

Curriculum Vitae

Shogo Sato, Ph.D.

Postdoctoral Fellow
Paolo Sassone-Corsi Laboratory
Department of Biological Chemistry,
Center for Epigenetics and Metabolism
University of California, Irvine
340 Sprague Hall,
Irvine, CA 92617 USA
+1 (949) 824-8056 (office)/ +1 (214) 735-2686 (cell)
satos1@uci.edu

EDUCATION

03/2012	Ph.D. (Human Sciences)	Waseda University, JAPAN
03/2009	M.S. (Human Sciences)	Waseda University, JAPAN

EMPLOYMENT

12/2015 – present	Postdoctoral Fellow	University of California, Irvine
11/2013 – 11/2015	Postdoctoral Fellow	UT Southwestern Medical Center, Dallas
04/2012 – 10/2013	Adjunct Research Fellow	Kyorin University, Tokyo, JAPAN
04/2010 – 03/2013	Research Fellow	JSPS, Tokyo, JAPAN

RESEARCH EXPERIENCE

12/2015 – present Postdoctoral Fellow
Department of Biological Chemistry, Center for Epigenetics and Metabolism, University of California, Irvine, CA, USA (Laboratory of Prof. Paolo Sassone-Corsi)

- Determining the time-of-day-dependent impact of physical exercise on metabolic pathways in skeletal muscle (Sato et al., **Cell Metab** 2019) and throughout the whole body (in preparation) in mice.
- High-throughput metabolomic approach to understand temporal metabolic variations in humans under nutritional challenge (Sato et al., **Mol Metab** 2018) and exercise training at various times of the day (in preparation).
- Identifying the circadian reprogramming of metabolic pathways by aging and caloric restriction, a dietary intervention for health span extension, in mice (Sato et al., **Cell** 2017).
- Revealing the pivotal role of the circadian clock during cellular differentiation, tissue maturation and iPSCs reprogramming (in preparation).
- Understanding the molecular disruption of the circadian rhythms linked to depression and how antidepressants restore the disrupted circadian clock functions (under review).

11/2013 – 11/2015 Postdoctoral Fellow

Department of Biochemistry, University of Texas Southwestern Medical Center, Dallas, TX, USA (Laboratory of Prof. Kosaku Uyeda)

- Identified cellular metabolites that regulate the activity of the glucose-sensing transcription factor carbohydrate response element-binding protein (ChREBP) and determined the effects of nutritional challenges on the activity of ChREBP in mouse liver (Sato et al., **J Biol Chem** 2016).

04/2012 – 10/2013 Adjunct Research Fellow

Department of Molecular Predictive Medicine and Sport Science, Kyorin University, School of Medicine, Tokyo, JAPAN (Laboratory of Prof. Takako Kizaki and Prof. Hideki Ohno)

- Identified the role of circadian nuclear hormone receptors REV-ERB α and retinoic acid receptor-related orphan receptor (ROR)- α in macrophages on the regulation of metabolic inflammation (Sato et al., **J Immunol** 2014).

04/2010 – 03/2012 Research Fellow

Japan Society for the Promotion of Sciences (JSPS)

04/2009 – 03/2012 Ph.D.

Faculty of Human Sciences, Waseda University, Tokyo, JAPAN (Laboratory of Prof. Kazuhiko Imaizumi)

- Investigated the interplay between skeletal muscle plasticity and β_2 -adrenergic receptor (Sato et al., **Life Sci** 2011).

HONORS & AWARDS

01/2020 – 01/2022 NARSAD Young Investigator Grant, NY, USA

12/2015 – present Research Fellow of the Della Martin Foundation, CA, USA

01/2013 – 12/2013 Research Grant of the Nakatomi Foundation, Tokyo, JAPAN

04/2010 – 03/2012 Research Fellowship of the JSPS, Tokyo, JAPAN

04/2004 – 03/2010 Japan Student Services Organization Scholarship, Tokyo, JAPAN

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

2018 – present Japanese Society for Chronobiology

2015 – present American Heart Association

2008 – present The Physiological Society of Japan

2008 – present Japanese Society of Physiological Fitness and Sports Medicine

EDITORIAL SERVICES

- Reviewers for research and review articles

Cell Reports (2019); American Journal of Physiology Endocrinology and Metabolism (2018, 2017, 2017); Journal of Molecular Endocrinology (2015); British Journal of Pharmacology

(2012); Life Sciences (2012); Pharmaceuticals (2011); Journal of Physiological Sciences (2010); Journal of Veterinary Science & Medical Diagnosis (2010)

· Reviewers for research grants

Muscular Dystrophy Association (2013)

TEACHING

Teaching Assistant (Instructor, Prof. Kazuhiko Imaizumi), Waseda University, Tokyo, JAPAN

04/2008 – 08/2008 Course: Physiology

Responsibilities: Prepared and assisted students in weekly 1.5h-course

09/2008 – 01/2009 Course: Exercise Physiology

Responsibilities: Prepared and assisted students in weekly 1.5h-course

09/2008 – 01/2009 Course: Learning Research Methods and Technology (Physiology)

Responsibilities: Supervised and taught students in weekly 3h-course

04/2009 – 08/2009 Course: Physiology

Responsibilities: Prepared and assisted students in weekly 1.5h-course

09/2009 – 01/2010 Course: Exercise Physiology

Responsibilities: Prepared and assisted students in weekly 1.5h-course

09/2009 – 01/2010 Course: Learning Research Methods and Technology (Physiology)

Responsibilities: Supervised and taught students in weekly 3h-course

PUBLICATIONS

First author:

- 1) **Sato, S.**, Basse, A.L., Schönke, M., Chen, S., Samad, M., Altıntaş, A., Laker, R.C., Dalbram, E., Barrès, R., Baldi, P., Treebak, J.T., Zierath, J.R., Sassone-Corsi, P. (2019) Time of exercise specifies the impact of muscle metabolic pathways and systemic energy homeostasis. **Cell Metab** 30, 92-110.
- 2) **Sato, S.**, Sassone-Corsi, P. (2019) Circadian and epigenetic control of depression-like behaviors. **Curr Opin Behav Sci** 25, 15-22.
- 3) **Sato, S.**, Parr, E.B., Devlin, B.L., Hawley, J.A., Sassone-Corsi, P. (2018) Human Metabolomics reveal daily variations under nutritional challenges specific to serum and skeletal muscle. **Mol Metab** 16, 1-11.
- 4) **Sato, S.**, Solanas, G., Peixoto, F.O., Bee, L., Symeonidi, A., Schmidt, M.S., Brenner, C., Masri, S., Benitah, S.A., Sassone-Corsi, P. (2017) Circadian reprogramming in the liver identifies metabolic pathways of aging. **Cell** 170, 1-12.
- 5) **Sato, S.**, Jung, H., Nakagawa, T., Pawlosky, R., Takeshima, T., Lee, W.R., Sakiyama, H., Laxman, S., Wynn, R.M., Tu, B.P., MacMillan, J.B., De Brabander, J.K., Veech, R.L., Uyeda, K. (2016) Metabolic regulation of nuclear localization of carbohydrate response element-binding protein (ChREBP). Role of AMP as an allosteric inhibitor. **J Biol Chem** 291, 10515-10527.
- 6) **Sato, S.**, Sakurai, T., Ogasawara, J., Takahashi, M., Izawa, T., Imaizumi, K., Taniguchi, N.,

- Ohno, H., Kizaki, T. (2014) A circadian clock gene, Rev-erba, modulates the inflammatory function of macrophages through the negative regulation of *Ccl2* expression. **J Immunol** 192, 407-417.
- 7) **Sato, S.**, Sakurai, T., Ogasawara, J., Ishibashi, Y., Oh-ishi, S., Imaizumi, K., Haga, S., Hitomi, Y., Izawa, T., Ohira, Y., Ohno, H., Kizaki, T. (2014) Direct and indirect suppression of interleukin-6 gene expression in murine macrophages by nuclear orphan receptor REV-ERB α . **ScientificWorldJournal** 685854.
 - 8) **Sato, S.**, Shirato, K., Mitsuhashi, R., Inoue, D., Kizaki, T., Ohno, H., Tachiyashiki, K., Imaizumi, K. (2013) Intracellular β_2 -adrenergic receptor signaling specificity in mouse skeletal muscle in response to single-dose β_2 -agonist clenbuterol treatment and acute exercise. **J Physiol Sci** 63, 211-218.
 - 9) **Sato, S.**, Shirato, K., Kizaki, T., Ohno, H., Tachiyashiki, K., Imaizumi, K. (2012) Effects of β_2 -agonists and exercise on β_2 -adrenergic receptor signaling in skeletal muscles. **J Phys Fitness Sports Med** 1, 139-144.
 - 10) **Sato, S.**, Suzuki, H., Tsujimoto, H., Shirato, K., Tachiyashiki, K., Imaizumi, K. (2011) Casted-immobilization downregulates glucocorticoid receptor expression in rat slow-twitch soleus muscle. **Life Sci** 89, 962-967.
 - 11) **Sato, S.**, Shirato, K., Tachiyashiki, K., Imaizumi, K. (2011) Synthesized glucocorticoid, dexamethasone regulates the expression of β_2 -adrenoceptor and glucocorticoid receptor mRNAs but not proteins in slow-twitch soleus muscle of rats. **J Toxicol Sci** 36, 479-486.
 - 12) **Sato, S.**, Shirato, K., Tachiyashiki, K., Imaizumi, K. (2011) Muscle plasticity and β_2 -adrenergic receptors: Adaptive responses of β_2 -adrenergic receptor expression to muscle hypertrophy and atrophy. **J Biomed Biotechnol** 729598.
 - 13) **Sato, S.**, Nomura, S., Kawano, F., Tanihata, J., Tachiyashiki, K., Imaizumi, K. (2010) Adaptive effects of the β_2 -agonist clenbuterol on expression of β_2 -adrenoceptor mRNA in rat fast-twitch fiber-rich muscles. **J Physiol Sci** 60, 119-127.
 - 14) **Sato, S.**, Nomura, S., Kawano, F., Tanihata, J., Tachiyashiki, K., Imaizumi, K. (2008) Effects of the β_2 -agonist clenbuterol on β_1 - and β_2 -adrenoceptor mRNA expressions of rat skeletal and left ventricle muscles. **J Pharmacol Sci** 107, 393-400.

Co-author:

- 1) Orozco-Solis, R., Montellier, E., Aguilar-Arnal, L., **Sato, S.**, Vawter, M.P., Bunney, B.G., Bunney, W.E., Sassone-Corsi, P. (2017) A circadian genomic signature common to ketamine and sleep deprivation in the anterior cingulate cortex. **Biol Psychiatry** 82, 351-360.
- 2) Shirato, K., **Sato, S.**, Imaizumi, K., Sakurai, T., Ogasawara, J., Oh-ishi, S., Ohno, H., Kizaki, T. (2017) Regular exercise improves inflammatory responses by resident or recruited macrophages against bacterial pathogens. **Macrophage** 4, e1533.
- 3) Natori, Y., Nasui, M., Edo, K., **Sato, S.**, Sakurai, T., Kizaki, T., Kihara-Negishi, F. (2017) NEU1 sialidase controls gene expression and secretion of IL-6 and MCP-1 through NF-

- kB pathway in 3T3-L1 adipocytes. **J Biochem** 162, 137-143.
- 4) Kizaki, T., **Sato, S.**, Shirato, K., Sakurai, T., Ogasawara, J., Izawa, T., Ohira, Y., Suzuki, K., Ohno, H. (2015) Effect of circadian rhythm on clinical and pathophysiological conditions and inflammation. **Crit Rev Immunol** 35, 261-275.
 - 5) Suzuki, H., Tsujimoto, H., Shirato, K., Mitsuhashi, R., **Sato, S.**, Tachiyashiki, K., Imaizumi, K. (2014) Clenbuterol attenuates immobilization-induced atrophy of type II fibers in the fast-twitch extensor digitorum longus but not in the slow-twitch soleus muscle. **Global J Hum Anat Physiol Res** 1, 10-17.
 - 6) Haga, S., Sakurai, T., **Sato, S.**, Sasahara, M., Aita, F., Esaki, K., Toshinai, K., Ueya, E., Hashimoto, N., Ogasawara, J., Kizaki, T., Ishibashi, Y., Sakurai, T., Oh-ishi, S., Ohno, H., Takakuwa, E. (2014) The effects of long-term exercise on cerebral function and the maintenance of concentration in the elderly. **J Exerc Sports Orthop** 1, 1-6.
 - 7) Ogawasara, J., Ito, T., Wakame, K., Kitadate, K., Sakurai, T., **Sato, S.**, Ishibashi, Y., Izawa, T., Takahashi, K., Ishida, H., Takabatake, I., Kizaki, T., Ohno, H. (2014) ETAS, an enzyme-treated asparagus extract, attenuates amyloid beta-induced cellular disorder in PC12 cells. **Nat Prod Commun** 9, 561-564.
 - 8) Sakurai, T., Ito, T., Wakame, K., Kitadate, K., Arai, T., Ogasawara, J., Kizaki, T., **Sato, S.**, Ishibashi, Y., Fujiwara, T., Akagawa, K., Ishida, H., Ohno, H. (2014) Enzyme-treated asparagus officinalis extract shows neuroprotective effects and attenuates cognitive impairment in senescence-accelerated mice. **Nat Prod Commun** 9, 101-106.
 - 9) Aita, F., Haga, S., **Sato, S.**, Sakurai, T., Esaki, K., Hamaoka, T., Mizuno, M., Toshinai, K., Miyazaki, H., Takemasa, T., Hashimoto, N., Ogasawara, J., Katsumura, T., Kizaki, T., Ohno, H. (2013) Effects of resistance exercise on intramuscular oxygenation and muscle fiber composition. **J Sports Med Dopng Stud** 3, 1000133.
 - 10) Haga, S., Kizaki, T., **Sato, S.**, Takemasa, T., Esaki, K., Ueya, K., Aita, F., Hashimoto, N., Ogasawara, J., Sakurai, T., Hamaoka, T., Katsumura, T., Sakurai, T., Ohno, H. (2013) Skeletal muscle oxygenation during the nagewaza kakari exercise in judo. **Sports Sci Res** 10, 233-241.
 - 11) Sakurai, T., Ogasawara, J., Kizaki, T., **Sato, S.**, Ishibashi, Y., Takahashi, M., Kobayashi, O., Oh-Ishi, S., Nagasawa, J., Takahashi, K., Ishida, H., Izawa, T., Ohno, H. (2013) The effects of exercise training on obesity-induced dysregulated expression of adipokines in white adipose tissue. **Int J Endocrinol** 2013, 801743.
 - 12) Sakurai, T., Kitadate, K., Nishioka, H., Fujii, H., Ogasawara, J., Kizaki, T., **Sato, S.**, Fujiwara, T., Akagawa, K., Izawa, T., Ohno, H. (2013) Oligomerized lychee fruit-derived polyphenol attenuates cognitive impairment in senescence-accelerated mice and endoplasmic reticulum stress in neuronal cells. **Br J Nutr** 28, 1-10.
 - 13) Shirato, K., **Sato, S.**, Sato, M., Hashizume, Y., Tachiyashiki, K., Imaizumi, K. (2013) β_2 -Agonist clenbuterol suppresses bacterial phagocytosis of splenic macrophages expressing high levels of macrophage receptor with collagenous structure. **Biol Pharm Bull** 36, 475-480.

- 14) Hashizume, Y., Shirato, K., **Sato, S.**, Matsumoto, A., Tachiyashiki, K., Imaizumi, K. (2013) Dose-dependent effects of diallyl disulfide on plasma glucose and free fatty acid levels in rats. **J Toxicol Sci** 38, 879-884.
- 15) Abe, I., Shirato, K., Hashizume, Y., Mitsushashi, R., Kobayashi, A., Shiono, C., **Sato, S.**, Tachiyashiki, K., Imaizumi, K. (2013) Folate-deficiency induced cell-specific changes in the distribution of lymphocytes and granulocytes in rats. **Environ Health Prev Med** 18, 78-84.
- 16) Kizaki, T., **Sato, S.**, Sakurai, T., Ogasawara, J., Imaizumi, K., Izawa, T., Nagasawa, J., Saitoh, D., Haga, S., Ohno, H. (2012) The effects of exercise on macrophage function. **J Phys Fitness Sports Med** 1, 113-123.
- 17) Ohno, H., Shirato, K., Sakurai, T., Ogasawara, J., Sumitani, Y., **Sato, S.**, Imaizumi, K., Ishida, H., Kizaki, T. (2012) Effect of exercise on HIF-1 and VEGF signaling. **J Phys Fitness Sports Med** 1, 5-16.
- 18) Higashino-Matsui, Y., Shirato, K., Suzuki, Y., Kawashima, Y., Someya, Y., **Sato, S.**, Shiraishi, A., Jinde, M., Matsumoto, A., Ideno, H., Tachiyashiki, K., Imaizumi, K. (2012) Age-related effects of fasting on ketone body productions during lipolysis. **Environ Health Prev Med** 17, 157-163.
- 19) Hashizume, Y., Shirato, K., Abe, I., Kobayashi, A., Mitsushashi, R., Shiono, C., **Sato, S.**, Tachiyashiki, K., Imaizumi, K. (2012) Diallyl disulfide reduced dose-dependently the number of lymphocyte subsets and monocytes in rats. **J Nutr Sci Vitaminol** 58, 292-296.
- 20) Imaizumi, K., **Sato, S.**, Kumazawa, M., Arai, N., Aritoshi, S., Akimoto, S., Sakakibara, Y., Kawashima, Y., Tachiyashiki, K. (2011) Capsaicinoids-induced changes of plasma glucose, free fatty acid and glycerol concentrations in rats. **J Toxicol Sci** 36, 109-116.
- 21) Sakakibara, Y., **Sato, S.**, Kawashima, Y., Someya, Y., Shirato, K., Tachiyashiki, K., Imaizumi, K. (2011) Different recovery responses from dietary zinc-deficiency in the distribution of rat granulocytes. **J Nutr Sci Vitaminol** 57, 197-201.
- 22) Sakakibara, Y., **Sato, S.**, Shirato, K., Arai, N., Aritoshi, S., Ogawa-Nakata, N., Kawashima, Y., Someya, Y., Akimoto, S., Jinde, M., Shiraishi, A., Ideno, H., Tachiyashiki, K., Imaizumi, K. (2011) Dietary zinc-deficiency and its recovery responses in the thermogenesis of rats. **J Toxicol Sci** 36, 681-685.
- 23) Kawashima, Y., Someya, Y., **Sato, S.**, Shirato, K., Jinde, M., Ishida, S., Akimoto, S., Kobayashi, K., Sakakibara, Y., Suzuki, Y., Tachiyashiki, K., Imaizumi, K. (2011) Dietary zinc-deficiency and its recovery responses in rat liver cytosolic alcohol dehydrogenase activities. **J Toxicol Sci** 36, 101-108.
- 24) Kawashima, Y., Someya, Y., Shirato, K., **Sato, S.**, Ideno, H., Kobayashi, K., Tachiyashiki, K., Imaizumi, K. (2011) Single administration effects of ethanol on the distribution of white blood cells in rats. **J Toxicol Sci** 36, 347-355.
- 25) Aritoshi, S., **Sato, S.**, Kumazawa, M., Ban, T., Tanihata, J., Tachiyashiki, K., Imaizumi, K. (2010) Subacute effects of capsaicinoids on the distribution of white blood cells in rats. **J Health Sci** 56, 99-103.

- 26) Imaizumi, K., **Sato, S.**, Sakakibara, Y., Sasaki, H., Mori, S., Ohkuma, M., Kawashima, Y., Ban, T., Sasaki, H., Tachiyashiki, K. (2010) Allyl isothiocyanate-induced changes in the number of white blood cells in rats. **J Toxicol Sci** 35, 583-589.
- 27) Ohkaru, Y., Arai, N., Ohno, H., **Sato, S.**, Sakakibara, Y., Suzuki, H., Aritoshi, S., Akimoto, S., Ban, T., Tanihata, J., Tachiyashiki, K., Imaizumi, K. (2010) Acute and subacute effects of dexamethasone on the number of white blood cells in rats. **J Health Sci** 56, 215-220.
- 28) Imaizumi, K., Sakakibara, Y., Sasaki, H., **Sato, S.**, Takei, Y., Hiruma, K., Ban, T., Kawashima, Y., Tanihata, J., Tachiyashiki, K. (2010) Lowering effects of allyl isothiocyanate on the number of lymphocyte and its subsets in rats. **J Health Sci** 56, 347-354.
- 29) Kawano, F., Tanihata, J., **Sato, S.**, Nomura, S., Shiraishi, A., Tachiyashiki, K., Imaizumi, K. (2009) Effects of dexamethasone on the expression of β_1 -, β_2 - and β_3 -adrenoceptor mRNAs in skeletal and left ventricle muscles in rats. **J Physiol Sci** 59, 383-390.
- 30) Someya, Y., Tanihata, J., **Sato, S.**, Kawano, F., Shirato, K., Sugiyama, M., Kawashima, Y., Nomura, S., Tachiyashiki, K., Imaizumi, K. (2009) Zinc-deficiency induced changes in the distribution of rat white blood cells. **J Nutr Sci Vitaminol** 55, 162-169.
- 31) Akimoto, S., Tanihata, J., Kawano, F., **Sato, S.**, Takei, Y., Shirato, K., Someya, Y., Nomura, S., Tachiyashiki, K., Imaizumi, K. (2009) Acute effects of dihydrocapsaicin and capsaicin on the distribution of white blood cells in rats. **J Nutr Sci Vitaminol** 55, 282-287.

BOOKS CHAPTERS

- 1) **Sato, S.**, Shirato, K., Mitsuhashi, R., Suzuki, H., Tachiyashiki, K., Imaizumi, K. (2015) Functional roles of β_2 -adrenergic receptors in skeletal muscle hypertrophy and atrophy. In; Sport Science Series on "Active Life". Kanosue K, Series Ed. Vol. II.: Physical Activity, Exercise, Sedentary Behavior, and Promoting Health. Oka K, Cao ZB, Oshima S, Ed. Tokyo, *Springer-Japan*, 213-234.
- 2) Shirato, K., **Sato, S.**, Sato, M., Hashizume, Y., Tachiyashiki, K., Imaizumi, K. (2015) Effects of β_2 -agonist administration on bacterial phagocytosis by splenic macrophages in mice. In; Sport Science Series on "Active Life". Kanosue K, Series Ed. Vol. II.: Physical Activity, Exercise, Sedentary Behavior and Health Promotion. Oka K, Cao ZB, Oshima S, Ed. Tokyo, *Springer-Japan*, 203-212.

PRESENTATION (INTERNATIONAL)

- 1) **Sato, S.**, Solanas, G., Peixoto, F.O., Bee, L., Symeonidi, A., Schmidt, M.S., Brenner, C., Masri, S., Benitah, S.A., Sassone-Corsi, P. Circadian reprogramming in the liver identifies metabolic signatures of aging. 12th Annual Salk/Foundation Ipsen/Science Symposium on Biological Complexity (January, 2018, La Jolla, CA)
- 2) **Sato, S.**, Suzuki, H., Tsujimoto, H., Tachiyashiki, K., Imaizumi, K. Casted-immobilization downregulates glucocorticoid receptor level in rat slow-twitch soleus muscle. The 7th Congress of Federations of Asian and Oceanian Physiological Societies (September, 2011,

- Taipei, Republic of China)
- 3) **Sato, S**, Tsujimoto, H., Suzuki, H., Tachiyashiki, K., Imaizumi, K. Effects of caged-immobilization on the expressions of β -adrenergic receptors, glucocorticoid receptor and uncoupling proteins in brown and white adipose tissues of rats. The 7th Congress of Federations of Asian and Oceanian Physiological Societies (September, 2011, Taipei, Republic of China)
 - 4) **Sato, S**. Effects of β_2 -agonist, clenbuterol on β_2 -adrenoceptor mRNA expression and the regulatory factors in rat skeletal and left ventricle muscles. International Sports Science Network Forum in Nagano 2009 (August, 2009, Nagano, Japan)
 - 5) **Sato, S**, Tanihata, J., Kawano, F., Tachiyashiki, K., Imaizumi, K. Effects of β_2 -agonist, clenbuterol on the mRNA expression of mRNA binding/degradation factors of β -adrenoceptor in rat muscles. The 36-th International Congress of Physiological Sciences (July, 2009, Kyoto, Japan)

REFERENCES

Paolo Sassone-Corsi, Ph.D.

Donald Bren Professor, Department of Biological Chemistry
Director, Center for Epigenetics and Metabolism
University of California, Irvine
839 Health Science Rd
Irvine, CA 92617
+1 (949) 824-4540
psc@uci.edu

Juleen Zierath, Ph.D.

Professor, Integrative Physiology
Department of Physiology and Pharmacology, Department of Molecular Medicine and Surgery
Karolinska Institutet
171 77 Stockholm, Sweden
+46 0852487580
Juleen.Zierath@ki.se

Juan Carlos Izpisua Belmonte, Ph.D.

Professor, Gene Expression Laboratory (GEL-B)
Salk Institute for Biological Studies
10010 North Torrey Pines Road
La Jolla, CA 92037
+1 (858) 453-4100
belmonte@salk.edu

Harriet Wallberg-Henriksson, M.D., Ph.D.

Professor, Physiology

Department of Physiology and Pharmacology,

Karolinska Institutet

171 77 Stockholm, Sweden

+46 0706296470

Harriet.Wallberg@ki.se

Kosaku Uyeda, Ph.D.

Professor, Department of Biochemistry

University of Texas Southwestern Medical Center

5323 Harry Hines Blvd.

Dallas, TX 75390

+1 (214) 648-5004

kosaku.uyeda@utsouthwestern.edu