevin)

Epigenetics: Defying Mendelian genetics
(Dr Janine Deakin)
and others



MENDEL DAY 2016

Tokyo

The Japan Mendel Society, University of Tokyo

Exhibition

The Japan Mendel Society (JMS) is a non-profit organization founded on October 22, 1985 under the jurisdiction of the Nagano Prefectural Board of Education. JMS headquarters is located in Shimo-suwa-machi in Suwa-Gun, Nagano Prefecture, but the Tokyo Branch is in Bunkyo, Tokyo.

Mendel Day will introduce an exhibition on J. G. Mendel and the 150th anniversary of his discovery publication held in Shimo-suwa-machi.

Mendel's grapevine

Mendel's Brno is connected with Tokyo not only thanks to contact with Mendelianum but also by the story of "Mendel's wine". More than a hundred years ago, a grapevine from the former "Mendel's garden" in Old Brno was relocated to Tokyo (Botanical Gardens of the University of Tokyo), the original plants were destroyed in Brno after the WWII and thus the Japan Society sent a graft back to Brno where the plant is still grown.

www.mendelianum.cz

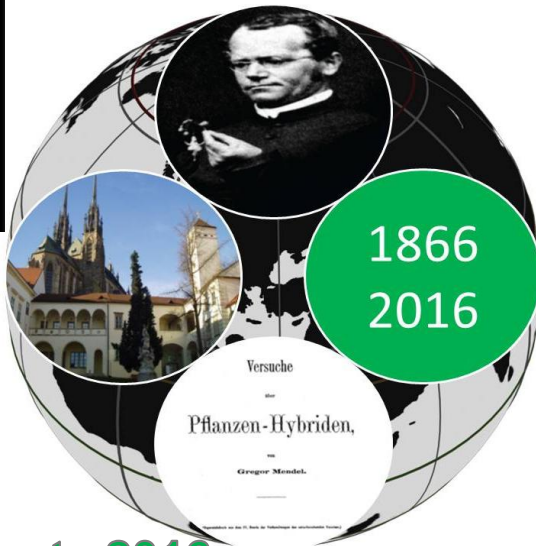
MENDEL DAY

March 8, 2016

8. 3. 2016
Mendelianum
9 am – 5 pm
Muzejní 1, Brno



CENTRUM
MENDELIANUM



Hot spots 2016:
Brno-Vídeň-Tucson-Sydney-Tokyo

Programme BRNO (in Czech)

9-12 am

Mendel – what we know about him and thanks to him

interactive programme focused on university students but open for broad public

12am-2pm

Frolic with peas

interactive programme focused on grammar school students and teachers but open for broad public

2pm-4pm

Meetings at Mendel

2-3 pm: What is new? Mendel Team discussion programme focused on experts

3-4 pm: **Toast to Mendel - VIPs**
programme for VIPs (invitation only)

Big science with small peas
introduction of new parts of Mendelianum exposition

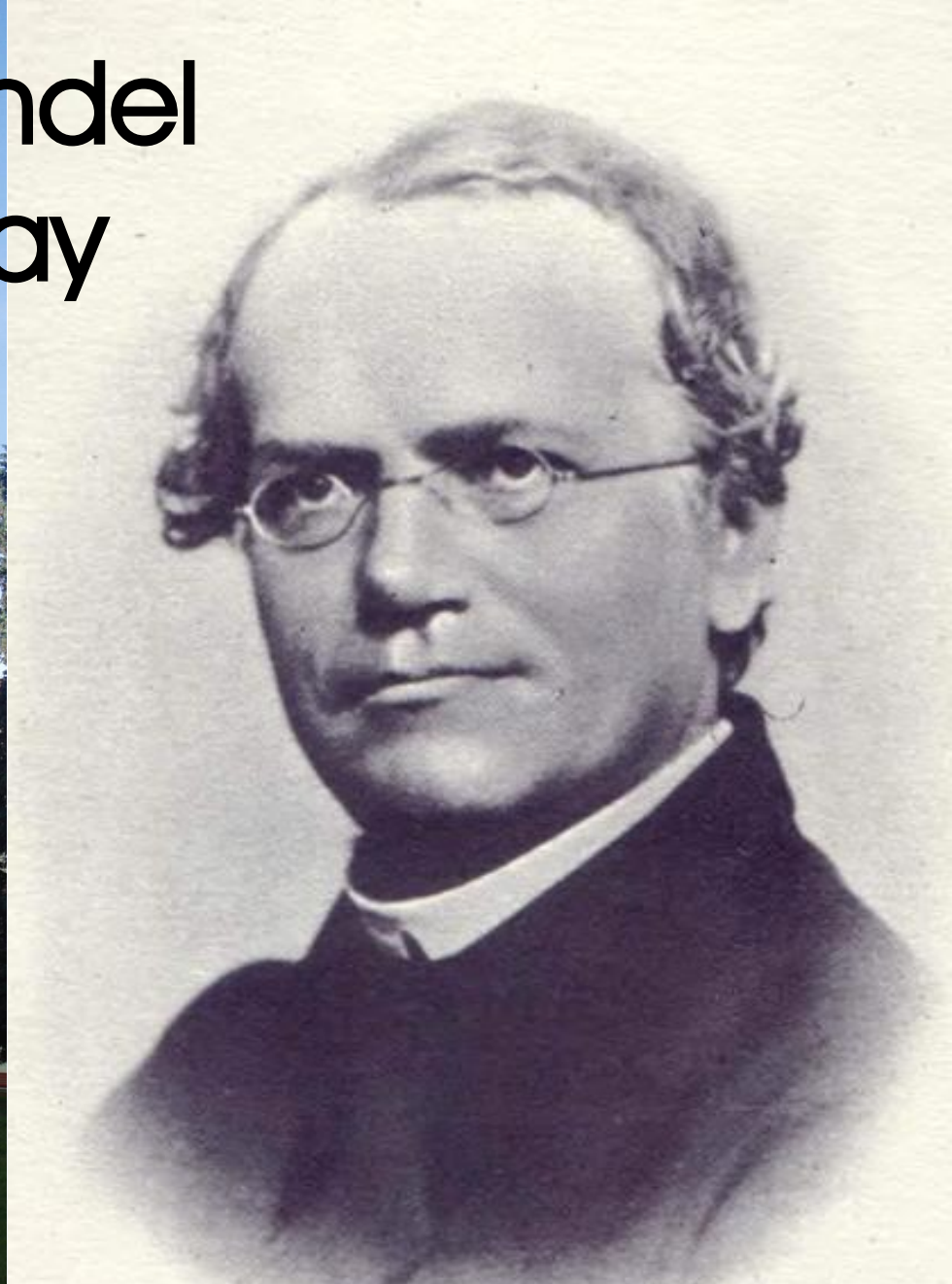
4pm-5pm

Mendel and the World

opening of a new exhibition

Registration: MendelDay@email.cz

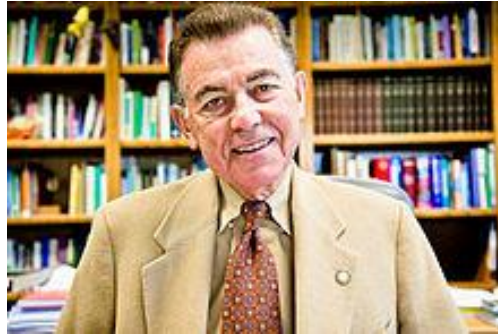
Mendel Day



8. 3. 2016, Brno – Wien – Tucson – Sydney - Tokyo

The Inaugural Kidwell Distinguished Lecture in Evolutionary Genetics*

Darwin's Revolution: From Natural Theology to Natural Selection



Francisco J. Ayala

Dr. Ayala is a University Professor and Donald Bren Professor of Biological Sciences and Professor of Logic and Philosophy at the University of California, Irvine. In addition to his pioneering work in population and evolutionary biology, he is one of the founders of the field of the philosophy of biology and is well known for his perspective on the compatibility of science and religion.

Ayala is a member of many prestigious international scientific societies including the United States National Academy of Sciences.

His numerous honors and awards include the 2001 National Medal of Science, the 2010 Templeton Prize and the Gold Honorary Gregor Mendel Medal of the Czech Academy of Sciences

Wednesday, March 9, 2016

Stevie Eller Dance Theater

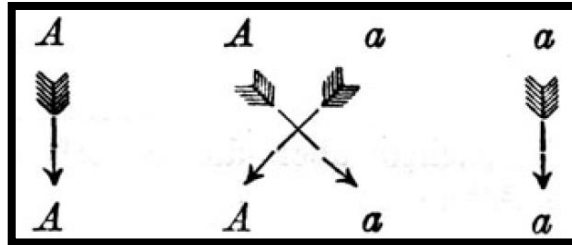
3:00pm

***Dr. Ayala will introduce the 1st International Mendel Day Celebration at 5:30 pm Tuesday, March 8, 2016, ENSR2 S107; contact cmlaukai@email.arizona.edu for details**

For additional information, please contact: Cora Varas-Nelson at: cora@arizona.edu

The **Genetics Society of AustralAsia** and the **School of Life and Environmental Sciences at the University of Sydney** invite you to the

Mendel Sesquicentenary Celebration



150 years on from the publication of Mendel's work, please join us for an evening celebrating his legacy.

Featuring talks by geneticists, including:

Prof. Frank Nicholas (The University of Sydney)

Prof. Claire Wade (The University of Sydney)

Prof. Ben Oldroyd (The University of Sydney)

A/Prof. Jenny Donald (Macquarie University)

Followed by a short panel discussion taking questions from the audience. Join us afterwards for hands-on genetics activities, drinks & nibbles.

Macleay Museum,

The University of Sydney

6-8pm, Tuesday 8th March 2016

Spaces are limited- please RSVP by 26th February to camilla.whittington@sydney.edu.au



SHARE 150 years of Mendel on the international scientific scene

Eva Matalová, Leader, Mendelianum

Institute of Animal Physiology and Genetics, Veveří 97, 602 00 Brno, Czech Republic

Other Contributors:

Anna Matalová, Specialist consultant, Mendelianum

Frank W. Nicholas, Emeritus Professor of Animal Genetics

Christina Laukaitis, Director of Genetic Consultation and Counseling Services

Johann Vollmann, Professor of Plant Genetics

25 February 2016

Last year, as noted in *Science* (1), celebrations were underway around the world to mark the 150th anniversary of Mendel's major discovery concerning heredity presented as a lecture *Experiments on Plant Hybrids* in 1865. A year later, when Mendel's paper was printed and distributed to dozens of places in Europe and overseas, his contribution entered the scientific world, eventually to be "rediscovered" in 1900 by a new generation of scientists. Thanks to the journal of the Nature Science Society in Brno, the world eventually became aware of Mendel's discovery.

Nature Science Society in Brno was a filial organization of the former Agriculture Society (Ackerbaugesellschaft), assigned as the Moravian scientific academy where Mendel was active for 40 years and where he obtained inspiration for his research. Mendelianum is based in the headquarters of this society and moreover is a part of the Moravian Museum with direct continuity with the Museum established by the Agriculture Society in Brno.

To mark the 150th anniversary of the publication of Mendel's paper, this year Mendelianum has initiated the commemoration of Mendel's scientific legacy by way of an international Mendel Day. The idea is supported by scientists from all over the world. Hot spots of Mendel Day 2016 are Brno (home town), Vienna (Europe), Tuscon (US), Sydney (Australia), and Tokyo (Asia), the day is March 8. The March timing of Mendel Day symbolically fits between Darwin Day in February and DNA Day in April, spanning bridges between old and new science, and neatly replicating the chronology of three of the most important discoveries in biology.

Anybody is welcome to join (www.mendelianum.cz/en). We hope to have Mendel Day as an annual event connecting people through science, with particular emphasis on educating students and the general public about how Mendel's discovery has enabled so much progress in understanding biology.