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FINDING AID TO the Guoping Zhao doctoral research notebooks, 1984-1992

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Processed by: Trevor Burrows, October 2016.

Descriptive Summary

Creator Information	Zhao, Guoping (1948-)
Title	Guoping Zhao papers
Collection Identifier	MSA 318
Date Span	1984-1992
Abstract	The Guoping Zhao research notebooks include research log books and notes from Zhao's dissertation research.
Extent	3.8 c.f.
Finding Aid Author	Trevor Burrows
Languages	Collection is predominantly in English; some materials occasionally include sections of Chinese.
Repository	Virginia Kelly Karnes Archives and Special Collections Research Center, Purdue University Libraries

Administrative Information

Location Information:	ASC-R
Access Restrictions:	Collection is open for research.
Acquisition Information:	Donated by Ronald Somerville, October 2014.
Accession Number:	20140407
Preferred Citation:	MSA 318, Guoping Zhao doctoral research notebooks, Karnes Archives and Special Collections, Purdue University Libraries
Copyright Notice:	Purdue University per deed of gift
Related Materials Information:	College of Agriculture, Department of Biochemistry, records, 1936-2010

Subjects and Genres

Persons

Zhao, Guoping

Organizations

Purdue University. Department of Biochemistry

Topics

Biochemistry

Form and Genre Types

Research notes

Biography of Guoping Zhao

Guoping Zhao is a distinguished molecular microbiologist whose research focuses include microbial molecular physiology and metabolic regulation, and pathogen genomics research. After receiving a Bachelor of Science degree from Fudan University in 1982, he began graduate work in biochemistry at Purdue University. He received his PhD at Purdue in 1990. Since returning to China in 1992, he has held numerous faculty appointments and directorships including with the Shanghai Institutes of Biological Sciences, the Chinese Academy of Sciences, the School of Life Sciences at Fudan University, and the Chinese National Human Genome Center at Shanghai.

Source:

“Guo-Ping Zhao - Doctor of Agriculture.” *Purdue University News*, May 2014, <http://www.purdue.edu/newsroom/releases/2014/Q2/HonDocs-bios/guo-ping-zhao---doctor-of-agriculture.html>.

“Zhao Guoping.” *Li Ka Shing Institute of Health Sciences* website, 2012, <https://www.lihs.cuhk.edu.hk/en-us/research/investigators/zhaoguoping.aspx>.

Scope

The Guoping Zhao research notebooks (1984-1992; 3.8 cubic feet) include research and laboratory notes compiled by Zhao for his dissertation, "The trpB8 mutation of Escherichia coli tryptophan synthase." Types of materials include laboratory logs, test results, and other materials chronicling Zhao's work, most of which are kept in their original binders. The collection is presented chronologically, except in cases where binders were labeled as a series or needed to be rehoused for preservation purposes.

Processing Information

Whenever possible, original order of the materials has been retained. All unbound materials have been housed in acid-free folders and acid-free boxes. Most of the material is bound in original binders, but loose and/or damaged materials have been placed in folders as necessary. Some damaged or faded labels have been photocopied and the originals discarded.

DETAILED DESCRIPTION OF THE COLLECTION

Box 1 Research notebooks, 1984-1989

Binder

- 1 Spine label: "DC-2 etc." Divider headings include "DC-2 General," "DC-2 IR transduction approach," "DC-2 IR conjugation approach," "DC-2 IR B8 type conjugation approach," "B8R2," "B8IR," "A2IR," "Plates." Lab notes, 1984-1985.
2. Spine label: "B₈ Phenotype. [illegible]." Laboratory notes, January 1985 – September 1985.
3. Spine label: "B₈ Protein & Enzyme Assay." Laboratory notes, July 1986 – March – 1987.
4. Spine label: "F' trpB₈." Laboratory notes and graphs, April 1986 – October 1986.
5. Spine label: "More ZC247 [illegible]." Laboratory notes, January 1988 – September 1988.
6. Spine label: "Mutant [illegible] - ?!" Oligonucleotide Request forms and handwritten laboratory notes, September 1988 – July 1989.

Box 2 Research notebooks, 1988-1990

Binder

- 1 Spine label: "T-A₄ & A89 – Experiments & Data – 1/11/88 – B.A. Bosecker." Laboratory notes, January 1988-October 1989.
2. Spine label: "β₂(B₈) – The Last Temptation of GP2." Laboratory notes and graphs, November-January (1988-1989?).
3. Spine label: "Report I." Notes on dissertation project and extent literature for dissertation. Includes copy of *Exaltation: A Process that Enhances Gene Expression from the trp Promoter*, an article by Ronald Somerville and Gregg Bogosian. Reports to Advisory Committee, 1986-1989.
4. Unlabeled. Wavelength Scan Tables and Reports with handwritten notes, 1/31/1990-2/12/90. One 3.5 floppy disk, "Mac View H2."
5. Unlabeled. Laboratory notes, Wavelength Scan reports and other reports, April – October 1990.
6. Unlabeled. Laboratory notes, January 1990 – March 1990.
7. "B₈ – Physiology, 1990." Laboratory notes and graphs, May 1990 – September 1990.

Box 3 Research notebooks, 1987-1992; undated

Binder

- 1 Spine label: "Report 2." Graph transparencies. Report to the Advisory Committee, December 1987. Miscellaneous notes and materials, 1987 – 1991.
2. Spine label: "β2(B8) – (1)." March 1987 – May 1988.
3. Spine label: "β2(B8) – (2)." Laboratory notes, February through September 1990.
4. Spine label: "β2(B8) - (3)." Laboratory notes and results, September 1988 – January 1989.
5. Spine label: "β2B8 - (5)." Laboratory notes and graphs, October 1991 – May 1992.
6. Spine label: "Strain." Laboratory notes, date unknown.
7. Spine label: "TSase assay." Laboratory notes. Date unclear.
8. Spine label [faded]: "Gou-ping Zhao log book [1988?] – 1992." Laboratory notes, dates unclear.
9. Spine label: "SP361 (λGB2)." Laboratory notes. Dates unclear.

Box 4 Research notes (loose or previously bound), 1985-1987

Folder

- 1 "B₈ Cloning Sequencing & Others – B₈ Chromosome DNA," June 1985 – July 1985.
2. "B₈ Cloning Sequencing & Others – λY431 B₈," July 1985 – September 1985.
3. "B₈ Cloning Sequencing & Others – Clone pGP21," October 1985 – November 1985.
4. "B₈ Cloning Sequencing & Others – M₁₃ & Seq." November 1985 – December 1985.
5. "B₈ Cloning Sequencing & Others – pGPz2 ~ 5," December 1985 – July 1986. 1 of 2.
6. "B₈ Cloning Sequencing & Others – pGPz2 ~ 5," December 1985 – July 1986. 2 of 2.
7. "B₈ Cloning Sequencing & Others – α Mutation," March 1987 – July 1987.
8. "IC 247 Cloning Sequencing – pKB45 Subclone," March 1987- September 1987. 1 of 2.
9. "IC 247 Cloning Sequencing – pKB45 Subclone," March 1987 – September 1987. 2 of 2.
10. "IC 247 Cloning Sequencing" – Unlabeled divider, September 1987 – November 1987.

Box 5 Research notes (loose or previously bound), 1986-1990

Folder

- 1 "B₈ & Other Genes" – Unlabeled, March 1986 – December 1986; December 1987. 1 of 4.
2. "B₈ & Other Genes" – Unlabeled, March 1986 – December 1986; December 1987. 2 of 4.
3. "B₈ & Other Genes" – Unlabeled, March 1986 – December 1986; December 1987. 3 of 4.
4. "B₈ & Other Genes" – Unlabeled, March 1986 – December 1986; December 1987. 4 of 4.
5. Loose laboratory notes, 1992 and undated.
6. Bound manuscript, "Relationships between Surface Topography and Nucleotide Sequence in Protein-DNA Interaction," by Michelle Anne Cissell, May 1989.
7. Original spine label: "β2(B₈) – (4)." Laboratory notes, April 1989 – August 1990. 1 of 3.
8. Original spine label: "β2(B₈) – (4)." Laboratory notes, April 1989 – August 1990. 2 of 3.
9. Original spine label: "β2(B₈) – (4)." Laboratory notes, April 1989 – August 1990. 3 of 3.