



Mark Krasnow

Paul and Mildred Berg Professor
Biochemistry

CONTACT INFORMATION

- **Alternate Contact**

Maria Petersen - Administrative Assistant

Tel 650-724-8764

Bio

ACADEMIC APPOINTMENTS

- Professor, Biochemistry
- Member, Bio-X
- Member, Cardiovascular Institute
- Director, CVI/Vera Moulton Wall Center
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Executive Director, Wall Center for Pulmonary Vascular Disease, (2010- present)
- Chair, Dept. of Biochemistry, Stanford University School of Medicine, (2006-2013)
- Associate Chair, Dept. of Biochemistry, Stanford University School of Medicine, (2000-2006)
- Investigator, Howard Hughes Medical Institute, (1997- present)
- Director, Medical Scientist Training Program, (1996-2002)

HONORS AND AWARDS

- Member, National Academy of Sciences (2019)
- Paul and Mildred Berg Professor, Stanford University (2018)
- Member, National Academy of Medicine (2016)
- Fellow, American Academy of Arts & Sciences (2009)
- Fellow, American Association for the Advancement of Science (1998)
- Recipient, Presidential Young Investigator Award (1991-1997)
- Recipient, Lucille P. Markey Scholar Award (1987-1993)

LINKS

- Krasnow Lab: <https://krasnow-mark.squarespace.com/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

- Lung development and stem cells
- Neural circuits of breathing and speaking
- Lung diseases including lung cancer
- New genetic model organism for biology, behavior, health and conservation

Teaching

COURSES

2025-26

- Biochemistry Department Minicourse: BIOC 202 (Aut)
- Developing an Original Research Proposal: BIOC 360 (Spr)

2024-25

- Biochemistry Department Minicourse: BIOC 202 (Aut)
- Developing an Original Research Proposal: BIOC 360 (Spr)

2023-24

- Developing an Original Research Proposal: BIOC 360 (Spr)

2022-23

- Developing an Original Research Proposal: BIOC 360 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Chloe Kashiwagi, Gyu Kim

Postdoctoral Faculty Sponsor

Yingyue Zhou

Doctoral Dissertation Advisor (AC)

Josh Head, Shahadat Rahman, Christine Zhou

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biochemistry (Phd Program)
- Cancer Biology (Phd Program)
- Medicine (Masters Program)
- Neonatal-Perinatal Medicine (Fellowship Program)
- Pediatric Pulmonology (Fellowship Program)
- Pulmonary & Critical Care Medicine (Fellowship Program)
- Sleep Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Stem cell control in the lung by an autocrine injury-activated Igf complex.** *Science (New York, N.Y.)*
Zhang, Y., Ouadah, Y., Liu, Y., Kumar, M. E., Morck, M. M., Krasnow, M. A.
2026; 392 (6795): eadt1310
- **Molecular, anatomical, and functional organization of lung interoceptors.** *bioRxiv : the preprint server for biology*
Liu, Y., Kinsey, L., Diaz de Arce, A. J., Krasnow, M. A.
2025
- **Benchmarking cell type and gene set annotation by large language models with AnnDictionary.** *Nature communications*
Crowley, G., Quake, S. R.
2025; 16 (1): 9511
- **Neuronal activity-dependent mechanisms of small cell lung cancer pathogenesis.** *Nature*
Savchuk, S., Gentry, K. M., Wang, W., Carleton, E., Biagi-Junior, C. A., Luthria, K., Yalçın, B., Ni, L., Farnsworth, H. C., Davis, R. A., Drexler, R., Melms, J. C., Liu, et al
2025
- **Mouse lemur cell atlas informs primate genes, physiology and disease.** *Nature*
Ezran, C., Liu, S., Chang, S., Ming, J., Guethlein, L. A., Wang, M. F., Dehghannasiri, R., Olivieri, J., Frank, H. K., Tarashansky, A., Koh, W., Jing, Q., Botvinnik, et al
2025
- **A molecular cell atlas of mouse lemur, an emerging model primate.** *Nature*
Ezran, C., Liu, S., Chang, S., Ming, J., Botvinnik, O., Penland, L., Tarashansky, A., de Morree, A., Travaglini, K. J., Zhao, J., Wang, G., Hasegawa, K., Sin, et al
2025
- **In vivo self-renewal and expansion of quiescent stem cells from a non-human primate.** *Nature communications*
Kang, J., Kanugovi, A., Stella, M. P., Frimand, Z., Farup, J., Urtasun, A., Liu, S., Clausen, A. S., Ishak, H., Bui, S., Kim, S., Ezran, C., Botvinnik, et al
2025; 16 (1): 5370
- **NEURONAL-ACTIVITY DEPENDENT MECHANISMS OF SMALL CELL LUNG CANCER PATHOGENESIS**
Savchuk, S., Wang, W., Gentry, K., Carleton, E., Biagi, C., Yalcin, B., Ni, L., Farnsworth, H., Davis, R., Liu, Y., Acosta-Alvarez, L., Hartmann, G., Pavarino, et al
OXFORD UNIV PRESS INC.2024
- **Interstitial macrophages are a focus of viral takeover and inflammation in COVID-19 initiation in human lung.** *The Journal of experimental medicine*
Wu, T. T., Travaglini, K. J., Rustagi, A., Xu, D., Zhang, Y., Andronov, L., Jang, S., Gillich, A., Dehghannasiri, R., Martinez-Colon, G. J., Beck, A., Liu, D. D., Wilk, et al
2024; 221 (6)
- **An organism-wide atlas of hormonal signaling based on the mouse lemur single-cell transcriptome.** *Nature communications*
Liu, S., Ezran, C., Wang, M. F., Li, Z., Awayan, K., Long, J. Z., De Vlaminc, I., Wang, S., Epelbaum, J., Kuo, C. S., Terrien, J., Krasnow, M. A., Ferrell, et al
2024; 15 (1): 2188
- **A cluster of neuropeptide S neurons regulates breathing and arousal.** *Current biology : CB*
Angelakos, C. C., Girven, K. S., Liu, Y., Gonzalez, O. C., Murphy, K. R., Jennings, K. J., Giardino, W. J., Zweifel, L. S., Suko, A., Palmiter, R. D., Clark, S. D., Krasnow, M. A., Bruchas, et al
2023
- **A brainstem circuit for phonation and volume control in mice.** *Nature neuroscience*
Veerakumar, A., Head, J. P., Krasnow, M. A.
2023

- **An integrated cell atlas of the lung in health and disease.** *Nature medicine*
Sikkema, L., Ramírez-Suástegui, C., Strobl, D. C., Gillett, T. E., Zappia, L., Madissoon, E., Markov, N. S., Zaragosi, L. E., Ji, Y., Ansari, M., Arguel, M. J., Apperloo, L., Banchemo, et al
2023
- **Neuroendocrinology of the lung revealed by single-cell RNA sequencing.** *eLife*
Kuo, C. S., Darmanis, S., Diaz de Arce, A., Liu, Y., Almanzar, N., Wu, T. T., Quake, S. R., Krasnow, M. A.
2022; 11
- **Alveolar cell fate selection and lifelong maintenance of AT2 cells by FGF signaling.** *Nature communications*
Brownfield, D. G., de Arce, A. D., Ghelfi, E., Gillich, A., Desai, T. J., Krasnow, M. A.
2022; 13 (1): 7137
- **Molecularly defined circuits for cardiovascular and cardiopulmonary control.** *Nature*
Veerakumar, A., Yung, A. R., Liu, Y., Krasnow, M. A.
2022
- **The Tabula Sapiens: A multiple-organ, single-cell transcriptomic atlas of humans.** *Science (New York, N.Y.)*
Jones, R. C., Karkanas, J., Krasnow, M. A., Pisco, A. O., Quake, S. R., Salzman, J., Yosef, N., Bulthaupt, B., Brown, P., Harper, W., Hemenez, M., Ponnusamy, R., Salehi, et al
2022; 376 (6594): eabl4896
- **Molecular hallmarks of heterochronic parabiosis at single-cell resolution.** *Nature*
Palovics, R., Keller, A., Schaum, N., Tan, W., Fehlmann, T., Borja, M., Kern, F., Bonanno, L., Calcuttawala, K., Webber, J., McGeever, A., Tabula Muris Consortium, Luo, J., et al
2022
- **Serum proteome analysis of systemic JIA and related lung disease identifies distinct inflammatory programs and biomarkers.** *Arthritis & rheumatology (Hoboken, N.J.)*
Chen, G., Deutsch, G. H., Schulert, G., Zheng, H., Jang, S., Trapnell, B., Lee, P., Macaubas, C., Ho, K., Schneider, C., Saper, V. E., de Jesus, A. A., Krasnow, et al
2022
- **Cell types of origin of the cell-free transcriptome.** *Nature biotechnology*
Vorperian, S. K., Moufarrej, M. N., Tabula Sapiens Consortium, Quake, S. R., Jones, R. C., Karkanas, J., Krasnow, M., Pisco, A. O., Quake, S. R., Salzman, J., Yosef, N., Bulthaupt, B., Brown, P., et al
2022
- **RNA splicing programs define tissue compartments and cell types at single cell resolution.** *eLife*
Olivieri, J. E., Dehghannasiri, R., Wang, P. L., Jang, S., de Morree, A., Tan, S. Y., Ming, J., Ruohao Wu, A., Tabula Sapiens Consortium, Quake, S. R., Krasnow, M. A., Salzman, J.
2021; 10
- **RNA splicing programs define tissue compartments and cell types at single-cell resolution** *ELIFE*
Olivieri, J., Dehghannasiri, R., Wang, P. L., Jang, S., de Morree, A., Tan, S. Y., Ming, J., Wu, A., Consortium, T., Quake, S. R., Krasnow, M. A., Salzman, J.
2021; 10
- **Fibrous Osteodystrophy, Chronic Renal Disease, and Uterine Adenocarcinoma in Aged Gray Mouse Lemurs (Microcebus murinus).** *Comparative medicine*
Casey, K. M., Karanewsky, C. J., Pendleton, J. L., Krasnow, M. R., Albertelli, M. A.
2021; 71 (3): 256-266
- **Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics.** *Nature medicine*
Muus, C., Luecken, M. D., Eraslan, G., Sikkema, L., Waghray, A., Heimberg, G., Kobayashi, Y., Vaishnav, E. D., Subramanian, A., Smillie, C., Jagadeesh, K. A., Duong, E. T., Fiskin, et al
2021
- **Integrating Health Systems and Science to Respond to COVID-19 in a Model District of Rural Madagascar.** *Frontiers in public health*
Rakotonanahary, R. J., Andriambolamanana, H., Razafinjato, B., Raza-Fanomezananahary, E. M., Ramanandratsiory, V., Ralaivavikoa, F., Tsirinomen'ny Aina, A., Rahajatiana, L., Rakotonirina, L., Haruna, J., Cordier, L. F., Murray, M. B., Cowley, et al

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- **A molecular cell atlas of the human lung from single-cell RNA sequencing.** *Nature*
Travaglini, K. J., Nabhan, A. N., Penland, L., Sinha, R., Gillich, A., Sit, R. V., Chang, S., Conley, S. D., Mori, Y., Seita, J., Berry, G. J., Shrager, J. B., Metzger, et al
2020
- **New approaches to small cell lung cancer therapy : from the laboratory to the clinic.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
Poirier, J. T., George, J. n., Owonikoko, T. K., Berns, A. n., Brambilla, E. n., Byers, L. A., Carbone, D. n., Chen, H. J., Christensen, C. L., Dive, C. n., Farago, A. F., Govindan, R. n., Hann, et al
2020
- **Ageing hallmarks exhibit organ-specific temporal signatures.** *Nature*
Schaum, N. n., Lehallier, B. n., Hahn, O. n., Pálovics, R. n., Hosseinzadeh, S. n., Lee, S. E., Sit, R. n., Lee, D. P., Losada, P. M., Zardeneta, M. E., Fehlmann, T. n., Webber, J. T., McGeever, et al
2020
- **Capillary cell-type specialization in the alveolus.** *Nature*
Gillich, A. n., Zhang, F. n., Farmer, C. G., Travaglini, K. J., Tan, S. Y., Gu, M. n., Zhou, B. n., Feinstein, J. A., Krasnow, M. A., Metzger, R. J.
2020
- **Brain Circuit of Claustrophobia-like Behavior in Mice Identified by Upstream Tracing of Sighing.** *Cell reports*
Li, P. n., Li, S. B., Wang, X. n., Phillips, C. D., Schwarz, L. A., Luo, L. n., de Lecea, L. n., Krasnow, M. A.
2020; 31 (11): 107779
- **A single-cell transcriptomic atlas characterizes ageing tissues in the mouse.** *Nature*
2020
- **Adult stem cells and regenerative medicine-a symposium report.** *Annals of the New York Academy of Sciences*
Cable, J., Fuchs, E., Weissman, I., Jasper, H., Glass, D., Rando, T. A., Blau, H., Debnath, S., Oliva, A., Park, S., Passegue, E., Kim, C., Krasnow, et al
2019
- **Rare Pulmonary Neuroendocrine Cells Are Stem Cells Regulated by Rb, p53, and Notch.** *Cell*
Ouadah, Y. n., Rojas, E. R., Riordan, D. P., Capostagno, S. n., Kuo, C. S., Krasnow, M. A.
2019; 179 (2): 403–16.e23
- **Genetic Identification of Vagal Sensory Neurons That Control Feeding.** *Cell*
Bai, L. n., Mesgarzadeh, S. n., Ramesh, K. S., Huey, E. L., Liu, Y. n., Gray, L. A., Aitken, T. J., Chen, Y. n., Beutler, L. R., Ahn, J. S., Madisen, L. n., Zeng, H. n., Krasnow, et al
2019; 179 (5): 1129–43.e23
- **The role of Olfr78 in the breathing circuit of mice Reply** *NATURE*
Chang, A. J., Kim, N. S., Hireed, H., de Arce, A., Ortega, F. E., Riegler, J., Madison, D. V., Krasnow, M. A.
2018; 561 (7724): E41
- **Profile of an unknown airway cell** *NATURE*
Travaglini, K. J., Krasnow, M. A.
2018; 560 (7718): 313–14
- **Single-cell Wnt signaling niches maintain stemness of alveolar type 2 cells.** *Science (New York, N.Y.)*
Nabhan, A. n., Brownfield, D. G., Harbury, P. B., Krasnow, M. A., Desai, T. J.
2018
- **Single-cell transcriptomics of 20 mouse organs creates a Tabula Muris.** *Nature*
2018; 562 (7727): 367–72
- **The Mouse Lemur, a Genetic Model Organism for Primate Biology, Behavior, and Health.** *Genetics*
Ezran, C., Karanewsky, C. J., Pendleton, J. L., Sholtz, A., Krasnow, M. R., Willick, J., Razafindrakoto, A., Zohdy, S., Albertelli, M. A., Krasnow, M. A.
2017; 206 (2): 651-664

- **Breathing control center neurons that promote arousal in mice** *SCIENCE*
Yackle, K., Schwarz, L. A., Kam, K., Sorokin, J. M., Huguenard, J. R., Feldman, J. L., Luo, L., Krasnow, M. A.
2017; 355 (6332): 1411-1415
- **MicroRNA-9 Couples Brain Neurogenesis and Angiogenesis.** *Cell reports*
Madelaine, R. n., Sloan, S. A., Huber, N. n., Notwell, J. H., Leung, L. C., Skariah, G. n., Halluin, C. n., Paşca, S. P., Bejerano, G. n., Krasnow, M. A., Barres, B. A., Mourrain, P. n.
2017; 20 (7): 1533–42
- **Developmental origin of lung macrophage diversity** *DEVELOPMENT*
Tan, S. Y., Krasnow, M. A.
2016; 143 (8): 1318-1327
- **Small Cell Lung Cancer: Can Recent Advances in Biology and Molecular Biology Be Translated into Improved Outcomes?** *Journal of thoracic oncology*
Bunn, P. A., Minna, J. D., Augustyn, A., Gazdar, A. F., Ouadah, Y., Krasnow, M. A., Berns, A., Brambilla, E., Rekhtman, N., Massion, P. P., Niederst, M., Peifer, M., Yokota, et al
2016; 11 (4): 453-474
- **The peptidergic control circuit for sighing** *NATURE*
Li, P., Janczewski, W. A., Yackle, K., Kam, K., Pagliardini, S., Krasnow, M. A., Feldman, J. L.
2016; 530 (7590): 293-?
- **Oxygen regulation of breathing through an olfactory receptor activated by lactate** *NATURE*
Chang, A. J., Ortega, F. E., Riegler, J., Adison, D. V., Krasnow, M. A.
2015; 527 (7577): 240-?
- **Formation of a Neurosensory Organ by Epithelial Cell Slithering** *CELL*
Kuo, C. S., Krasnow, M. A.
2015; 163 (2): 394-405
- **Subcellular Trafficking of FGF Controls Tracheal Invasion of Drosophila Flight Muscle** *CELL*
Peterson, S. J., Krasnow, M. A.
2015; 160 (1-2): 313-323
- **Defining a mesenchymal progenitor niche at single-cell resolution** *SCIENCE*
Kumar, M. E., Bogard, P. E., Espinoza, F. H., Menke, D. B., Kingsley, D. M., Krasnow, M. A.
2014; 346 (6211): 827-?
- **Mesenchymal cells. Defining a mesenchymal progenitor niche at single-cell resolution.** *Science*
Kumar, M. E., Bogard, P. E., Espinoza, F. H., Menke, D. B., Kingsley, D. M., Krasnow, M. A.
2014; 346 (6211)
- **Reconstructing lineage hierarchies of the distal lung epithelium using single-cell RNA-seq.** *Nature*
Treutlein, B., Brownfield, D. G., Wu, A. R., Neff, N. F., Mantalas, G. L., Espinoza, F. H., Desai, T. J., Krasnow, M. A., Quake, S. R.
2014; 509 (7500): 371-375
- **Reconstructing lineage hierarchies of the distal lung epithelium using single-cell RNA-seq.** *Nature*
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- **Two nested developmental waves demarcate a compartment boundary in the mouse lung** *NATURE COMMUNICATIONS*
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2014; 5
- **Alveolar progenitor and stem cells in lung development, renewal and cancer.** *Nature*
Desai, T. J., Brownfield, D. G., Krasnow, M. A.
2014; 507 (7491): 190-194
- **Alveolar progenitor and stem cells in lung development, renewal and cancer.** *Nature*

- Desai, T. J., Brownfield, D. G., Krasnow, M. A.
2014; 507 (7491): 190-194
- **Progenitor Outgrowth from the Niche in Drosophila Trachea Is Guided by FGF from Decaying Branches** *SCIENCE*
Chen, F., Krasnow, M. A.
2014; 343 (6167): 186-189
 - **Stem cells: Differentiated cells in a back-up role.** *Nature*
Desai, T. J., Krasnow, M. A.
2013; 503 (7475): 204-205
 - **Myb promotes centriole amplification and later steps of the multiciliogenesis program** *DEVELOPMENT*
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2013; 140 (20): 4277-4286
 - **Myb promotes centriole amplification and later steps of the multiciliogenesis program.** *Development*
Tan, F. E., Vladar, E. K., Ma, L., Fuentealba, L. C., Hoh, R., Espinoza, F. H., Axelrod, J. D., Alvarez-Buylla, A., Stearns, T., Kintner, C., Krasnow, M. A.
2013; 140 (20): 4277-4286
 - **A Genome-Wide Association Study (GWAS) for Bronchopulmonary Dysplasia.** *Pediatrics*
Wang, H., St Julien, K. R., Stevenson, D. K., Hoffmann, T. J., Witte, J. S., Lazzeroni, L. C., Krasnow, M. A., Quintance, C. C., Oehlert, J. W., Jelliffe-Pawlowski, L. L., Gould, J. B., Shaw, G. M., O'Brodovich, et al
2013; 132 (2): 290-297
 - **High quality genome-wide genotyping from archived dried blood spots without DNA amplification.** *PLoS one*
St Julien, K. R., Jelliffe-Pawlowski, L. L., Shaw, G. M., Stevenson, D. K., O'Brodovich, H. M., Krasnow, M. A.
2013; 8 (5)
 - **Integrin Beta 1 Suppresses Multilayering of a Simple Epithelium** *PLOS ONE*
Chen, J., Krasnow, M. A.
2012; 7 (12)
 - **Radial Construction of an Arterial Wall** *DEVELOPMENTAL CELL*
Greif, D. M., Kumar, M., Lighthouse, J. K., Hum, J., An, A., Ding, L., Red-Horse, K., Espinoza, F. H., Olson, L., Offermanns, S., Krasnow, M. A.
2012; 23 (3): 482-493
 - **A Systematic Screen for Tube Morphogenesis and Branching Genes in the Drosophila Tracheal System** *PLOS GENETICS*
Ghabrial, A. S., Levi, B. P., Krasnow, M. A.
2011; 7 (7)
 - **Coronary arteries form by developmental reprogramming of venous cells** *NATURE*
Red-Horse, K., Ueno, H., Weissman, I. L., Krasnow, M. A.
2010; 464 (7288): 549-U100
 - **Targeting Robo4-Dependent Slit Signaling to Survive the Cytokine Storm in Sepsis and Influenza** *SCIENCE TRANSLATIONAL MEDICINE*
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2010; 2 (23)
 - **Dual origin of tissue-specific progenitor cells in Drosophila tracheal remodeling** *SCIENCE*
Weaver, M., Krasnow, M. A.
2008; 321 (5895): 1496-1499
 - **Circulating blood cells function as a surveillance system for damaged tissue in Drosophila larvae** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Babcock, D. T., Brock, A. R., Fish, G. S., Wang, Y., Perrin, L., Krasnow, M. A., Galko, M. J.
2008; 105 (29): 10017-10022
 - **The branching programme of mouse lung development** *NATURE*
Metzger, R. J., Klein, O. D., Martin, G. R., Krasnow, M. A.
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- **Circulating blood cells function as a surveillance system for damaged tissue in *Drosophila* larvae** *Proceedings of the National Academy of Sciences*
Babcock, D.T., Fish, G., Wang, Y., Krasnow, M.A., Galko, M.J.
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- **Functions of the nonsense-mediated mRNA decay pathway in *Drosophila* development** *PLOS GENETICS*
Metzstein, M. M., Krasnow, M. A.
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- ***Drosophila* talin and integrin genes are required for maintenance of tracheal terminal branches and luminal organization (vol 133, pg 2383, 2006)** *DEVELOPMENT*
Levi, B. P., Ghabrial, A. S., Krasnow, M. A.
2006; 133 (12): 2383-U13
- **Social interactions among epithelial cells during tracheal branching morphogenesis** *NATURE*
Ghabrial, A. S., Krasnow, M. A.
2006; 441 (7094): 746-749
- **Genome-wide identification of mRNAs associated with the translational regulator PUMILIO in *Drosophila melanogaster*** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Gerber, A. P., Luschnig, S., Krasnow, M. A., Brown, P. O., Herschlag, D.
2006; 103 (12): 4487-4492
- **Sprouty proteins are in vivo targets of Corkscrew/SHP-2 tyrosine phosphatases** *DEVELOPMENT*
Jarvis, L. A., Toering, S. J., Simon, M. A., Krasnow, M. A., Smith-Bolton, R. K.
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- **serpentine and vermiform encode matrix proteins with chitin binding and deacetylation domains that limit tracheal tube length in *Drosophila*** *CURRENT BIOLOGY*
Luschnig, S., Batz, T., Armbruster, K., Krasnow, M. A.
2006; 16 (2): 186-194
- **Requirement for chitin biosynthesis in epithelial tube morphogenesis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
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2005; 102 (47): 17014-17019
- **Cellular and genetic analysis of wound healing in *Drosophila* larvae** *PLOS BIOLOGY*
Galko, M. J., Krasnow, M. A.
2004; 2 (8): 1114-1126
- **Tube morphogenesis: Making and shaping biological tubes** *CELL*
Lubarsky, B., Krasnow, M. A.
2003; 112 (1): 19-28
- **Branching morphogenesis of the *Drosophila* tracheal system** *ANNUAL REVIEW OF CELL AND DEVELOPMENTAL BIOLOGY*
Ghabrial, A., Luschnig, S., Metzstein, M. M., Krasnow, M. A.
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Arbeitman, M. N., Furlong, E. E., Imam, F., JOHNSON, E., Null, B. H., Baker, B. S., Krasnow, M. A., Scott, M. P., Davis, R. W., White, K. P.
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- **Tube morphogenesis** *TRENDS IN CELL BIOLOGY*
Krasnow, M. A., Nelson, W. J.
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2001; 128 (23): 4923-4933
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Guillemin, K., Williams, T., Krasnow, M. A.
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- **Genetic dissection of epithelial branching and oxygen response pathways in Drosophila.**
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