

EMIN EMRE ERTUGRUL



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CAPTIONS

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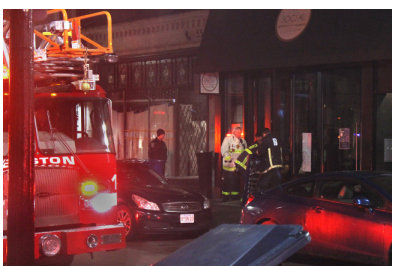
1 A ghost bike sits at the intersection of Massachusetts Avenue and Beacon Street in Boston, Massachusetts, on Jan. 31, 2016. This was the site where Anita Kurmann, 38, was fatally struck by a truck on Aug. 7, 2015.



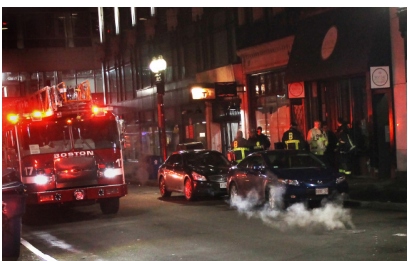
2 Gino Cutone, a foreman working in the construction of Boston University's new science building Kilachand Center at 610 Commonwealth Ave., is waiting for students to pass through the construction passage on Feb. 29, 2016, in Boston, Massachusetts.



3 Deniz Hallik wears a blue necklace she bought for \$12 at the Cambridge, Massachusetts Elks Lodge's Black Market in June 2017. "It is fake diamond but really looks good with my eyes when I have strapless on me," she says as she gets ready to host friends for dinner on Feb. 16, 2018, in her apartment at 1157 Commonwealth Ave. in Boston, Massachusetts.



4 Firefighters shut down the road and the intersection near Tremont Street after a fire call for 49 Temple Pl., Boston, Massachusetts, on March 22. No injuries were reported.



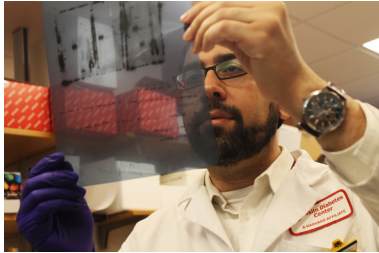
5 Boston firefighters clear off the area after they were called out on March 22, for a small fire at 49 Social Club, a restaurant at 49 Temple Pl., Boston, Massachusetts. The fire call came in around midnight.



6 "Goose Shepherd" Link Crump feeds the geese near the Boston University Bridge connecting Boston and Cambridge, Massachusetts, over the Charles River, as the Boston temperature reaches 43 degrees F. on Feb. 12. "It makes you feel good and productive," says Crump, while the geese hustle to catch some bread.

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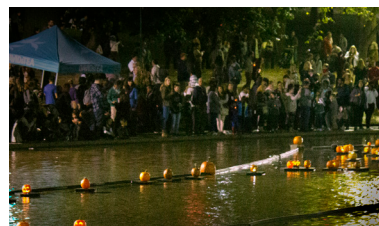
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7 After breaking up insulins in order to measure their protein density, Emrah Altindis, a doctor working at the Joslin Diabetes Center in Boston, Massachusetts, checks on the Western Blot results on March 26. This experiment is crucial for his discovery of viral insulins and the future research, Altindis says.



8 Dr. Emrah Altindis, a researcher at the Joslin Diabetes Center in Boston, Massachusetts, inspects bacteria kept in the cold room on March 26. The bacteria stored in the jars are used for his research on creating vaccines against bacteria.



9 Families celebrate the 4th Annual Pumpkin Float Festival at the Boston Common Frog Pond as hundreds of illuminated pumpkin lanterns were floated on the water during the festival presented by the Boston Parks and Recreation Department in partnership with the Skating Club of Boston on Oct. 21, 2017 in Boston, Massachusetts.



10 Boston University midfielder Jasper Verplancke (19) and University of Massachusetts player Eli Cronin try to win the tackle in an exhibition game on March 24 at Nickerson Field as the two teams opened the new season with a scoreless draw.



11 Boston University fans watch the men's soccer exhibition game against University of Massachusetts, as the temperature hovers around 32 F. on March 24 at Nickerson Field, where the teams left the pitch with a scoreless draw.



12 Picture story written and photographed by Emin Emre Ertugrul.

EMIN EMRE ERTUGRUL

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EDUCATION

Boston, Massachusetts

September 2014 – Present (Expected Graduation: May 2018)

BOSTON UNIVERSITY | COLLEGE OF COMMUNICATION

Bachelor of Science in Journalism with concentration in investigative reporting; Minor in French.

RELATED WORK EXPERIENCE

September 2017 – December 2017

Boston, Massachusetts

JOURNALISM INTERN | The New England Center for Investigative Reporting at WGBH

Worked on investigative cases from racial profiling to immigration throughout the United States. Worked with federal agencies across the nation and investigated criminal reports through public requests. Analyzed data regarding court and police documents for researching underlying patterns and trends. Interviewed public officials and the general population. Attended court hearings and arraignments for investigative pieces.

June 2017 – August 2017

Istanbul, Turkey

INTERNATIONAL NEWS INTERN | Milliyet Daily Newspaper

Gathered news for the international news department as a writer. Contributed in the publishing of worldwide events of summer 2017 including the Catalonia attacks and tensions with North Korea by writing articles and providing translations. Wrote articles about Charlottesville affair, U.S. Marine Corps in Southeast Asia and the White House for the Turkish public.

July 2015 – August 2015

Istanbul, Turkey

WEB TV INTERN | Hürriyet Daily

Produced visual content for the Web TV department of Turkish newspaper Hürriyet. Conducted surveys with statistics and visuals for the website. Edited videos via Adobe After Effects and Premiere.

AWARDS AND ACHIEVEMENTS

June 2014

Istanbul, Turkey

INTERNATIONAL BACCALAUREATE DIPLOMA | VKV Koc High School – full scholarship

May 2014

Istanbul, Turkey

FIRST PLACE, INVESTIGATIVE REPORTING | TRAC 2014 International Journalism Contest

Conducted deep research with teammates on the first anniversary of the Van Earthquake.

May 2013

Istanbul, Turkey

FIRST PLACE, SHORT STORY AWARDS | Koc Foundation Suna Kirac Awards

SKILLS

Native and bilingual in Turkish and English, advanced French; MS Office; Photoshop, Premiere, Lightroom, Final Cut and InDesign; Advanced drawing; creative writing; AP Style; Proficient in using DSLR cameras; experience using social media; London Royal College of Music Certificate for violin, guitar and various musical instruments; wine and craft beer tasting.

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REFERENCES

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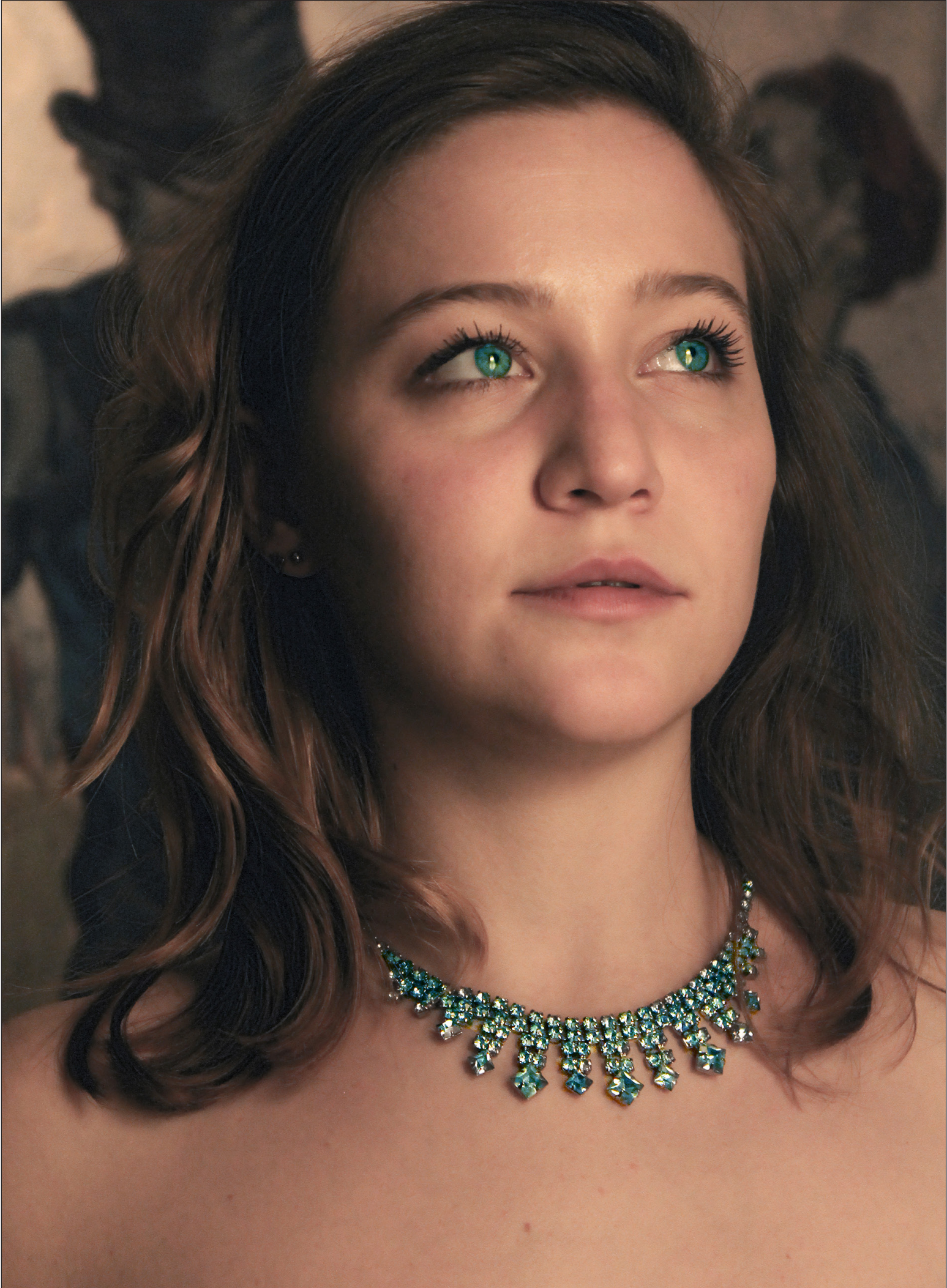
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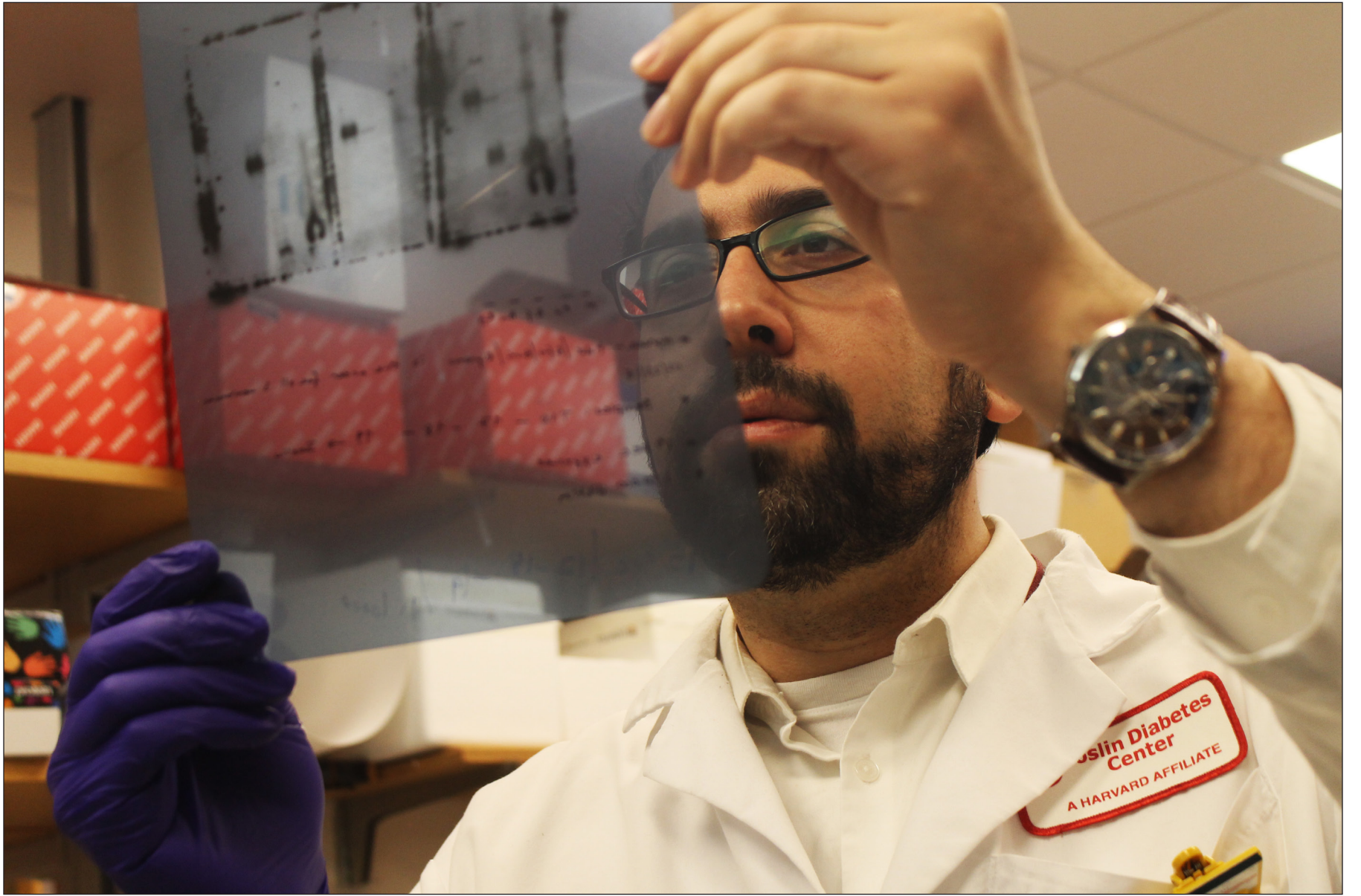














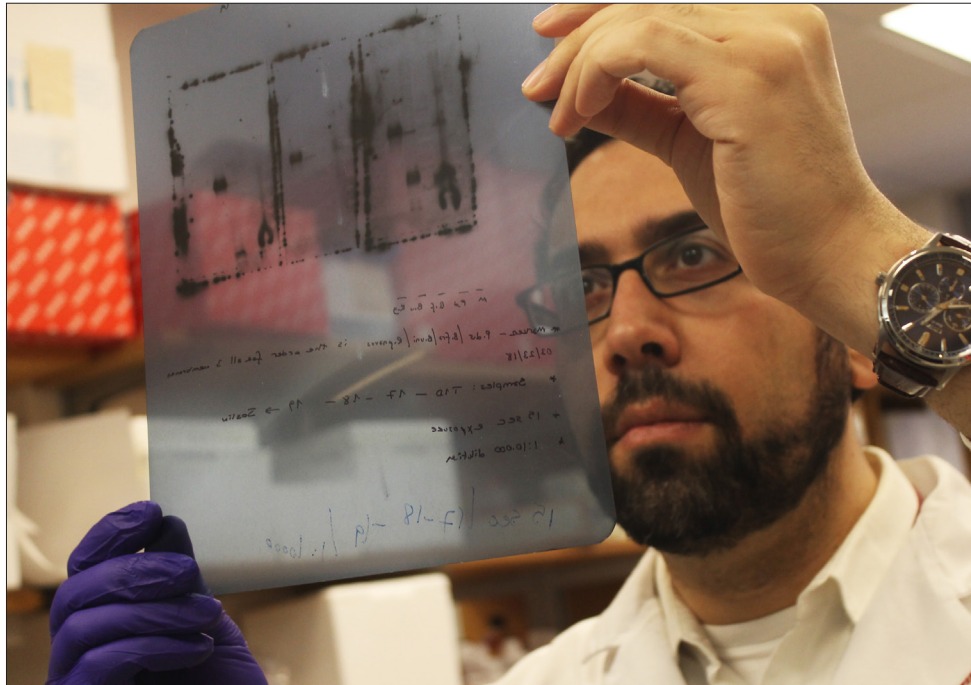








Tube viral insulins are chemically synthesized in collaboration with Indiana University.



Dr. Emrah Altindis inspects the Western Blot results. In codes of known viruses and found four that produced forms of insulin and insulin-like growth factors.

AWAY FROM HOME FIGHTING DIABETES

Human cells respond to the hormone insulin, and if they fail to do so, diabetes steps in. Dr. Emrah Altindis, a medical specialist working on biomedicine at the Joslin Diabetes Center, unexpectedly discovered that some viruses make insulin that looks and acts exactly like human insulin.

"We found that viruses can mimic our hormones," said Altindis. "This finding could have major implications for further diabetes and cancer research."

Previously working on creating vaccines against bacteria, Altindis attended a seminar on potential reasons of the autoimmune reaction that stimulates type 1 diabetes. He

began to think about the potential abilities of bacteria and viruses to create insulin-like proteins that could cause disease, he said.

"So the next step is," he added, "we are going to be understanding the role of these viral insulins in human disease. In type 1 diabetes, autoimmunity; in type 2 diabetes, insulin signaling and the effects on glucose homeostasis and the effects on the tumor formation."

Born in 1982 in Izmir, Turkey, Emrah Altindis has been working in the United States for seven years.

His time in the U.S. unexpectedly became a long-lasting one after he (referring to the

police brutality during Gezi Park Protests, the public revolt against the government's urban development plans in 2013) spoke out against then-Turkish President Abdullah Gül in 2014 during a panel at Harvard University.

In the days that followed, he received thousands of death threats, telling him even not to step inside Turkey.

Nonetheless, the recent discovery of viral insulins made an international name for Altindis since his article has been published by globally-recognized medical journals, including the Proceedings of the National Academy of Sciences of the United States of

America (PNAS).

Along with his lab partners, Altindis is also planning to explore the biological function of insulin and viruses from an evolutionary standpoint.

They might be able to discover further facilities, for example, creating insulins for diabetes that would not require refrigeration and that could be stored for a longer time, he said.

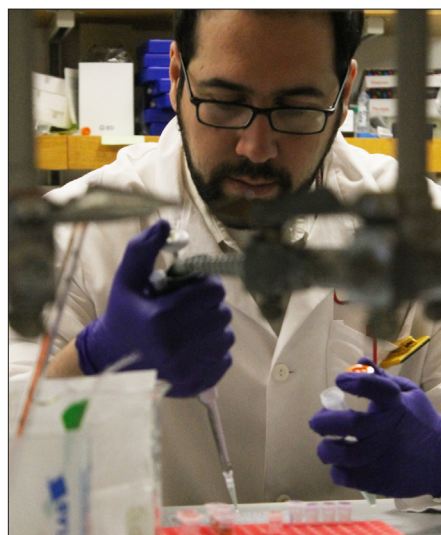
After the discovery of viral insulins, Altindis received an invitation as the principal speaker for the annual symposium of European Society of Endocrinology that is going to be held in France in October.



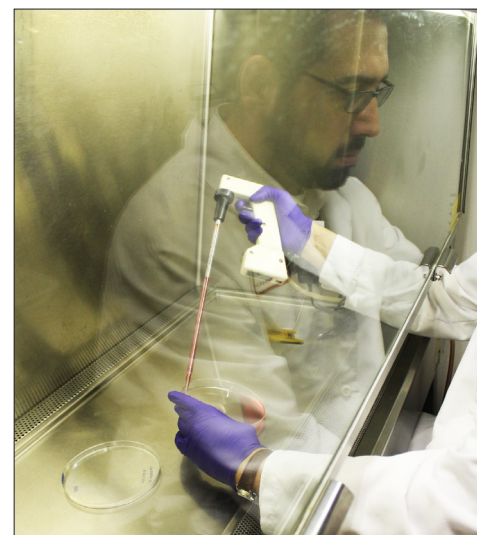
He always wanted to do something for children, Altindis said, so he chose to deal with Type 1 Diabetes, which is his postdoctoral research subject at Joslin. He is also one of the founders of the activist organization Bostonbul, which emerged as a park forum in Boston during the 2013 Gezi Park Protests in Istanbul, Turkey.



During his breaks, Altindis says he enjoys drinking black tea and reading literature on virology and metabolism.



Altindis prepares small amounts of viral insulins by pipetting them to use in experiments.



Altindis changes the medium of the cells; cell cultures have a central role in the project.